

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL110719\  
 Data File : PL054075.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 07 Nov 2019 16:16  
 Operator : SG\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: Nov 08 00:19:54 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL101919.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 18 13:56:08 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... | 3.540 | 4.044 | 617.5E6  | 139.8E6  | 56.972 | 55.886  |
| 28)                         | SA Decachlor... | 8.325 | 9.123 | 501.7E6  | 143.0E6  | 51.138 | 50.787  |
| Target Compounds            |                 |       |       |          |          |        |         |
| 2)                          | A alpha-BHC     | 3.984 | 4.435 | 1021.4E6 | 197.3E6  | 58.577 | 57.078  |
| 3)                          | MA gamma-BHC... | 4.271 | 4.720 | 921.9E6  | 182.3E6  | 59.198 | 56.598  |
| 4)                          | MA Heptachlor   | 4.577 | 5.230 | 920.4E6  | 172.8E6  | 58.318 | 53.641  |
| 5)                          | MB Aldrin       | 4.829 | 5.535 | 846.5E6  | 160.0E6  | 59.212 | 53.678  |
| 6)                          | B beta-BHC      | 4.521 | 4.890 | 377.4E6  | 82563855 | 57.276 | 53.452  |
| 7)                          | B delta-BHC     | 4.729 | 5.108 | 860.4E6  | 163.9E6  | 56.528 | 54.245  |
| 8)                          | B Heptachlo...  | 5.274 | 5.922 | 766.4E6  | 151.9E6  | 56.776 | 52.094  |
| 9)                          | A Endosulfan I  | 5.616 | 6.279 | 700.6E6  | 141.7E6  | 56.994 | 52.259  |
| 10)                         | B gamma-Chl...  | 5.503 | 6.154 | 768.1E6  | 153.3E6  | 56.298 | 52.542m |
| 11)                         | B alpha-Chl...  | 5.561 | 6.228 | 740.5E6  | 151.5E6  | 55.665 | 51.888  |
| 12)                         | B 4,4'-DDE      | 5.724 | 6.385 | 692.5E6  | 146.6E6  | 58.284 | 52.058  |
| 13)                         | MA Dieldrin     | 5.861 | 6.536 | 732.4E6  | 148.7E6  | 56.197 | 52.122  |
| 14)                         | MA Endrin       | 6.119 | 6.754 | 638.5E6  | 125.0E6  | 55.086 | 51.486  |
| 15)                         | B Endosulfa...  | 6.392 | 6.963 | 603.4E6  | 133.6E6  | 53.971 | 52.304  |
| 16)                         | A 4,4'-DDD      | 6.242 | 6.875 | 516.0E6  | 113.1E6  | 57.983 | 54.273  |
| 17)                         | MA 4,4'-DDT     | 6.485 | 7.174 | 532.7E6  | 117.1E6  | 53.771 | 50.634  |
| 18)                         | B Endrin al...  | 6.560 | 7.087 | 491.9E6  | 113.1E6  | 53.644 | 51.484  |
| 19)                         | B Endosulfa...  | 6.774 | 7.309 | 541.8E6  | 124.2E6  | 53.262 | 50.605  |
| 20)                         | A Methoxychlor  | 7.030 | 7.632 | 258.0E6  | 65400867 | 52.329 | 50.351  |
| 21)                         | B Endrin ke...  | 7.268 | 7.781 | 583.5E6  | 133.6E6  | 54.204 | 51.824  |
| 22)                         | Mirex           | 7.461 | 8.236 | 416.4E6  | 101.3E6  | 48.684 | 50.059  |
| -----                       |                 |       |       |          |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL110719\  
 Data File : PL054075.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 07 Nov 2019 16:16  
 Operator : SG\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

