

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL061919\  
 Data File : PL049674.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 Jun 2019 00:44  
 Operator : SM\AJ  
 Sample : PB120752BSD  
 Misc :  
 ALS Vial : 48 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB120752BSD

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 20 06:38:26 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL053019.M  
 Quant Title : GC Extractables  
 QLast Update : Fri May 31 01:35:35 2019  
 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... | 3.324 | 3.935 | 193.1E6 | 58540221 | 17.524  | 20.263 |
| 28)                         | SA Decachlor... | 7.989 | 8.971 | 215.9E6 | 60029220 | 16.978  | 17.974 |
| Target Compounds            |                 |       |       |         |          |         |        |
| 2)                          | A alpha-BHC     | 3.751 | 4.324 | 856.9E6 | 217.6E6  | 47.561  | 54.295 |
| 3)                          | MA gamma-BHC... | 4.027 | 4.608 | 817.2E6 | 204.5E6  | 48.218  | 54.628 |
| 4)                          | MA Heptachlor   | 4.312 | 5.110 | 865.5E6 | 215.0E6  | 48.874  | 53.511 |
| 5)                          | MB Aldrin       | 4.550 | 5.412 | 838.9E6 | 198.1E6  | 49.134  | 53.852 |
| 6)                          | B beta-BHC      | 4.281 | 4.783 | 337.7E6 | 91075887 | 48.601  | 52.876 |
| 7)                          | B delta-BHC     | 4.474 | 4.997 | 719.3E6 | 163.4E6  | 44.511  | 53.287 |
| 8)                          | B Heptachlo...  | 4.986 | 5.799 | 763.0E6 | 180.6E6  | 51.450  | 55.242 |
| 9)                          | A Endosulfan I  | 5.317 | 6.154 | 731.1E6 | 166.5E6  | 49.958  | 51.704 |
| 10)                         | B gamma-Chl...  | 5.208 | 6.033 | 796.1E6 | 181.5E6  | 49.870  | 52.483 |
| 11)                         | B alpha-Chl...  | 5.265 | 6.105 | 770.6E6 | 179.1E6  | 49.325  | 51.622 |
| 12)                         | B 4,4'-DDE      | 5.433 | 6.265 | 768.5E6 | 171.8E6  | 49.128  | 52.339 |
| 13)                         | MA Dieldrin     | 5.556 | 6.411 | 784.6E6 | 174.0E6  | 51.310  | 51.872 |
| 14)                         | MA Endrin       | 5.809 | 6.628 | 702.4E6 | 144.0E6  | 48.702  | 48.244 |
| 15)                         | B Endosulfa...  | 6.084 | 6.840 | 661.9E6 | 149.8E6  | 50.124  | 49.394 |
| 16)                         | A 4,4'-DDD      | 5.943 | 6.755 | 601.5E6 | 131.2E6  | 50.543  | 49.884 |
| 17)                         | MA 4,4'-DDT     | 6.178 | 7.052 | 610.0E6 | 136.6E6  | 49.544  | 48.722 |
| 18)                         | B Endrin al...  | 6.251 | 6.963 | 543.4E6 | 128.9E6  | 49.651  | 49.978 |
| 19)                         | B Endosulfa...  | 6.462 | 7.187 | 592.8E6 | 141.6E6  | 45.654  | 46.576 |
| 20)                         | A Methoxychlor  | 6.723 | 7.513 | 293.6E6 | 75793897 | 45.770  | 45.718 |
| 21)                         | B Endrin ke...  | 6.943 | 7.656 | 683.2E6 | 156.9E6  | 48.007m | 49.323 |
| 22)                         | Mirex           | 7.118 | 8.105 | 510.7E6 | 127.1E6  | 48.471  | 48.941 |
| -----                       |                 |       |       |         |          |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL061919\  
Data File : PL049674.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 20 Jun 2019 00:44  
Operator : SM\AJ  
Sample : PB120752BSD  
Misc :  
ALS Vial : 48 Sample Multiplier: 1

