

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL030921\  
 Data File : PL065175.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Mar 2021 16:02  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 10 06:20:47 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL030521.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Mar 05 02:26:14 2021  
 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... | 3.424 | 4.096 | 121.0E6  | 107.6E6  | 41.144  | 43.328 |
| 28)                         | SA Decachlor... | 8.143 | 9.251 | 145.8E6  | 125.1E6  | 52.527  | 56.976 |
| Target Compounds            |                 |       |       |          |          |         |        |
| 2)                          | A alpha-BHC     | 3.857 | 4.499 | 197.1E6  | 154.1E6  | 41.805  | 45.274 |
| 3)                          | MA gamma-BHC... | 4.137 | 4.791 | 180.4E6  | 145.3E6  | 41.672  | 45.980 |
| 4)                          | MA Heptachlor   | 4.434 | 5.302 | 192.2E6  | 159.3E6  | 43.695  | 47.123 |
| 5)                          | MB Aldrin       | 4.678 | 5.612 | 180.8E6  | 140.6E6  | 44.273  | 47.590 |
| 6)                          | B beta-BHC      | 4.388 | 4.970 | 78665454 | 70244033 | 42.118  | 45.941 |
| 7)                          | B delta-BHC     | 4.589 | 5.191 | 189.7E6  | 138.3E6  | 43.453  | 45.674 |
| 8)                          | B Heptachlo...  | 5.119 | 6.006 | 170.5E6  | 115.0E6  | 44.845  | 47.493 |
| 9)                          | A Endosulfan I  | 5.454 | 6.368 | 169.6E6  | 119.9E6  | 47.421  | 47.242 |
| 10)                         | B gamma-Chl...  | 5.345 | 6.242 | 177.9E6  | 131.5E6  | 45.423  | 46.883 |
| 11)                         | B alpha-Chl...  | 5.402 | 6.314 | 175.9E6  | 131.6E6  | 45.912  | 47.608 |
| 12)                         | B 4,4'-DDE      | 5.566 | 6.471 | 169.8E6  | 130.4E6  | 47.241m | 52.152 |
| 13)                         | MA Dieldrin     | 5.696 | 6.629 | 176.8E6  | 119.9E6  | 47.811  | 46.806 |
| 14)                         | MA Endrin       | 5.950 | 6.850 | 158.5E6  | 101.0E6  | 46.160  | 47.789 |
| 15)                         | B Endosulfa...  | 6.223 | 7.066 | 141.6E6  | 103.5E6  | 45.113  | 48.767 |
| 16)                         | A 4,4'-DDD      | 6.081 | 6.970 | 138.6E6  | 103.0E6  | 46.545  | 51.051 |
| 17)                         | MA 4,4'-DDT     | 6.319 | 7.269 | 136.9E6  | 104.7E6  | 49.098  | 53.430 |
| 18)                         | B Endrin al...  | 6.391 | 7.191 | 116.4E6  | 85254859 | 45.411  | 48.188 |
| 19)                         | B Endosulfa...  | 6.604 | 7.415 | 150.2E6  | 105.6E6  | 44.427  | 48.515 |
| 20)                         | A Methoxychlor  | 6.866 | 7.730 | 79912262 | 61271705 | 50.618  | 55.281 |
| 21)                         | B Endrin ke...  | 7.090 | 7.893 | 159.7E6  | 111.6E6  | 46.272  | 52.210 |
| 22)                         | Mirex           | 7.271 | 8.344 | 121.8E6  | 88134118 | 45.415  | 52.110 |
| -----                       |                 |       |       |          |          |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL030921\  
Data File : PL065175.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Mar 2021 16:02  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