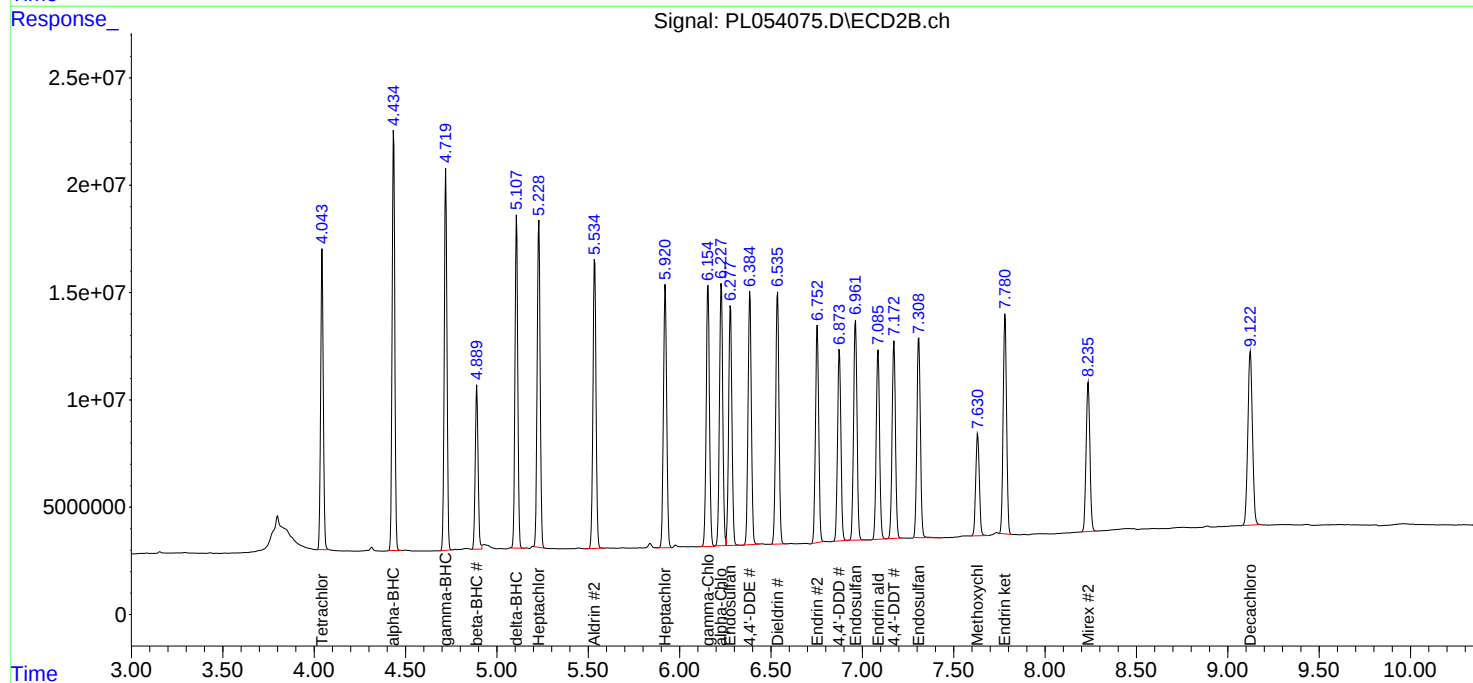
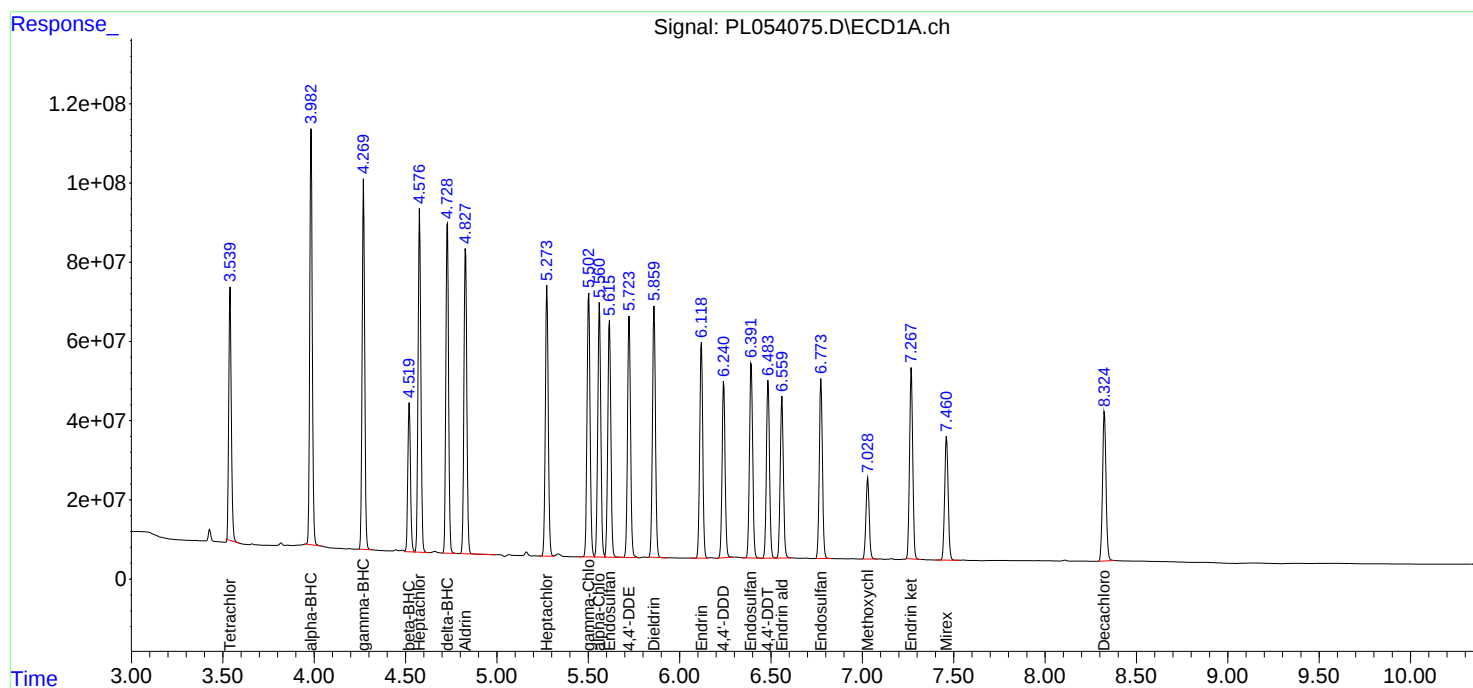
Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