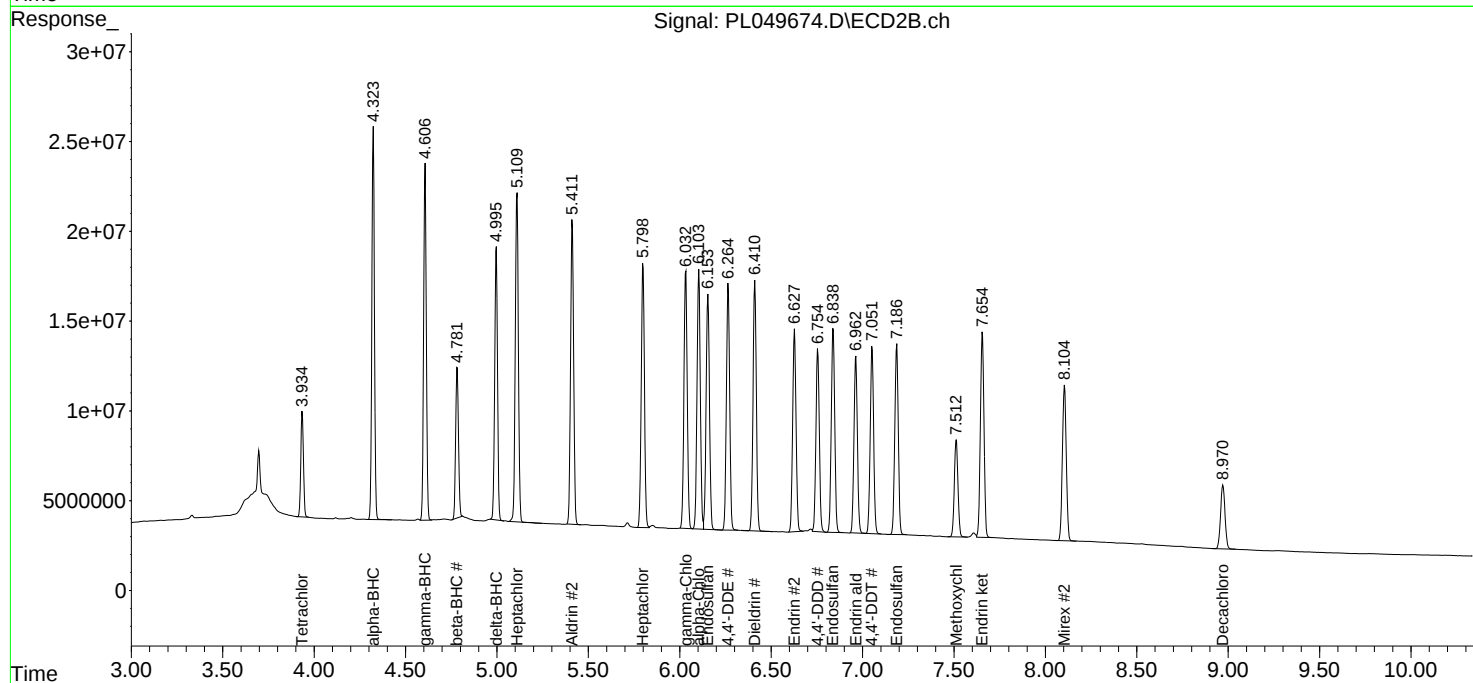
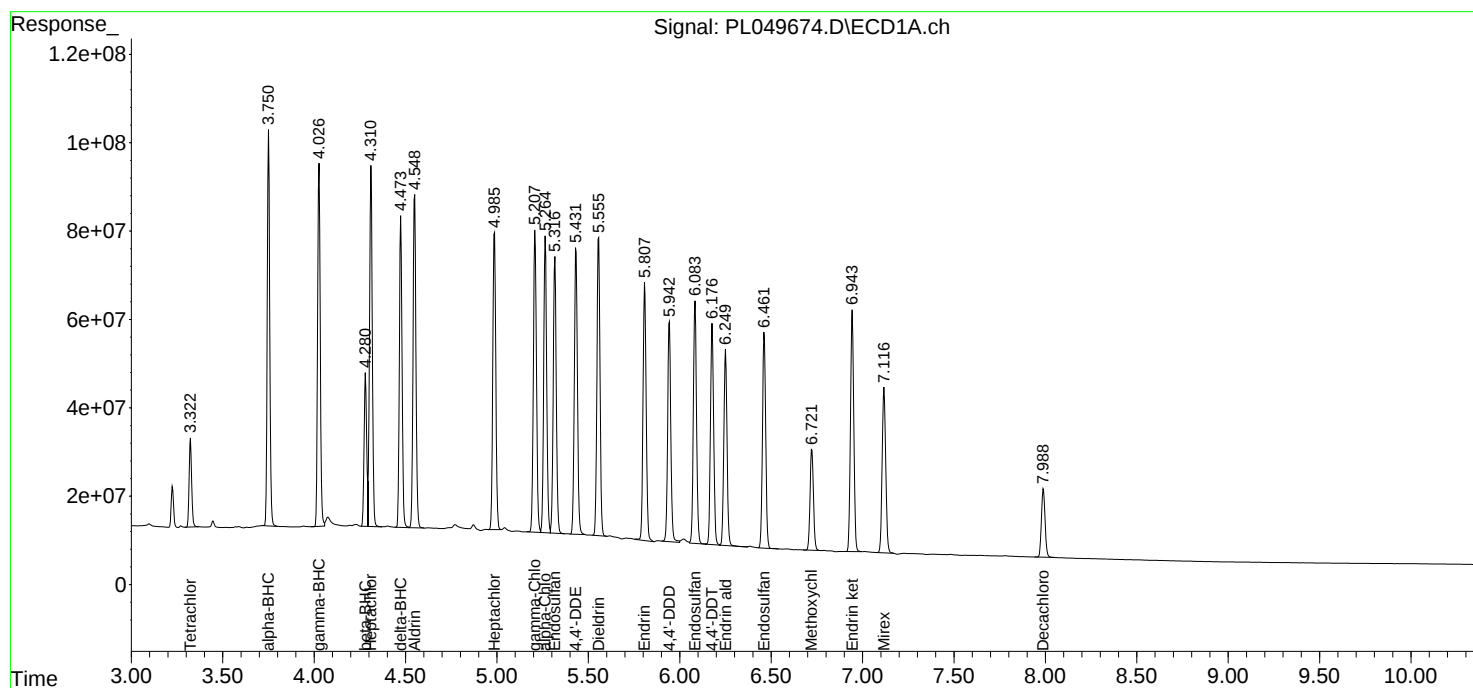
Instrument :  
ECD\_L  
ClientSampleId :  
PB120752BSD

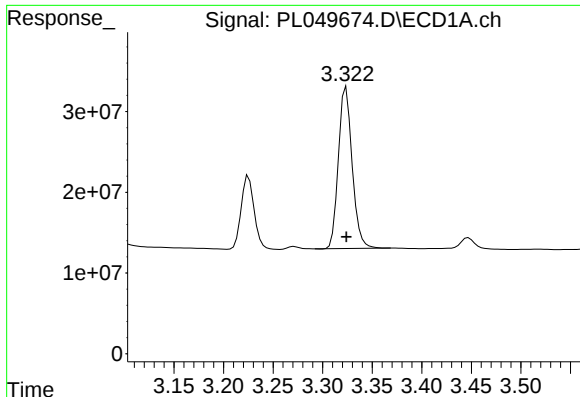
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 20 06:38:26 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL053019.M  
Quant Title : GC Extractables  
QLast Update : Fri May 31 01:35:35 2019  
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





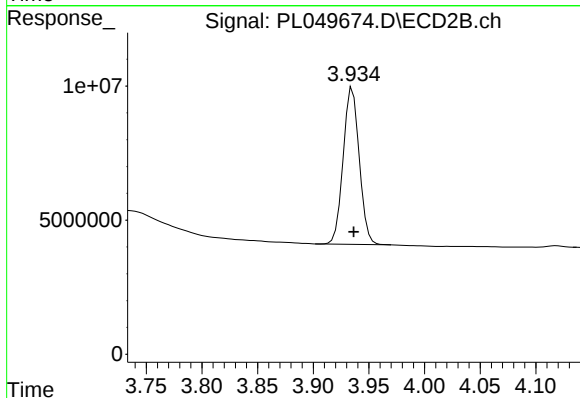
#1 Tetrachloro-m-xylene

R.T.: 3.324 min  
Delta R.T.: 0.000 min  
Response: 193098035  
Conc: 17.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB120752BSD

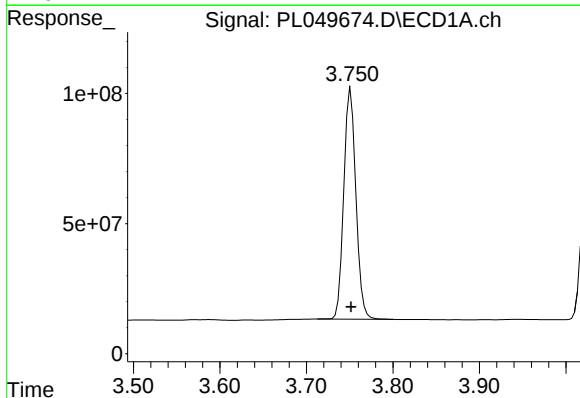
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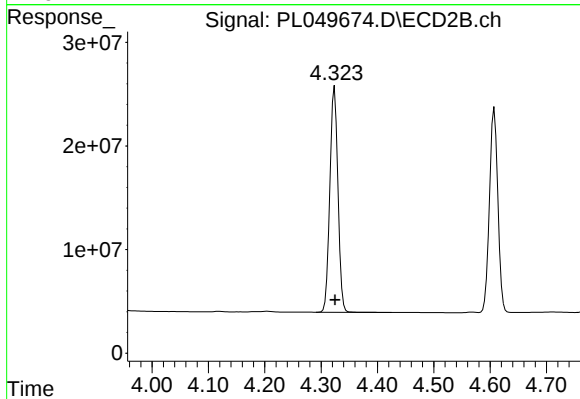
#1 Tetrachloro-m-xylene