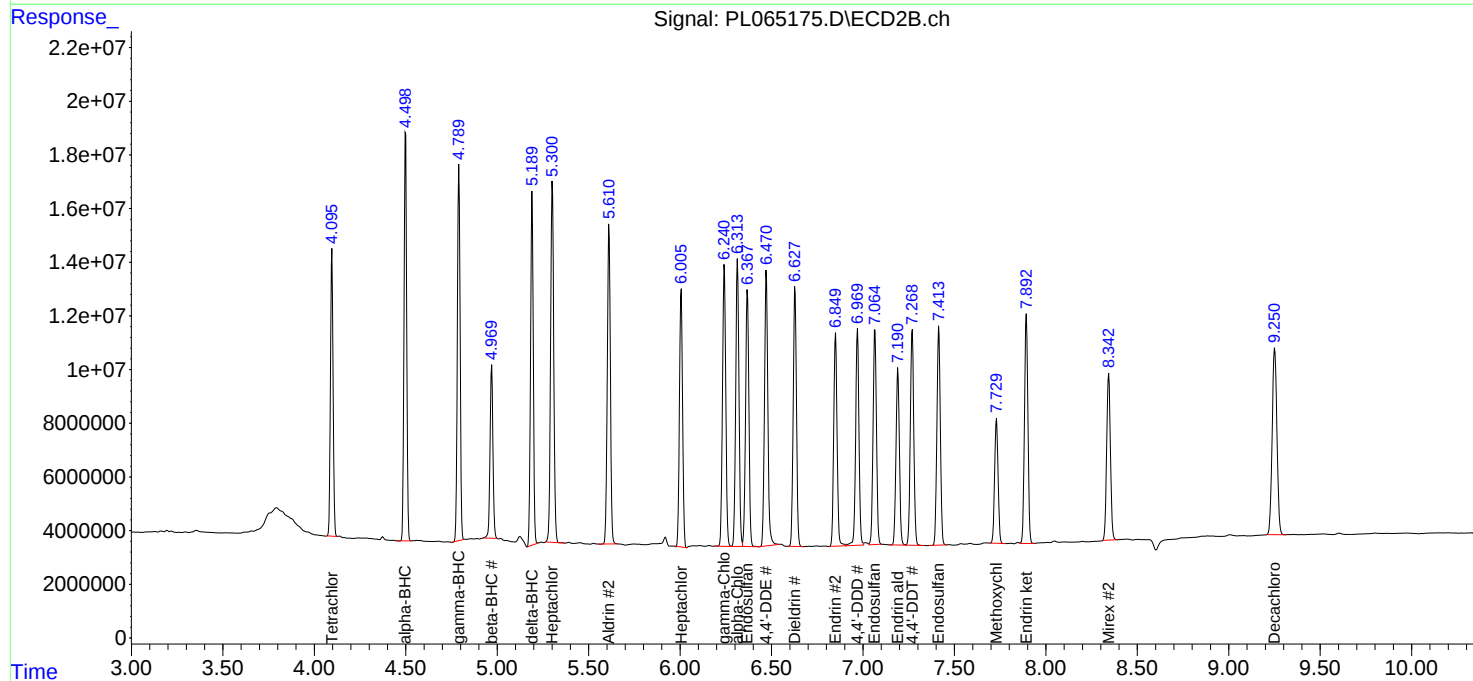
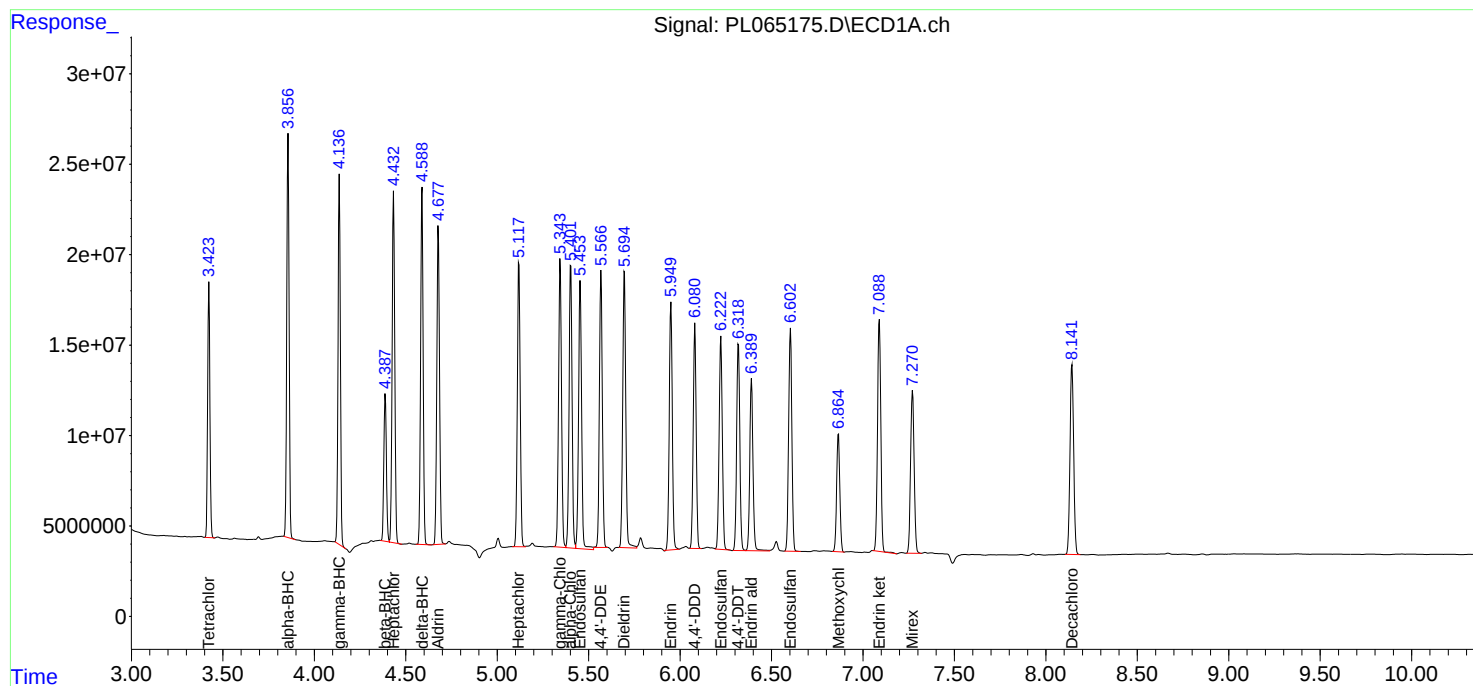
Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

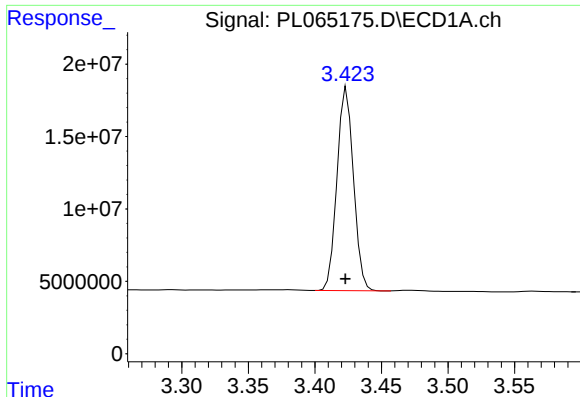
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 10 06:20:47 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL030521.M  
Quant Title : GC Extractables  
QLast Update : Fri Mar 05 02:26:14 2021  
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





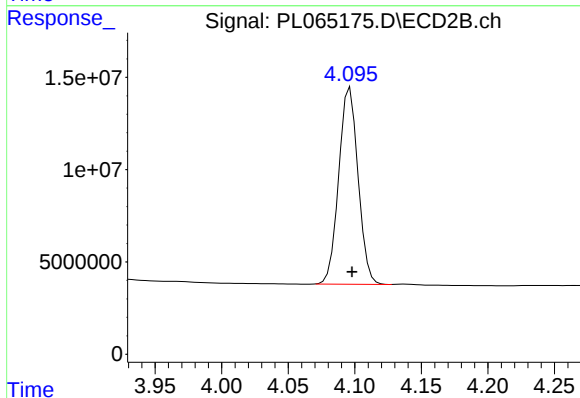
#1 Tetrachloro-m-xylene

R.T.: 3.424 min  
Delta R.T.: 0.001 min  
Response: 120982202  
Conc: 41.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

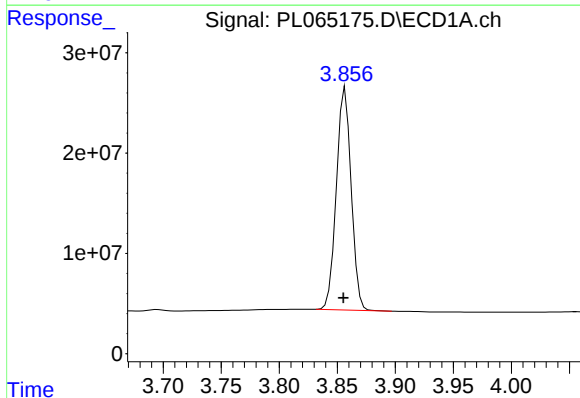
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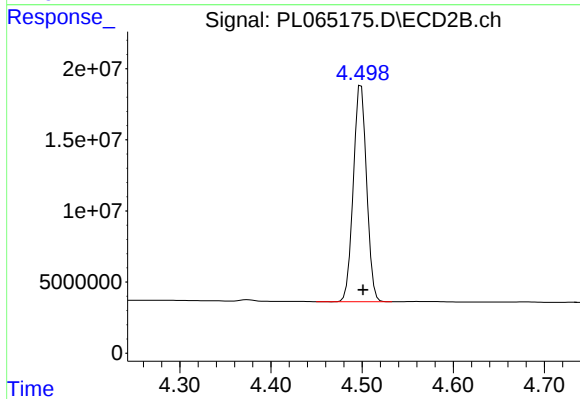
#1 Tetrachloro-m-xylene