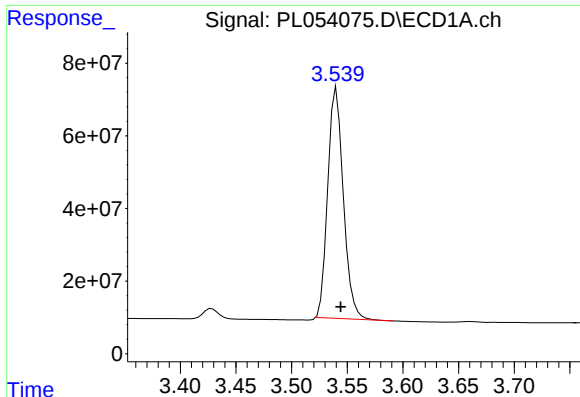
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 08 00:19:54 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL101919.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 18 13:56:08 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





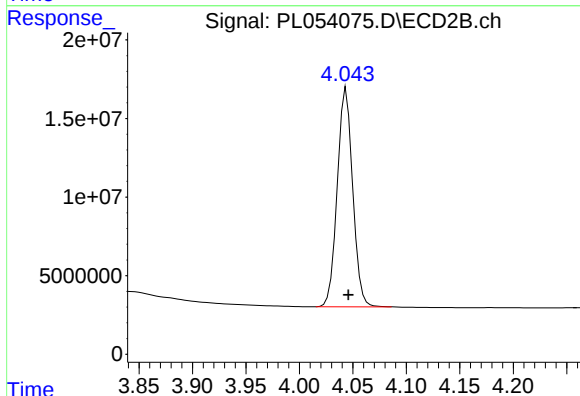
#1 Tetrachloro-m-xylene

R.T.: 3.540 min  
Delta R.T.: -0.004 min  
Response: 617543363  
Conc: 56.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