R.T.: 3.935 min  
Delta R.T.: -0.001 min  
Response: 58540221  
Conc: 20.26 ng/ml



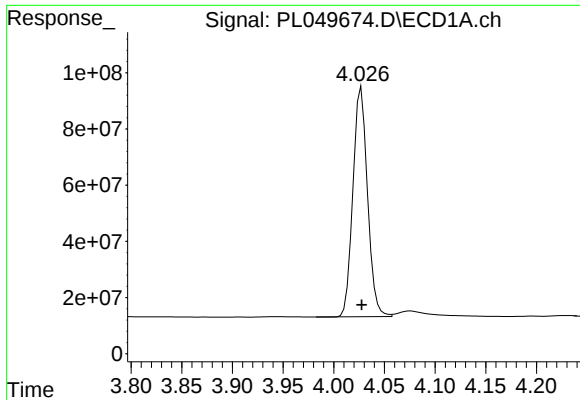
#2 alpha-BHC

R.T.: 3.751 min  
Delta R.T.: 0.000 min  
Response: 856880256  
Conc: 47.56 ng/ml



#2 alpha-BHC

R.T.: 4.324 min  
Delta R.T.: 0.000 min  
Response: 217629321  
Conc: 54.29 ng/ml



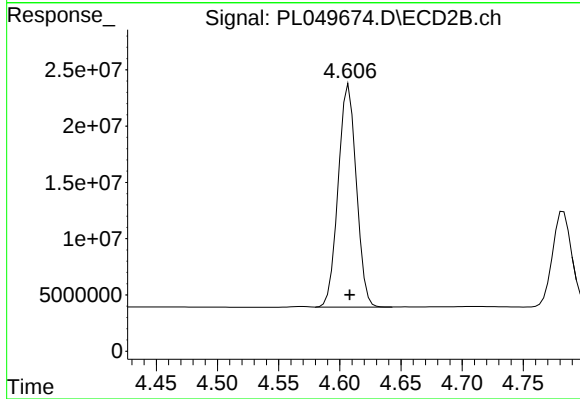
#3 gamma-BHC (Lindane)

R.T.: 4.027 min  
Delta R.T.: 0.000 min  
Response: 817228568  
Conc: 48.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB120752BSD

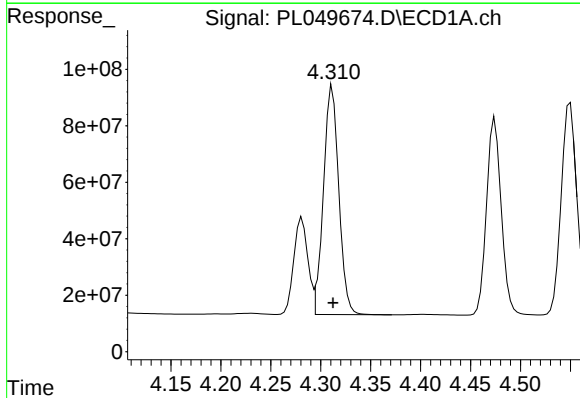
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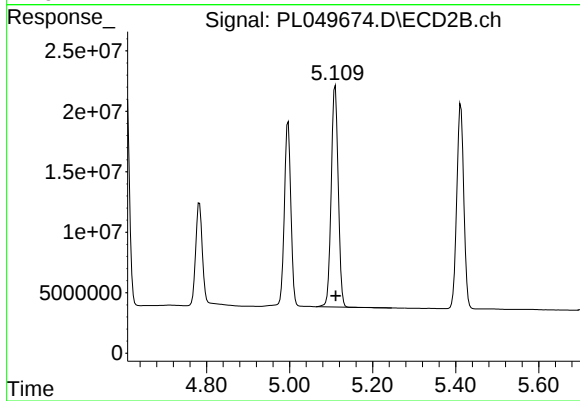
#3 gamma-BHC (Lindane)

R.T.: 4.608 min  
Delta R.T.: 0.000 min  
Response: 204507084  
Conc: 54.63 ng/ml



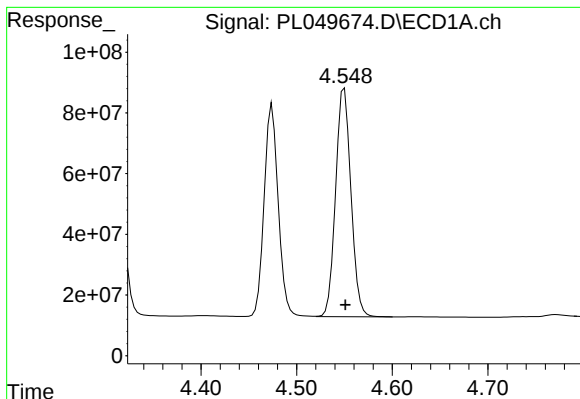
#4 Heptachlor

R.T.: 4.312 min  
Delta R.T.: 0.000 min  
Response: 865461956  
Conc: 48.87 ng/ml



#4 Heptachlor

R.T.: 5.110 min  
Delta R.T.: -0.001 min  
Response: 215037039  
Conc: 53.51 ng/ml



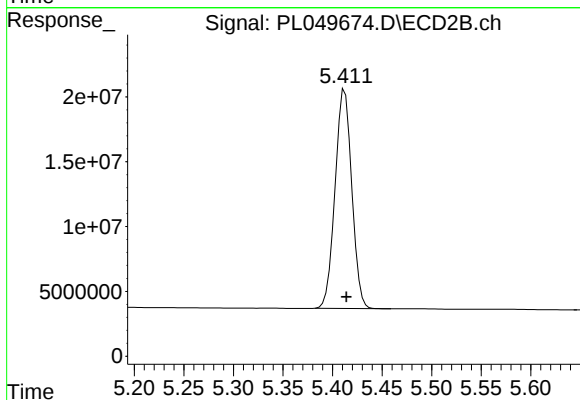
#5 Aldrin

R.T.: 4.550 min  
Delta R.T.: -0.001 min  
Response: 838927975  
Conc: 49.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB120752BSD