R.T.: 4.096 min  
Delta R.T.: -0.002 min  
Response: 107592826  
Conc: 43.33 ng/ml



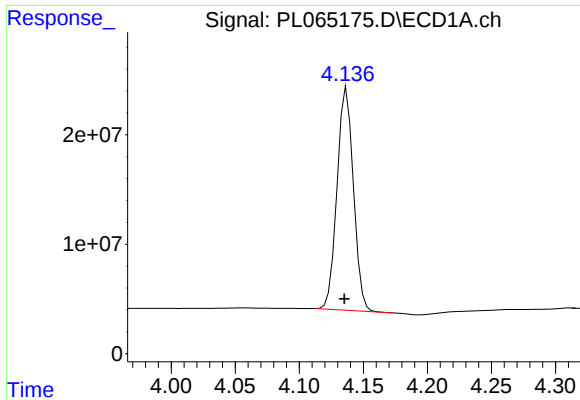
#2 alpha-BHC

R.T.: 3.857 min  
Delta R.T.: 0.001 min  
Response: 197065517  
Conc: 41.81 ng/ml



#2 alpha-BHC

R.T.: 4.499 min  
Delta R.T.: -0.002 min  
Response: 154141358  
Conc: 45.27 ng/ml



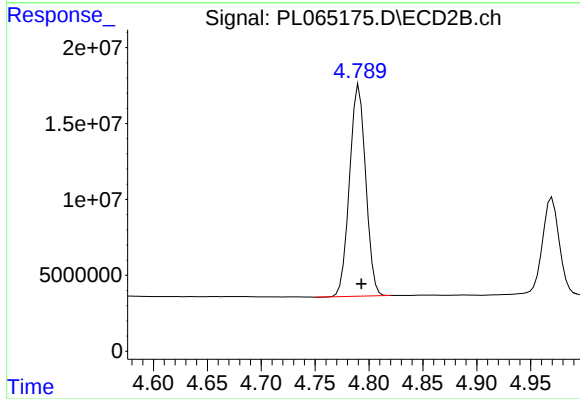
#3 gamma-BHC (Lindane)

R.T.: 4.137 min  
Delta R.T.: 0.002 min  
Response: 180364819  
Conc: 41.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

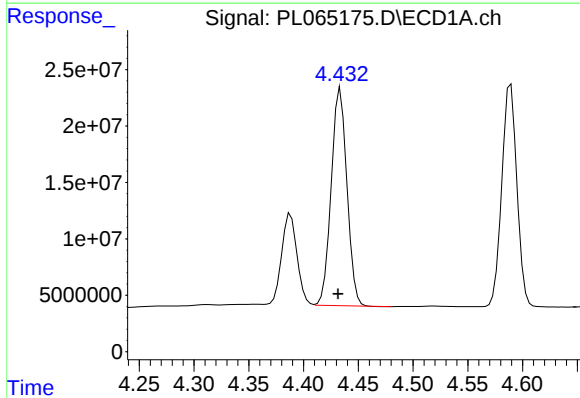
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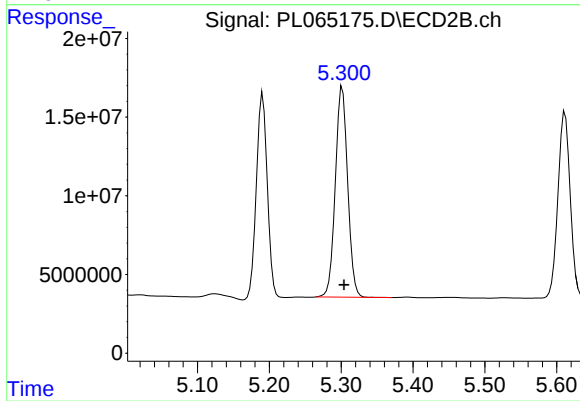
#3 gamma-BHC (Lindane)

R.T.: 4.791 min  
Delta R.T.: -0.002 min  
Response: 145282239  
Conc: 45.98 ng/ml



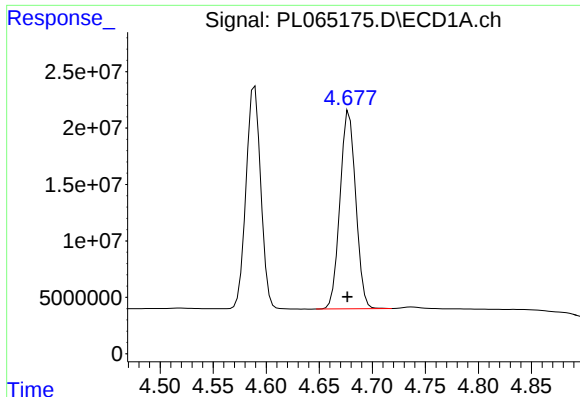
#4 Heptachlor

R.T.: 4.434 min  
Delta R.T.: 0.002 min  
Response: 192211075  
Conc: 43.69 ng/ml



#4 Heptachlor

R.T.: 5.302 min  
Delta R.T.: -0.002 min  
Response: 159330531  
Conc: 47.12 ng/ml



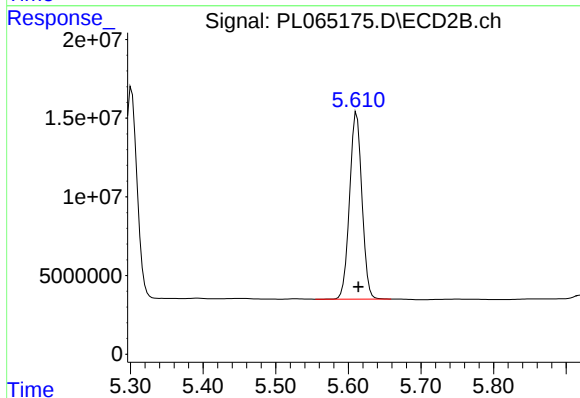
#5 Aldrin

R.T.: 4.678 min  
Delta R.T.: 0.002 min  
Response: 180782313  
Conc: 44.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