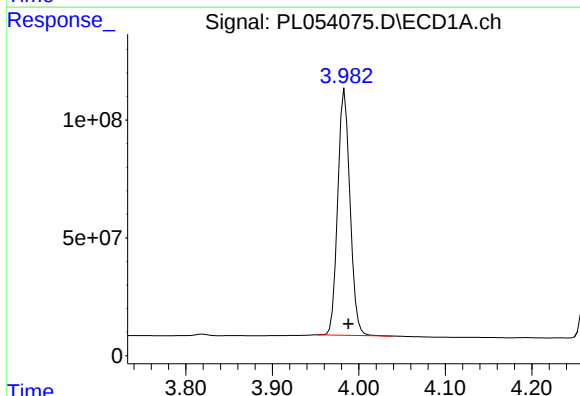
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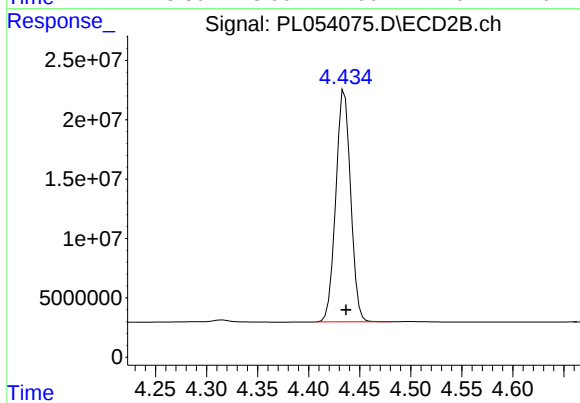
#1 Tetrachloro-m-xylene

R.T.: 4.044 min  
Delta R.T.: -0.002 min  
Response: 139847399  
Conc: 55.89 ng/ml



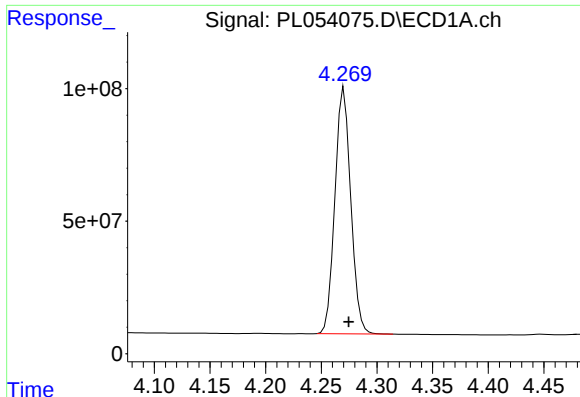
#2 alpha-BHC

R.T.: 3.984 min  
Delta R.T.: -0.004 min  
Response: 1021379560  
Conc: 58.58 ng/ml



#2 alpha-BHC

R.T.: 4.435 min  
Delta R.T.: -0.002 min  
Response: 197324598  
Conc: 57.08 ng/ml



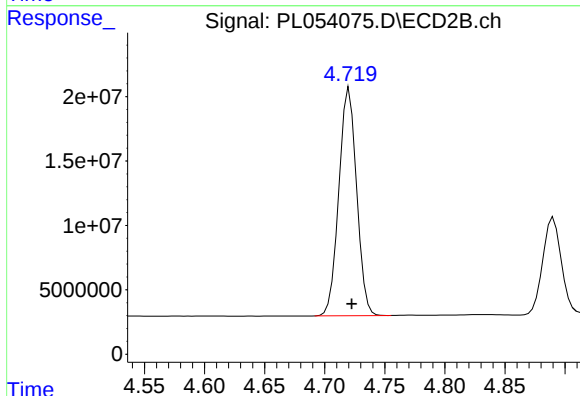
#3 gamma-BHC (Lindane)

R.T.: 4.271 min  
Delta R.T.: -0.004 min  
Response: 921934052  
Conc: 59.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