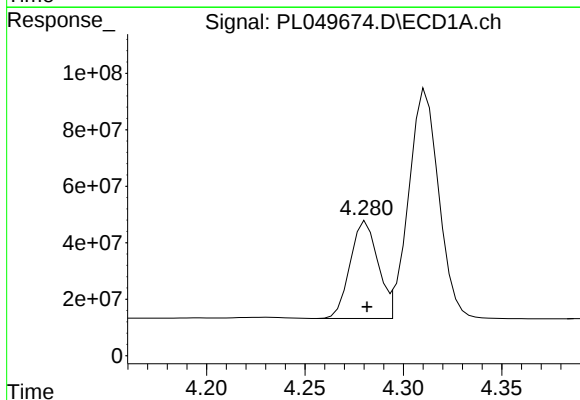
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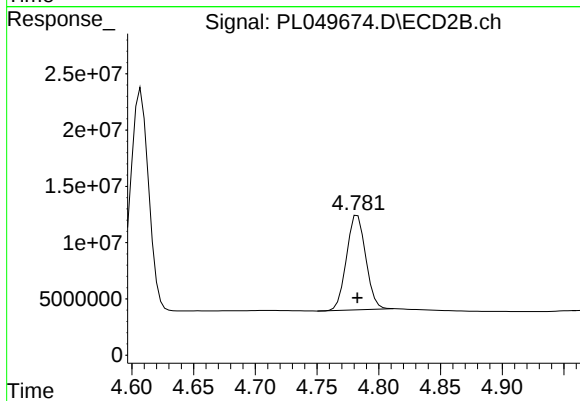
#5 Aldrin

R.T.: 5.412 min  
Delta R.T.: -0.002 min  
Response: 198130838  
Conc: 53.85 ng/ml



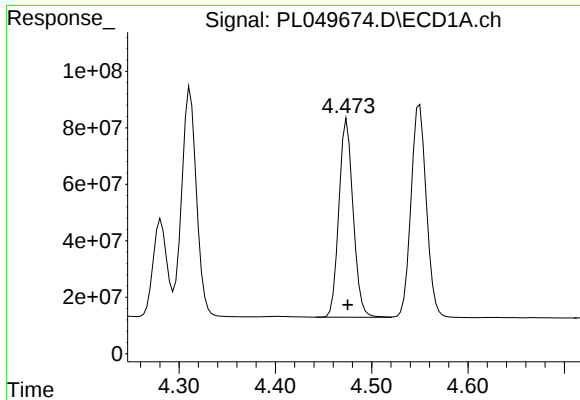
#6 beta-BHC

R.T.: 4.281 min  
Delta R.T.: 0.000 min  
Response: 337713787  
Conc: 48.60 ng/ml



#6 beta-BHC

R.T.: 4.783 min  
Delta R.T.: 0.000 min  
Response: 91075887  
Conc: 52.88 ng/ml



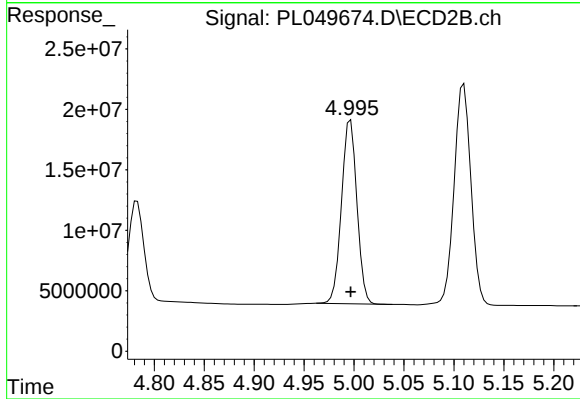
#7 delta-BHC

R.T.: 4.474 min  
Delta R.T.: 0.000 min  
Response: 719327053  
Conc: 44.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB120752BSD

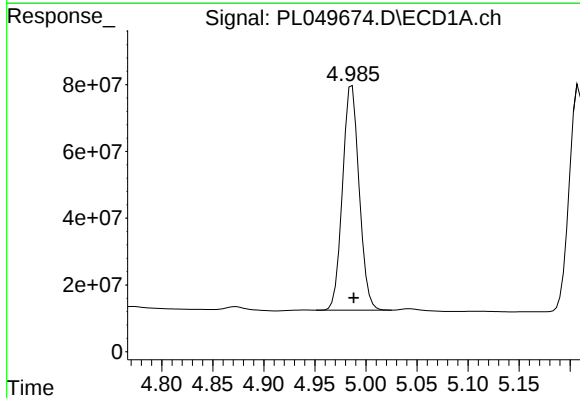
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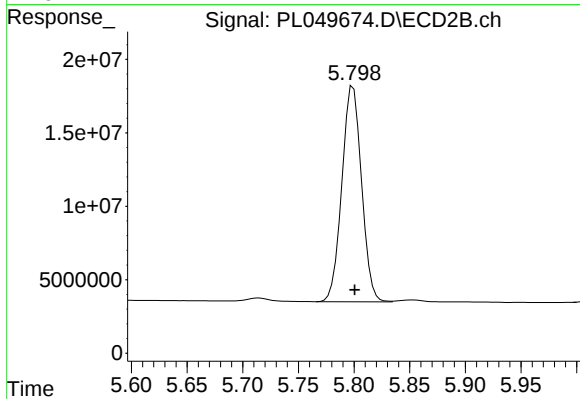
#7 delta-BHC

R.T.: 4.997 min  
Delta R.T.: 0.000 min  
Response: 163441265  
Conc: 53.29 ng/ml



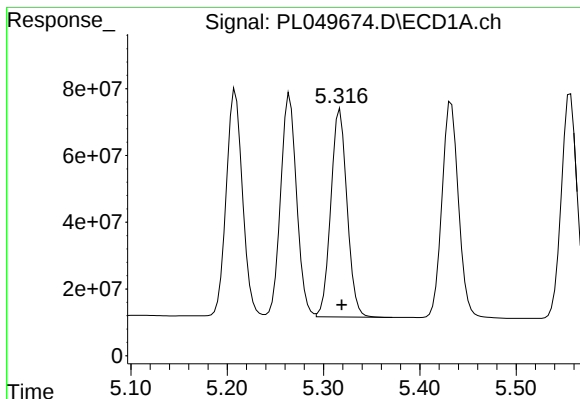
#8 Heptachlor epoxide

R.T.: 4.986 min  
Delta R.T.: -0.002 min  
Response: 763025613  
Conc: 51.45 ng/ml



#8 Heptachlor epoxide

R.T.: 5.799 min  
Delta R.T.: -0.001 min  
Response: 180575476  
Conc: 55.24 ng/ml



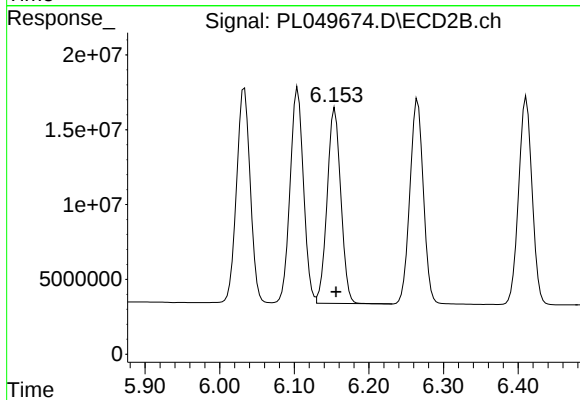
#9 Endosulfan I

R.T.: 5.317 min  
Delta R.T.: -0.002 min  
Response: 731105077  
Conc: 49.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB120752BSD