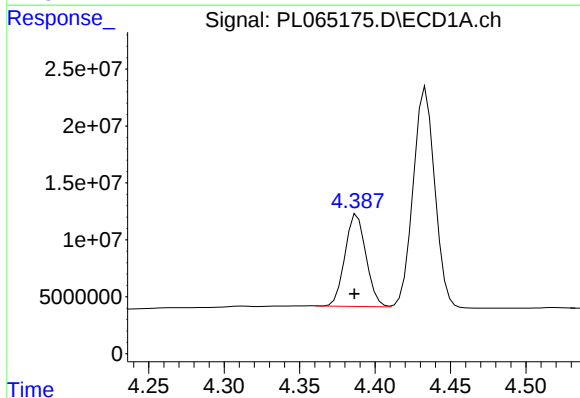
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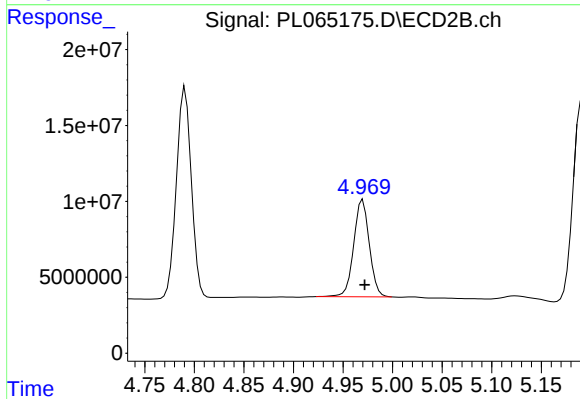
#5 Aldrin

R.T.: 5.612 min  
Delta R.T.: -0.002 min  
Response: 140572122  
Conc: 47.59 ng/ml



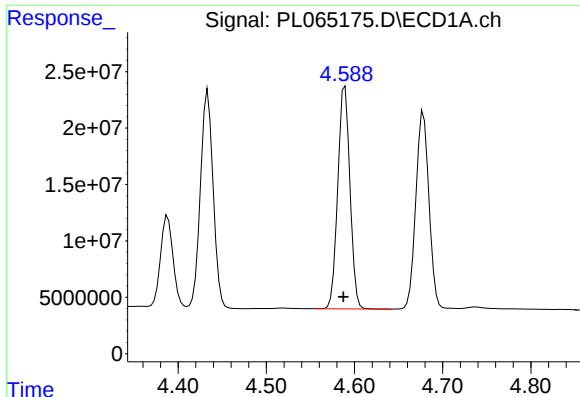
#6 beta-BHC

R.T.: 4.388 min  
Delta R.T.: 0.002 min  
Response: 78665454  
Conc: 42.12 ng/ml



#6 beta-BHC

R.T.: 4.970 min  
Delta R.T.: -0.002 min  
Response: 70244033  
Conc: 45.94 ng/ml



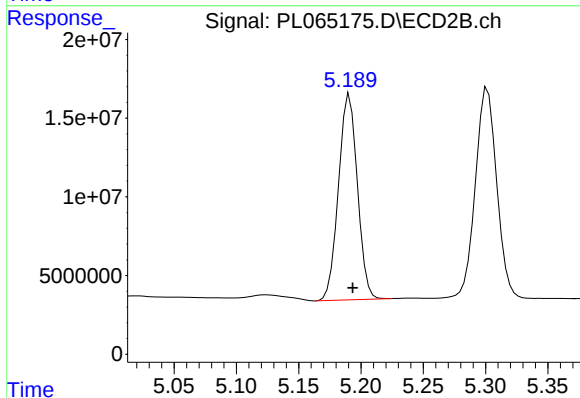
#7 delta-BHC

R.T.: 4.589 min  
Delta R.T.: 0.002 min  
Response: 189737509  
Conc: 43.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

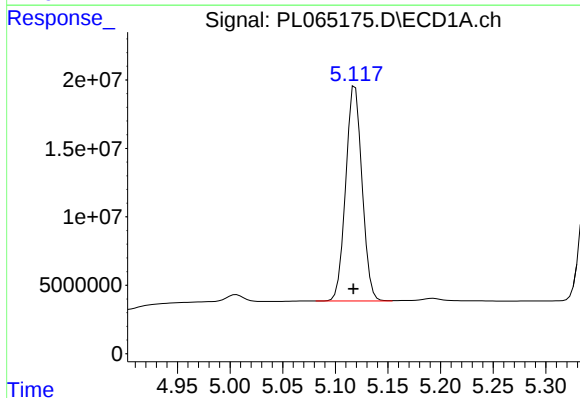
Manual Integrations  
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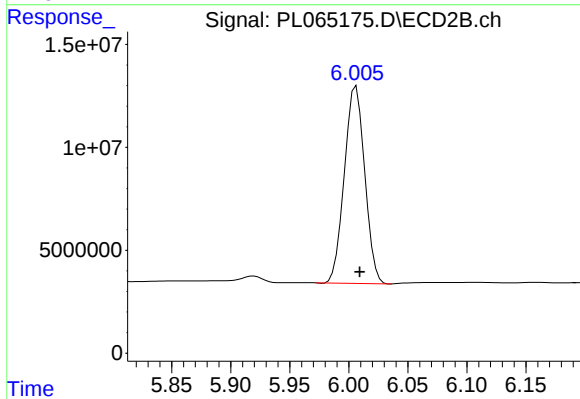
#7 delta-BHC

R.T.: 5.191 min  
Delta R.T.: -0.003 min  
Response: 138338262  
Conc: 45.67 ng/ml



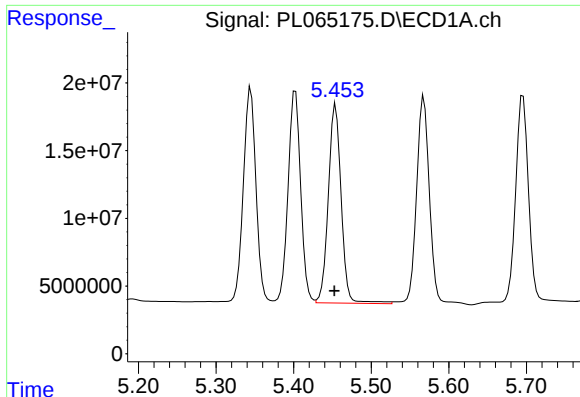
#8 Heptachlor epoxide

R.T.: 5.119 min  
Delta R.T.: 0.002 min  
Response: 170479062  
Conc: 44.85 ng/ml



#8 Heptachlor epoxide

R.T.: 6.006 min  
Delta R.T.: -0.003 min  
Response: 115009466  
Conc: 47.49 ng/ml



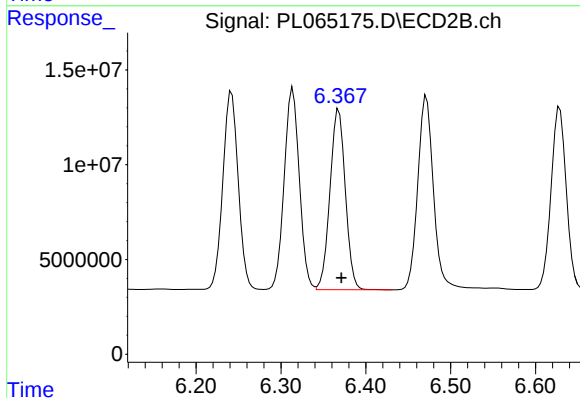
#9 Endosulfan I

R.T.: 5.454 min  
Delta R.T.: 0.001 min  
Response: 169585505  
Conc: 47.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