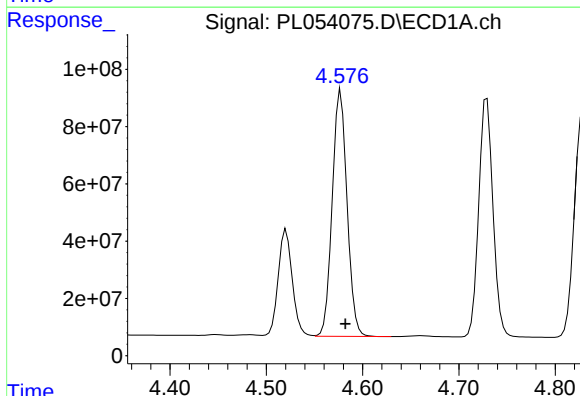
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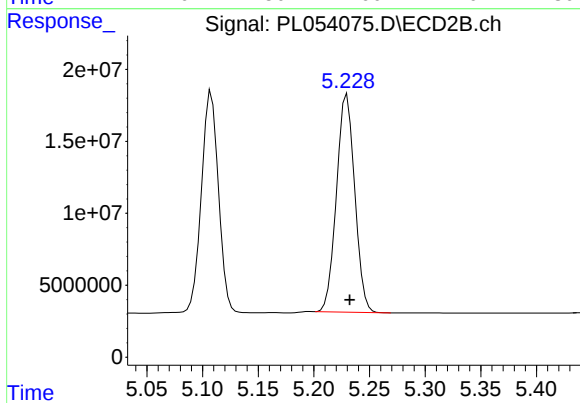
#3 gamma-BHC (Lindane)

R.T.: 4.720 min  
Delta R.T.: -0.002 min  
Response: 182266594  
Conc: 56.60 ng/ml



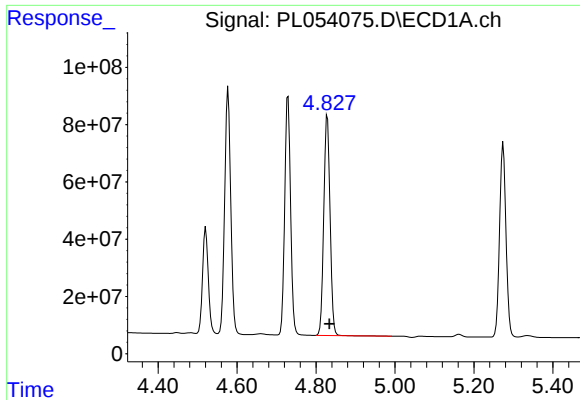
#4 Heptachlor

R.T.: 4.577 min  
Delta R.T.: -0.005 min  
Response: 920434782  
Conc: 58.32 ng/ml



#4 Heptachlor

R.T.: 5.230 min  
Delta R.T.: -0.002 min  
Response: 172841349  
Conc: 53.64 ng/ml



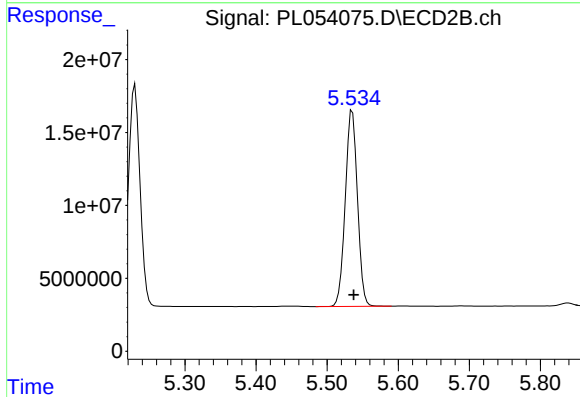
#5 Aldrin

R.T.: 4.829 min  
Delta R.T.: -0.005 min  
Response: 846471911  
Conc: 59.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

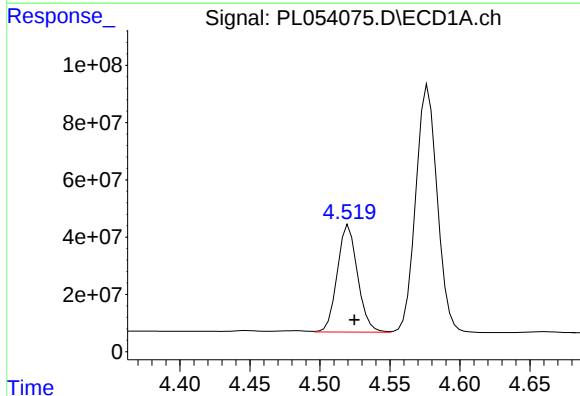
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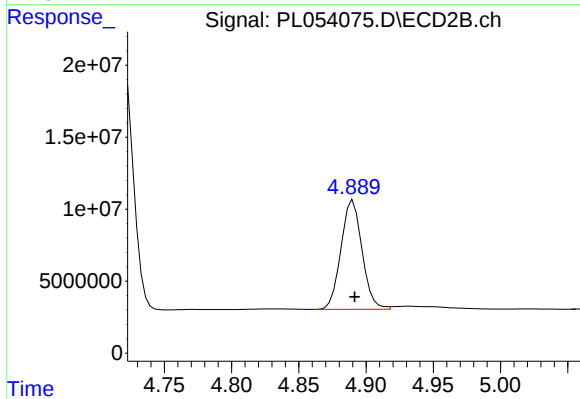
#5 Aldrin