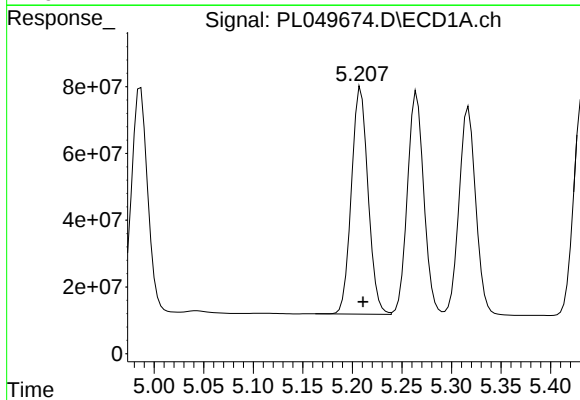
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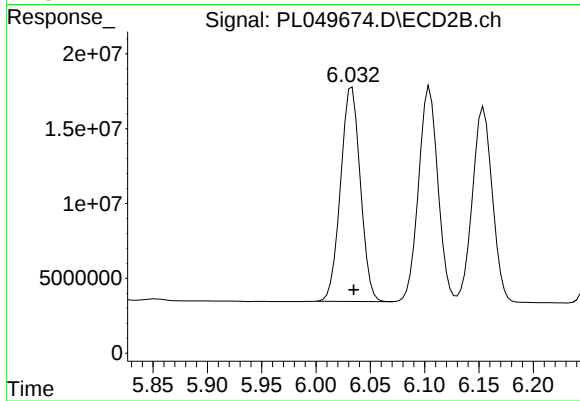
#9 Endosulfan I

R.T.: 6.154 min  
Delta R.T.: -0.002 min  
Response: 166527090  
Conc: 51.70 ng/ml



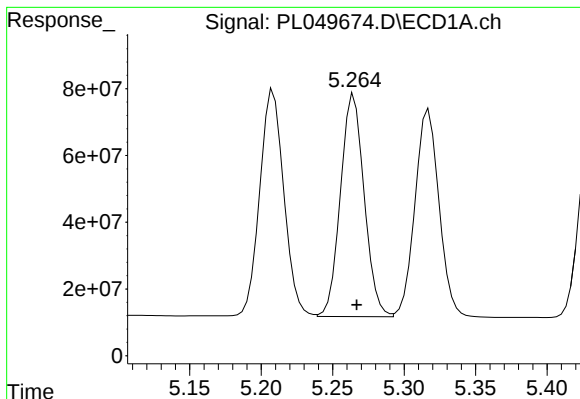
#10 gamma-Chlordane

R.T.: 5.208 min  
Delta R.T.: -0.002 min  
Response: 796122352  
Conc: 49.87 ng/ml



#10 gamma-Chlordane

R.T.: 6.033 min  
Delta R.T.: -0.002 min  
Response: 181546355  
Conc: 52.48 ng/ml



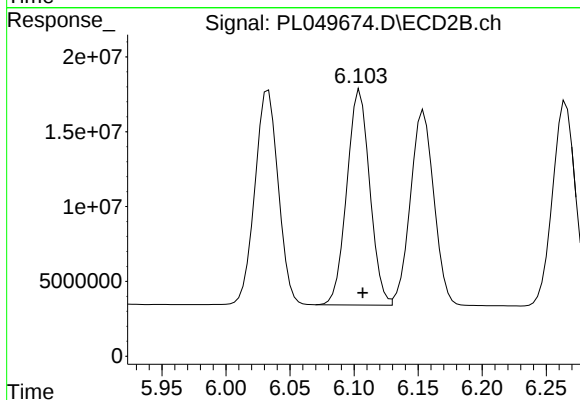
#11 alpha-Chlordane

R.T.: 5.265 min  
Delta R.T.: -0.002 min  
Response: 770557508  
Conc: 49.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB120752BSD

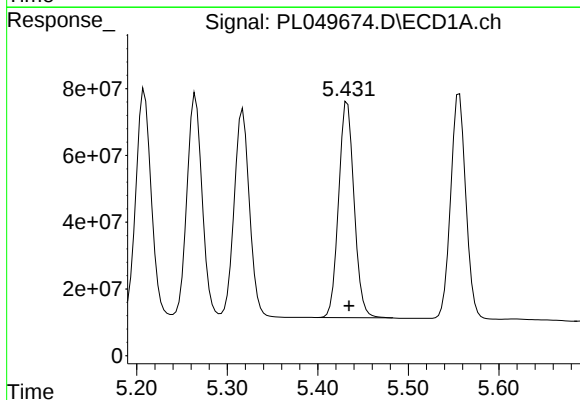
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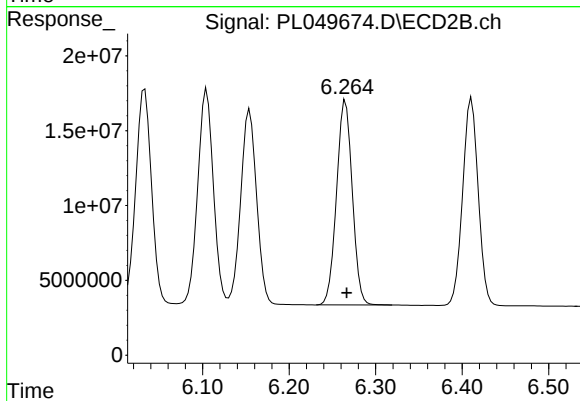
#11 alpha-Chlordane

R.T.: 6.105 min  
Delta R.T.: -0.002 min  
Response: 179085387  
Conc: 51.62 ng/ml



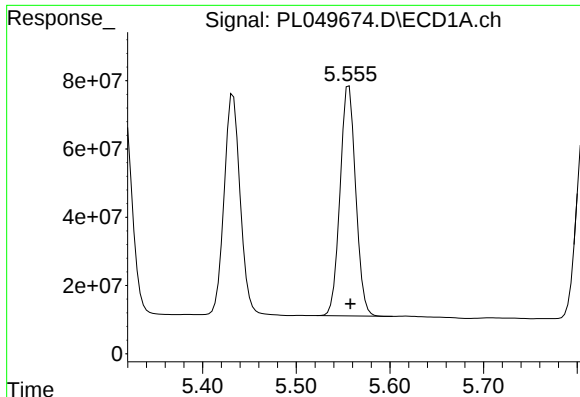
#12 4,4'-DDE

R.T.: 5.433 min  
Delta R.T.: -0.002 min  
Response: 768460100  
Conc: 49.13 ng/ml