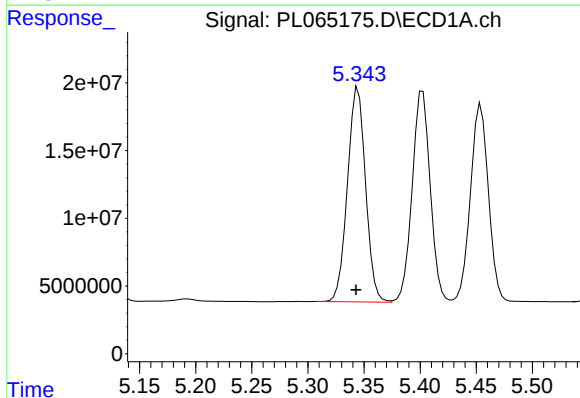
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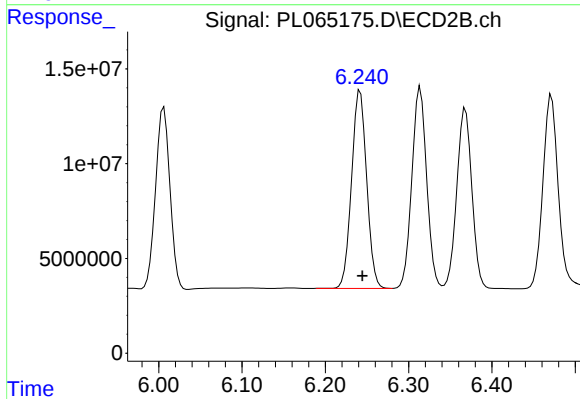
#9 Endosulfan I

R.T.: 6.368 min  
Delta R.T.: -0.003 min  
Response: 119927941  
Conc: 47.24 ng/ml



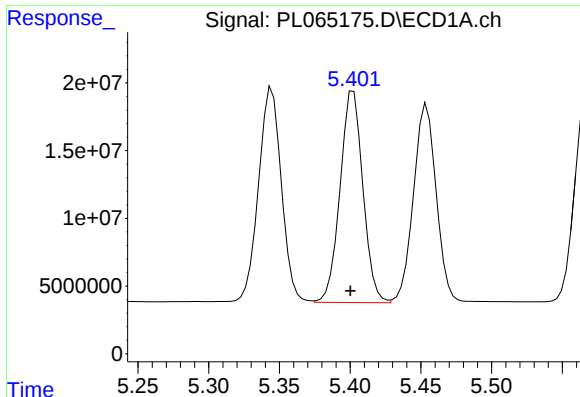
#10 gamma-Chlordane

R.T.: 5.345 min  
Delta R.T.: 0.002 min  
Response: 177876230  
Conc: 45.42 ng/ml



#10 gamma-Chlordane

R.T.: 6.242 min  
Delta R.T.: -0.003 min  
Response: 131477917  
Conc: 46.88 ng/ml



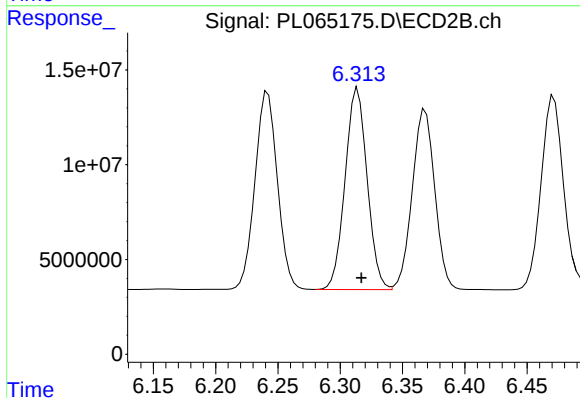
#11 alpha-Chlordane

R.T.: 5.402 min  
Delta R.T.: 0.002 min  
Response: 175938622  
Conc: 45.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

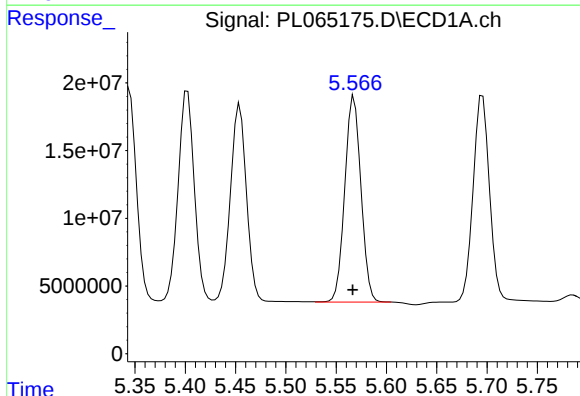
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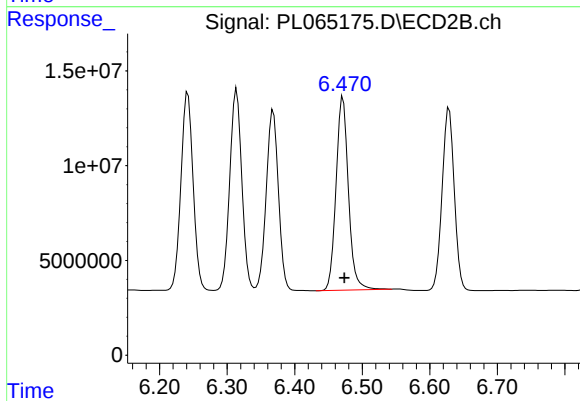
#11 alpha-Chlordane

R.T.: 6.314 min  
Delta R.T.: -0.003 min  
Response: 131588738  
Conc: 47.61 ng/ml



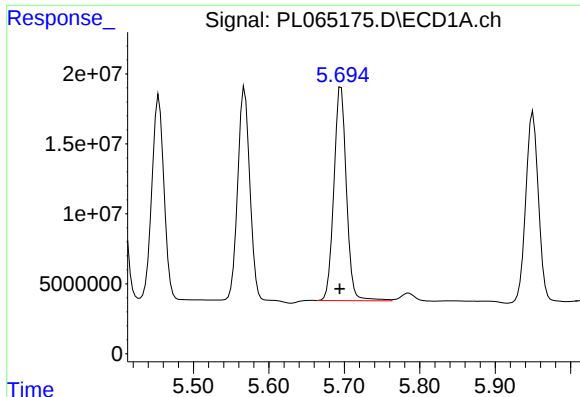
#12 4,4'-DDE

R.T.: 5.566 min  
Delta R.T.: 0.000 min  
Response: 169799739  
Conc: 47.24 ng/ml m



#12 4,4'-DDE

R.T.: 6.471 min  
Delta R.T.: -0.002 min  
Response: 130380387  
Conc: 52.15 ng/ml