R.T.: 5.535 min  
Delta R.T.: -0.002 min  
Response: 160042969  
Conc: 53.68 ng/ml



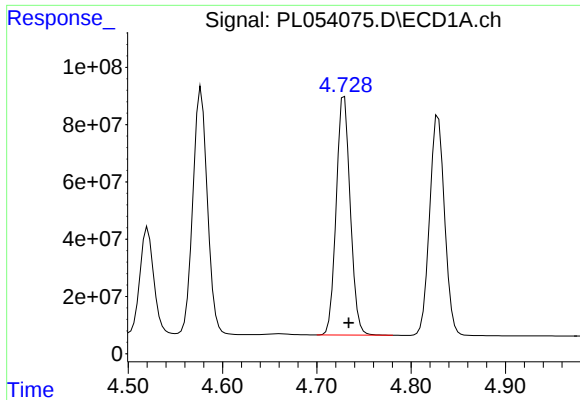
#6 beta-BHC

R.T.: 4.521 min  
Delta R.T.: -0.004 min  
Response: 377444060  
Conc: 57.28 ng/ml



#6 beta-BHC

R.T.: 4.890 min  
Delta R.T.: -0.001 min  
Response: 82563855  
Conc: 53.45 ng/ml



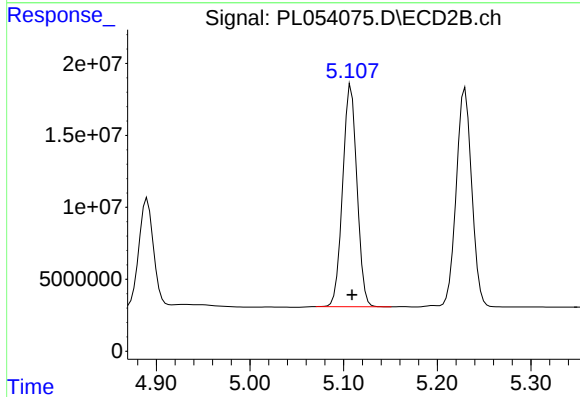
#7 delta-BHC

R.T.: 4.729 min  
Delta R.T.: -0.005 min  
Response: 860411741  
Conc: 56.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

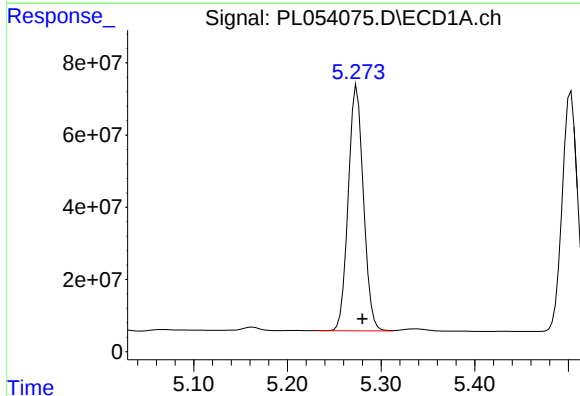
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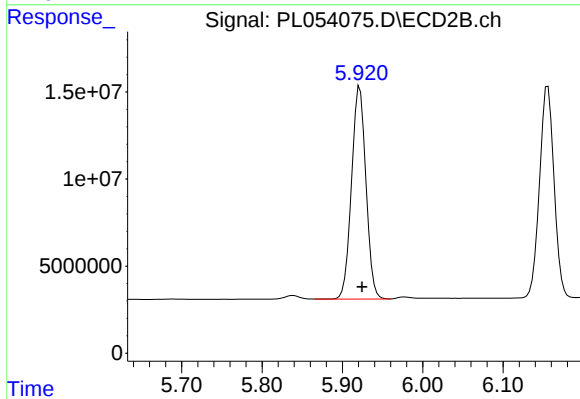
#7 delta-BHC