#12 4,4'-DDE

R.T.: 6.265 min  
Delta R.T.: -0.001 min  
Response: 171815171  
Conc: 52.34 ng/ml



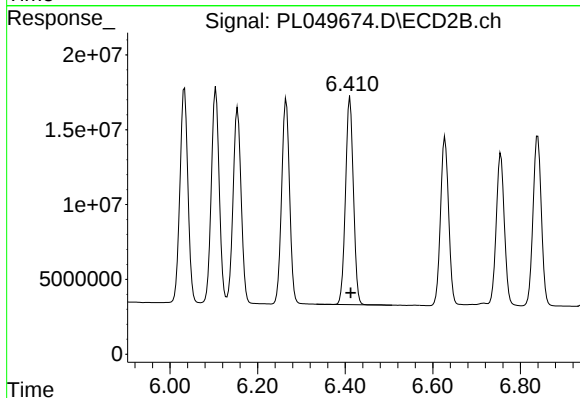
#13 Dieldrin

R.T.: 5.556 min  
Delta R.T.: -0.002 min  
Response: 784564281  
Conc: 51.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB120752BSD

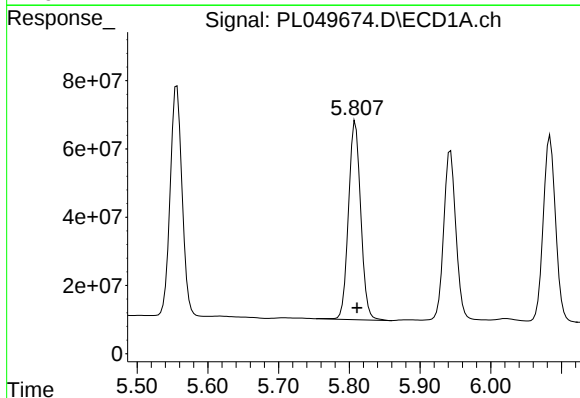
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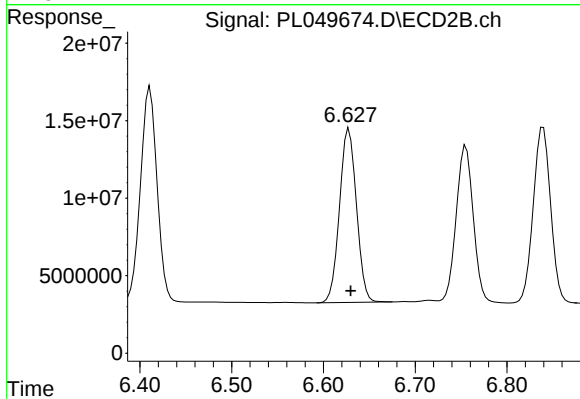
#13 Dieldrin

R.T.: 6.411 min  
Delta R.T.: -0.002 min  
Response: 173966964  
Conc: 51.87 ng/ml



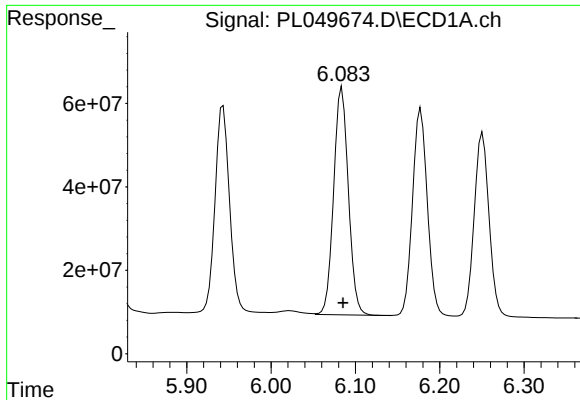
#14 Endrin

R.T.: 5.809 min  
Delta R.T.: -0.002 min  
Response: 702442097  
Conc: 48.70 ng/ml



#14 Endrin

R.T.: 6.628 min  
Delta R.T.: -0.002 min  
Response: 143970886  
Conc: 48.24 ng/ml



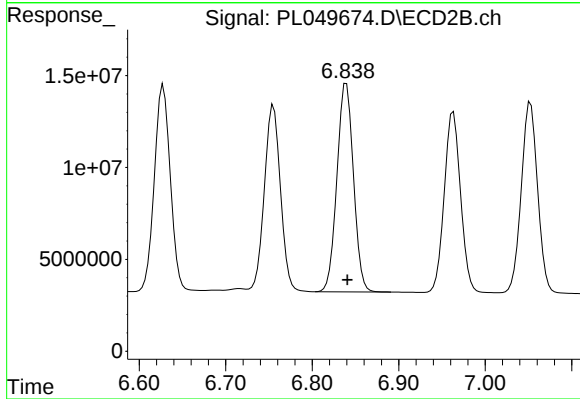
#15 Endosulfan II

R.T.: 6.084 min  
Delta R.T.: -0.001 min  
Response: 661908072  
Conc: 50.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB120752BSD

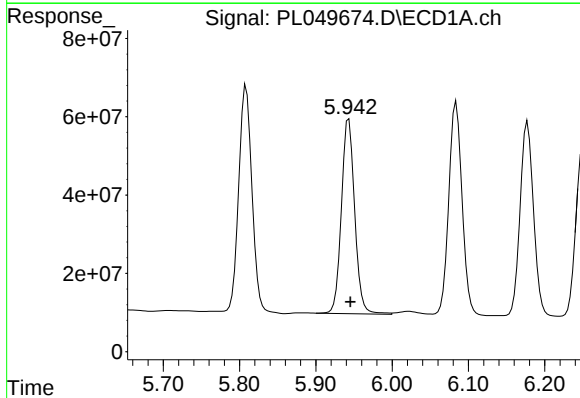
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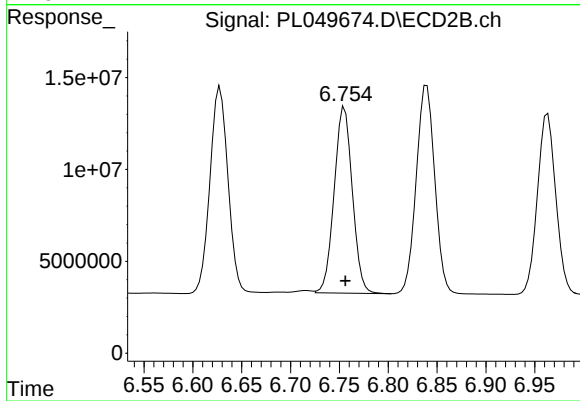
#15 Endosulfan II

R.T.: 6.840 min  
Delta R.T.: -0.001 min  
Response: 149817829  
Conc: 49.39 ng/ml