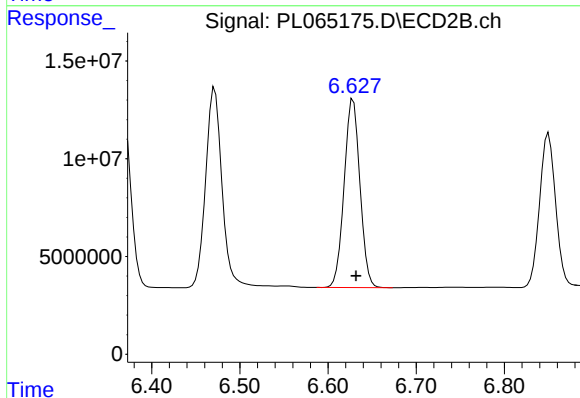
#13 Dieldrin

R.T.: 5.696 min  
Delta R.T.: 0.002 min  
Response: 176847284  
Conc: 47.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

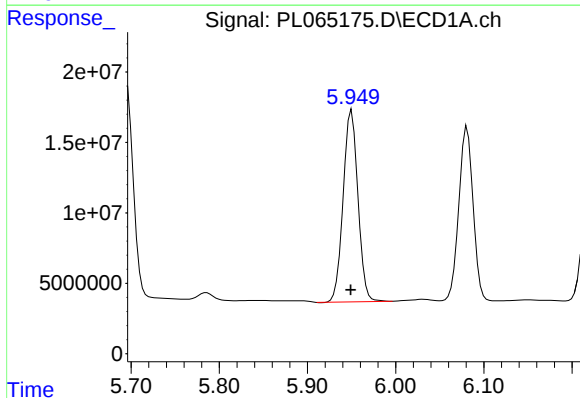
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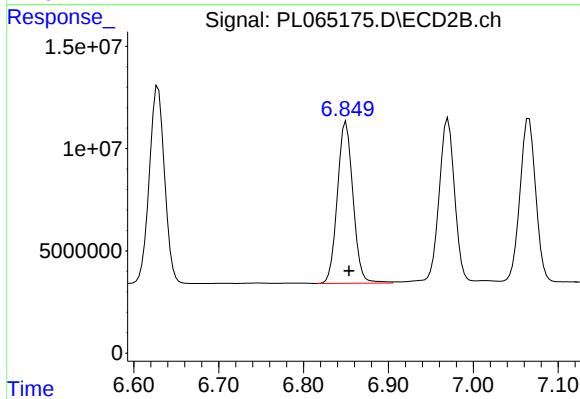
#13 Dieldrin

R.T.: 6.629 min  
Delta R.T.: -0.003 min  
Response: 119893432  
Conc: 46.81 ng/ml



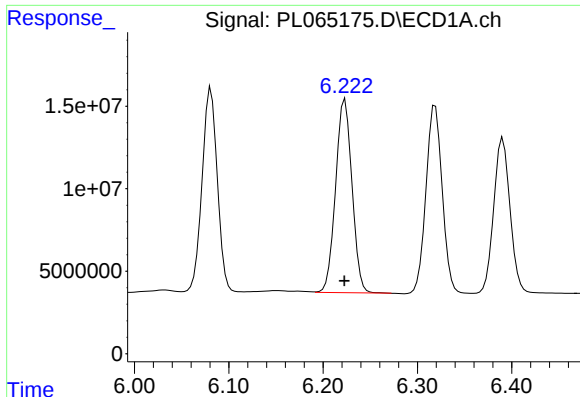
#14 Endrin

R.T.: 5.950 min  
Delta R.T.: 0.001 min  
Response: 158450627  
Conc: 46.16 ng/ml



#14 Endrin

R.T.: 6.850 min  
Delta R.T.: -0.003 min  
Response: 100957288  
Conc: 47.79 ng/ml



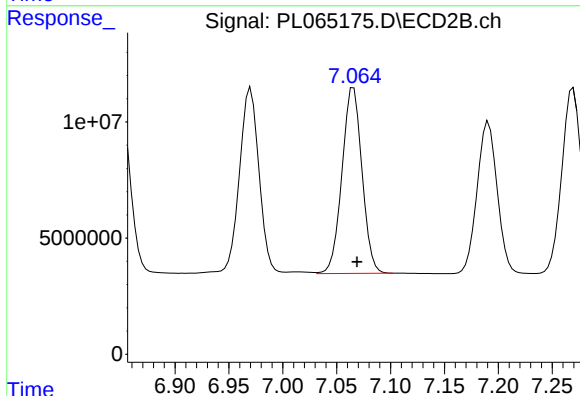
#15 Endosulfan II

R.T.: 6.223 min  
Delta R.T.: 0.000 min  
Response: 141592105  
Conc: 45.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

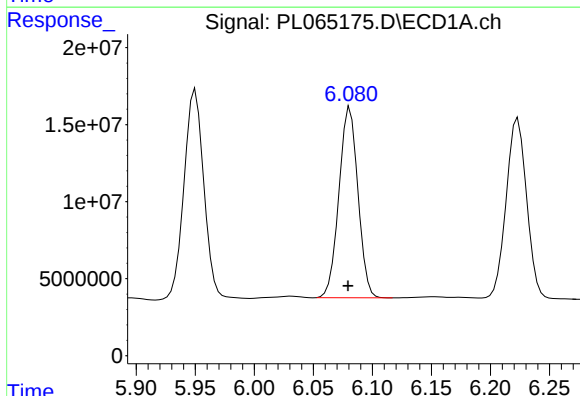
Manual Integrations  
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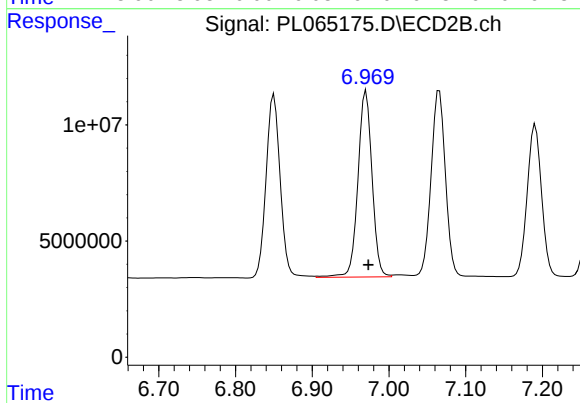
#15 Endosulfan II

R.T.: 7.066 min  
Delta R.T.: -0.003 min  
Response: 103491498  
Conc: 48.77 ng/ml