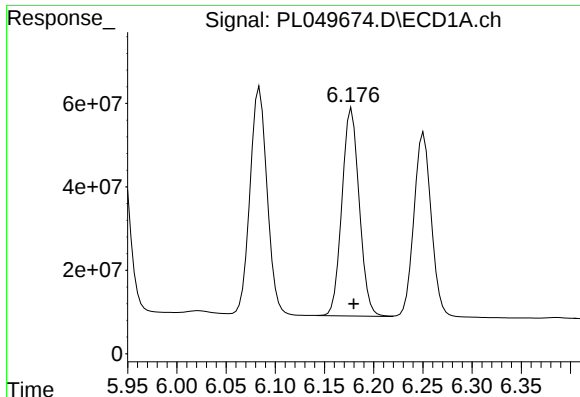
#16 4,4'-DDD

R.T.: 5.943 min  
Delta R.T.: -0.002 min  
Response: 601500823  
Conc: 50.54 ng/ml



#16 4,4'-DDD

R.T.: 6.755 min  
Delta R.T.: 0.000 min  
Response: 131209828  
Conc: 49.88 ng/ml



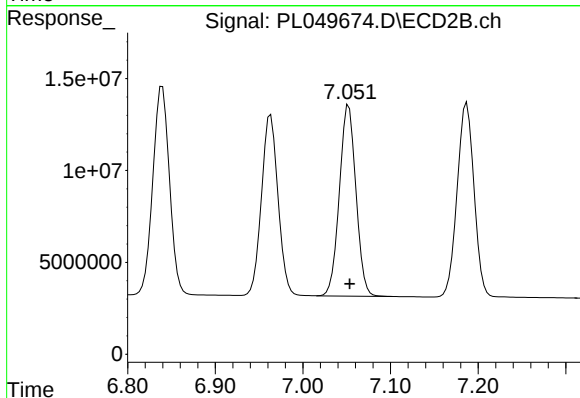
#17 4,4'-DDT

R.T.: 6.178 min  
Delta R.T.: -0.002 min  
Response: 610011346  
Conc: 49.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB120752BSD

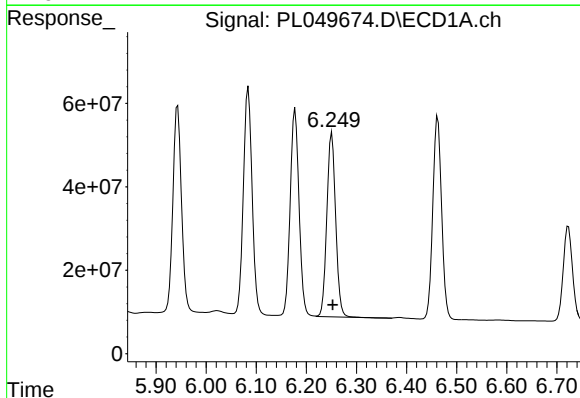
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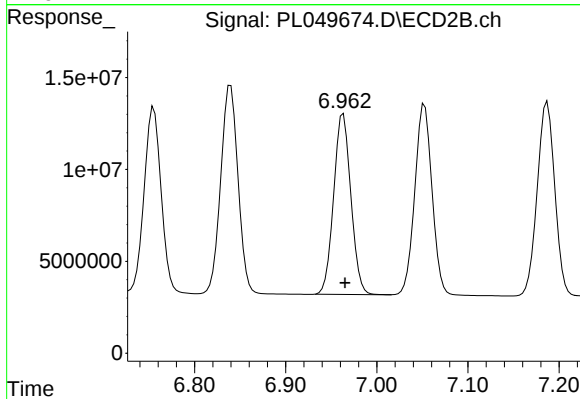
#17 4,4'-DDT

R.T.: 7.052 min  
Delta R.T.: -0.001 min  
Response: 136599923  
Conc: 48.72 ng/ml



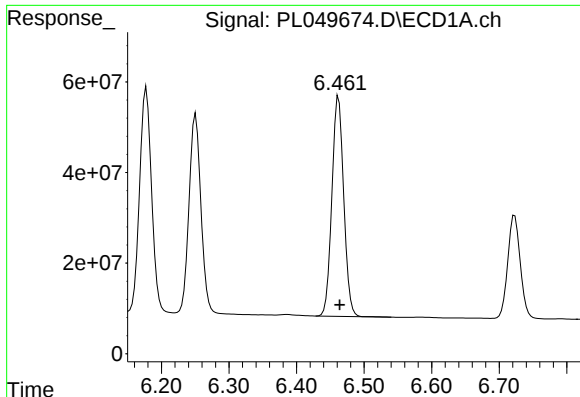
#18 Endrin aldehyde

R.T.: 6.251 min  
Delta R.T.: -0.002 min  
Response: 543377645  
Conc: 49.65 ng/ml



#18 Endrin aldehyde

R.T.: 6.963 min  
Delta R.T.: -0.002 min  
Response: 128904897  
Conc: 49.98 ng/ml



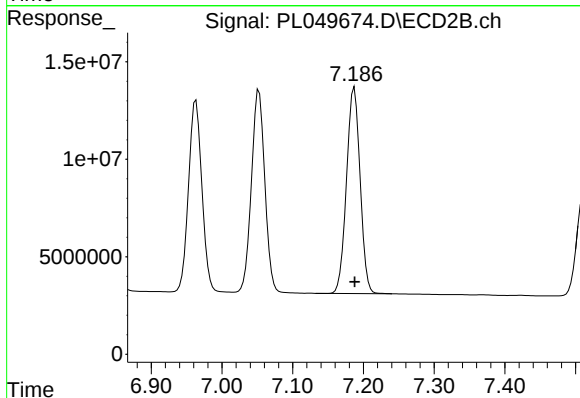
#19 Endosulfan Sulfate

R.T.: 6.462 min  
Delta R.T.: -0.001 min  
Response: 592755055  
Conc: 45.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB120752BSD

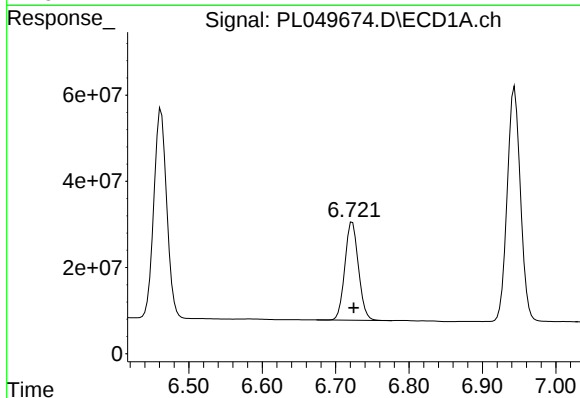
Manual Integrations  
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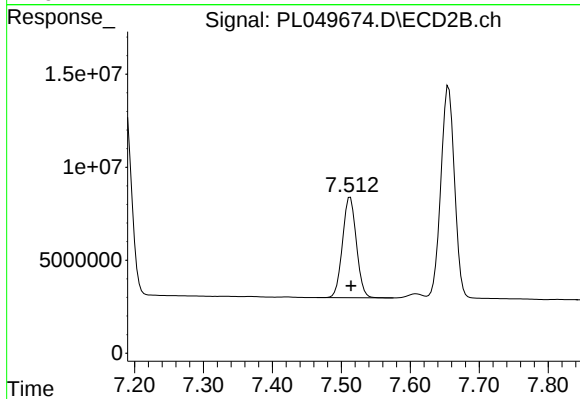
#19 Endosulfan Sulfate

R.T.: 7.187 min  
Delta R.T.: 0.000 min  
Response: 141630111  
Conc: 46.58 ng/ml



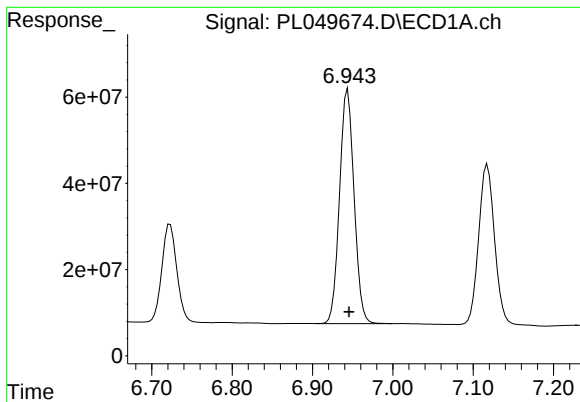
#20 Methoxychlor

R.T.: 6.723 min  
Delta R.T.: -0.002 min  
Response: 293554293  
Conc: 45.77 ng/ml



#20 Methoxychlor

R.T.: 7.513 min  
Delta R.T.: -0.001 min  
Response: 75793897  
Conc: 45.72 ng/ml



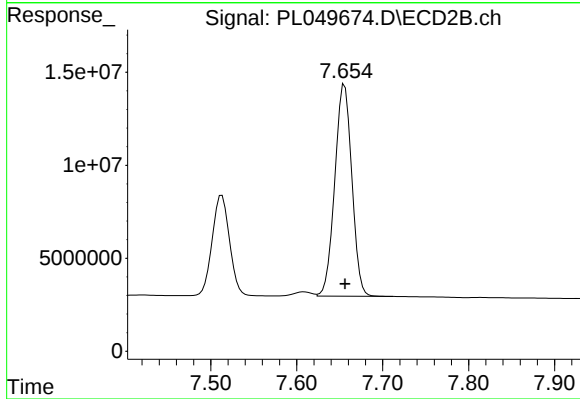
#21 Endrin ketone

R.T.: 6.943 min  
Delta R.T.: -0.003 min  
Response: 683224764  
Conc: 48.01 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PB120752BSD

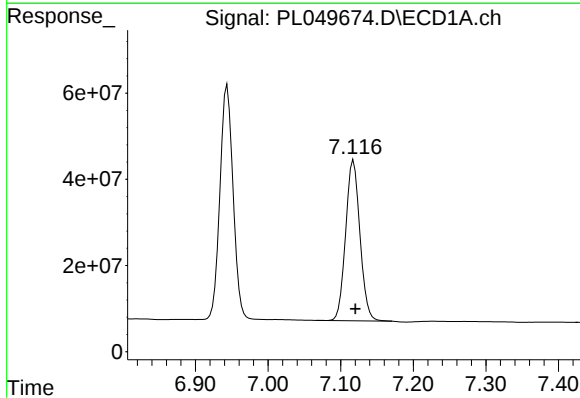
Manual Integrations  
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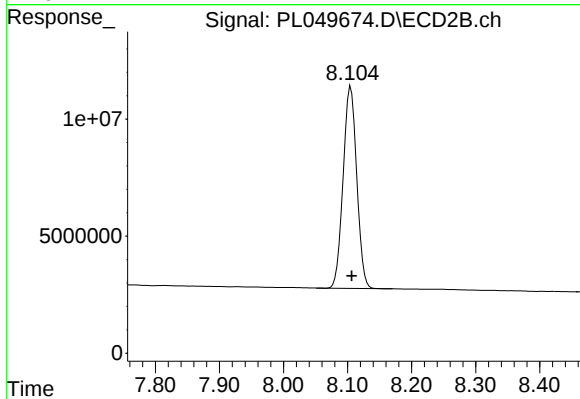
#21 Endrin ketone

R.T.: 7.656 min  
Delta R.T.: 0.000 min  
Response: 156891865  
Conc: 49.32 ng/ml



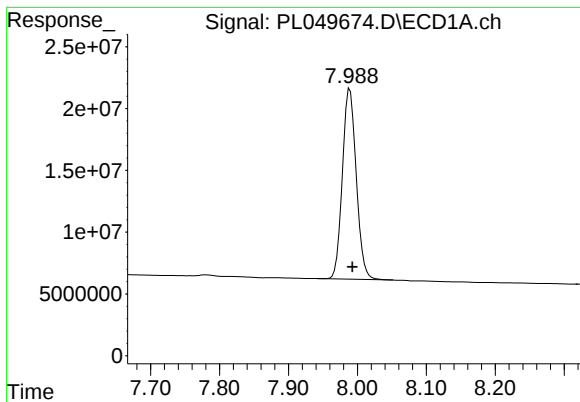
#22 Mirex

R.T.: 7.118 min  
Delta R.T.: -0.002 min  
Response: 510726210  
Conc: 48.47 ng/ml



#22 Mirex

R.T.: 8.105 min  
Delta R.T.: -0.002 min  
Response: 127124799  
Conc: 48.94 ng/ml



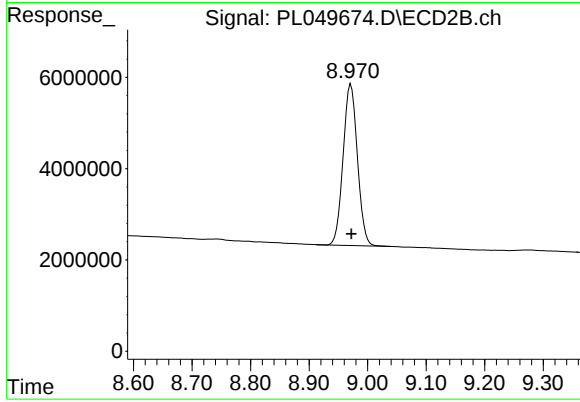
#28 Decachlorobiphenyl

R.T.: 7.989 min  
Delta R.T.: -0.003 min  
Response: 215884095  
Conc: 16.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB120752BSD

Manual Integrations  
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#28 Decachlorobiphenyl

R.T.: 8.971 min  
Delta R.T.: 0.000 min  
Response: 60029220  
Conc: 17.97 ng/ml