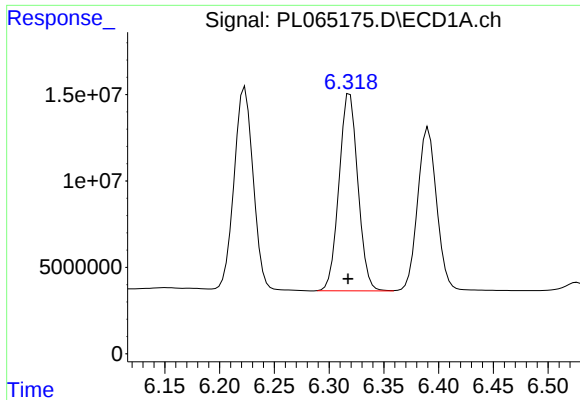
#16 4,4'-DDD

R.T.: 6.081 min  
Delta R.T.: 0.002 min  
Response: 138561184  
Conc: 46.55 ng/ml



#16 4,4'-DDD

R.T.: 6.970 min  
Delta R.T.: -0.003 min  
Response: 103004435  
Conc: 51.05 ng/ml



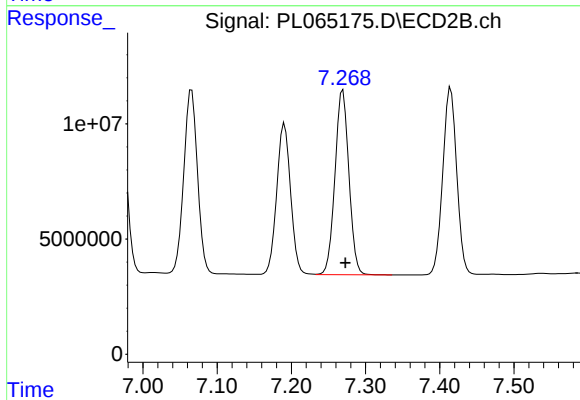
#17 4,4'-DDT

R.T.: 6.319 min  
Delta R.T.: 0.002 min  
Response: 136880555  
Conc: 49.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

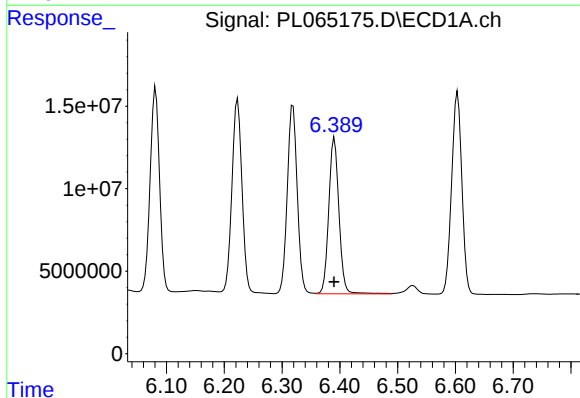
Manual Integrations  
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3/10/2021 10:14:04 AM



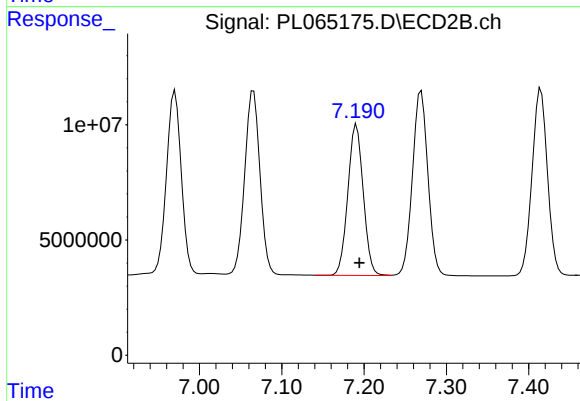
#17 4,4'-DDT

R.T.: 7.269 min  
Delta R.T.: -0.003 min  
Response: 104721830  
Conc: 53.43 ng/ml



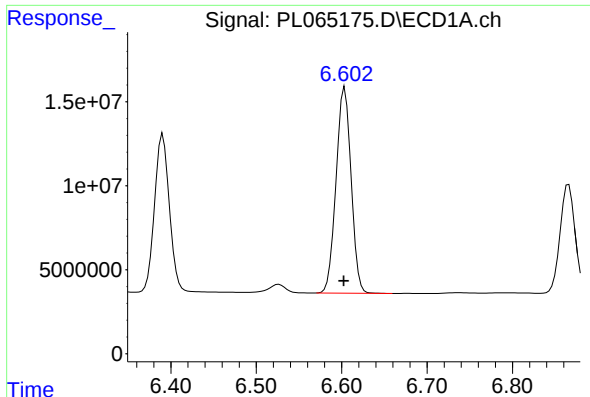
#18 Endrin aldehyde

R.T.: 6.391 min  
Delta R.T.: 0.000 min  
Response: 116419220  
Conc: 45.41 ng/ml



#18 Endrin aldehyde

R.T.: 7.191 min  
Delta R.T.: -0.003 min  
Response: 85254859  
Conc: 48.19 ng/ml



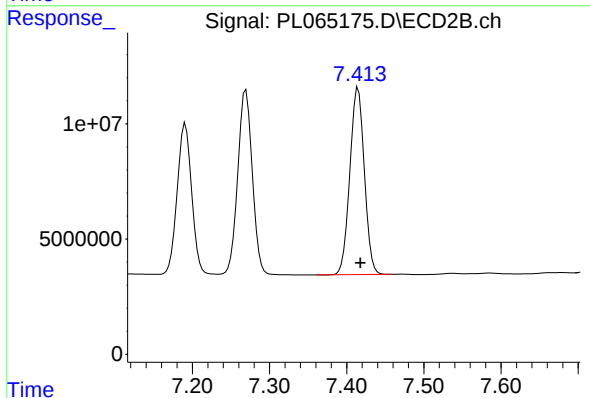
#19 Endosulfan Sulfate

R.T.: 6.604 min  
Delta R.T.: 0.001 min  
Response: 150173980  
Conc: 44.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

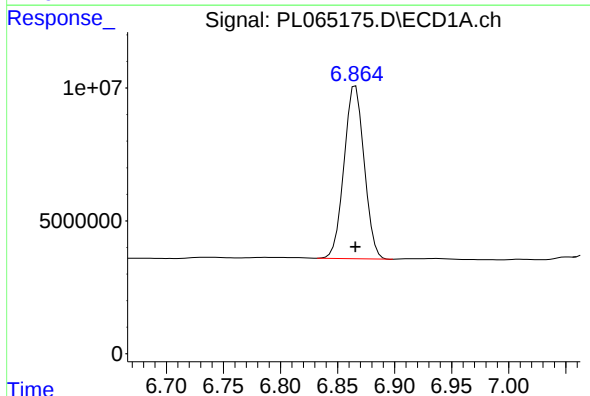
Manual Integrations  
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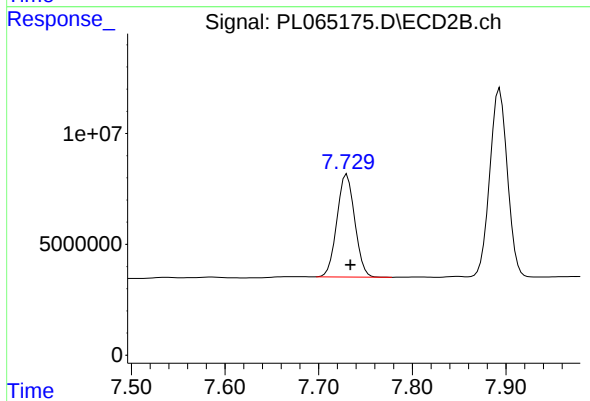
#19 Endosulfan Sulfate

R.T.: 7.415 min  
Delta R.T.: -0.003 min  
Response: 105649962  
Conc: 48.51 ng/ml



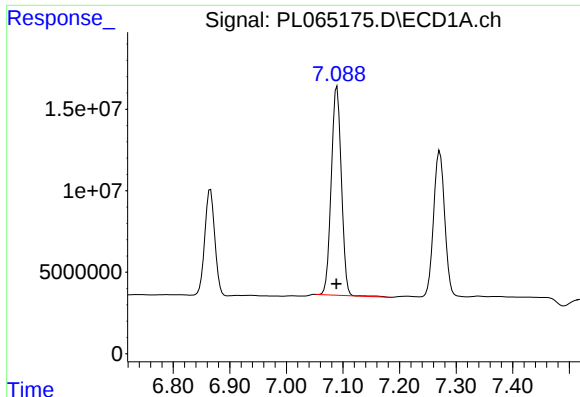
#20 Methoxychlor

R.T.: 6.866 min  
Delta R.T.: 0.000 min  
Response: 79912262  
Conc: 50.62 ng/ml



#20 Methoxychlor

R.T.: 7.730 min  
Delta R.T.: -0.004 min  
Response: 61271705  
Conc: 55.28 ng/ml



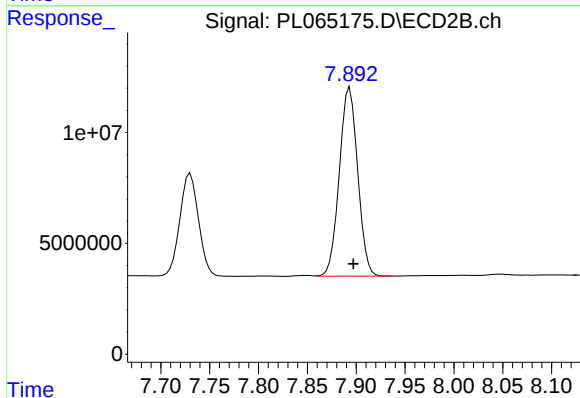
#21 Endrin ketone

R.T.: 7.090 min  
Delta R.T.: 0.001 min  
Response: 159703540  
Conc: 46.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

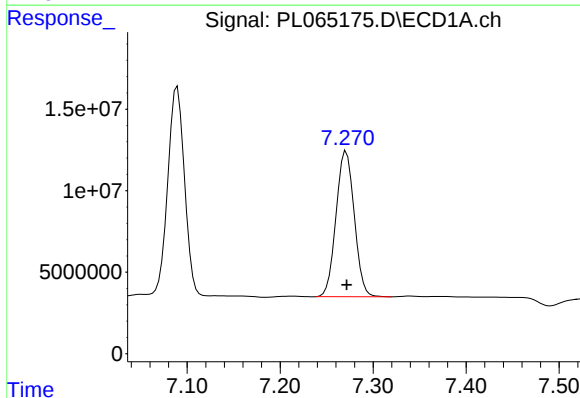
Manual Integrations  
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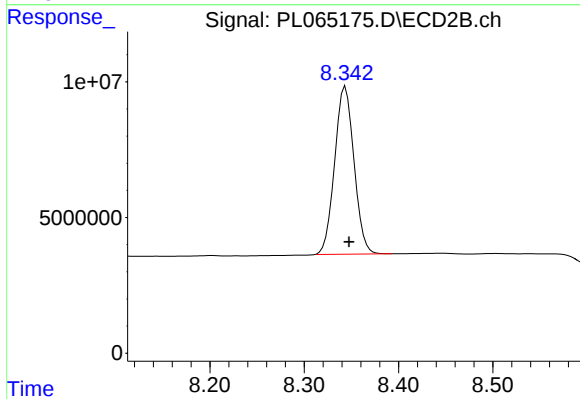
#21 Endrin ketone

R.T.: 7.893 min  
Delta R.T.: -0.004 min  
Response: 111603612  
Conc: 52.21 ng/ml



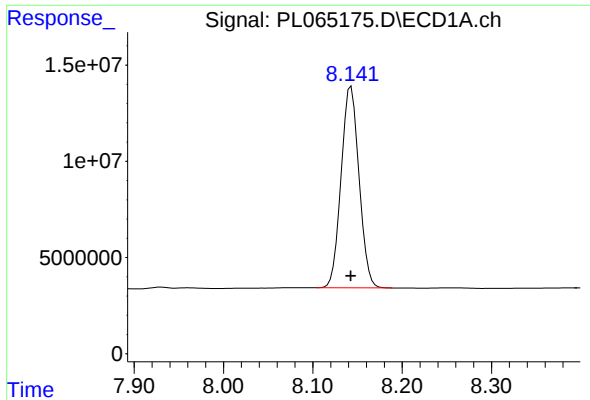
#22 Mirex

R.T.: 7.271 min  
Delta R.T.: 0.000 min  
Response: 121757184  
Conc: 45.42 ng/ml



#22 Mirex

R.T.: 8.344 min  
Delta R.T.: -0.004 min  
Response: 88134118  
Conc: 52.11 ng/ml



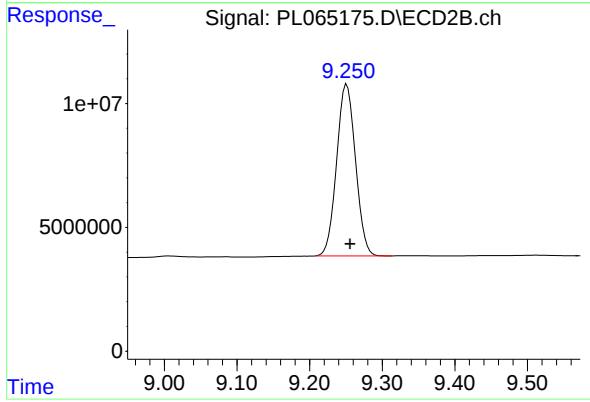
#28 Decachlorobiphenyl

R.T.: 8.143 min  
Delta R.T.: 0.000 min  
Response: 145767359  
Conc: 52.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
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#28 Decachlorobiphenyl

R.T.: 9.251 min  
Delta R.T.: -0.005 min  
Response: 125148436  
Conc: 56.98 ng/ml