R.T.: 5.108 min  
Delta R.T.: -0.001 min  
Response: 163853155  
Conc: 54.25 ng/ml



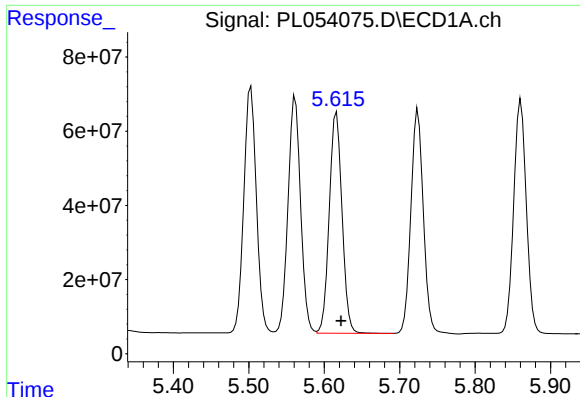
#8 Heptachlor epoxide

R.T.: 5.274 min  
Delta R.T.: -0.006 min  
Response: 766425571  
Conc: 56.78 ng/ml



#8 Heptachlor epoxide

R.T.: 5.922 min  
Delta R.T.: -0.003 min  
Response: 151927819  
Conc: 52.09 ng/ml



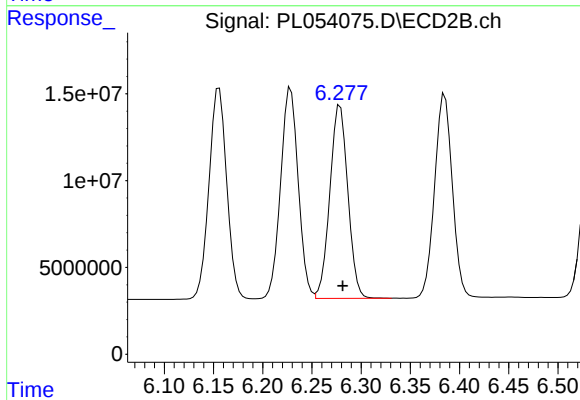
#9 Endosulfan I

R.T.: 5.616 min  
Delta R.T.: -0.006 min  
Response: 700570875  
Conc: 56.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

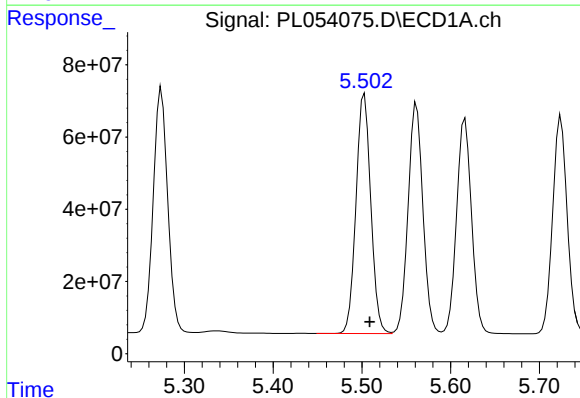
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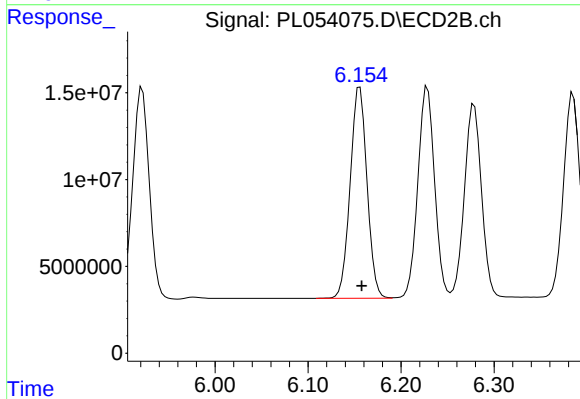
#9 Endosulfan I

R.T.: 6.279 min  
Delta R.T.: -0.003 min  
Response: 141687147  
Conc: 52.26 ng/ml



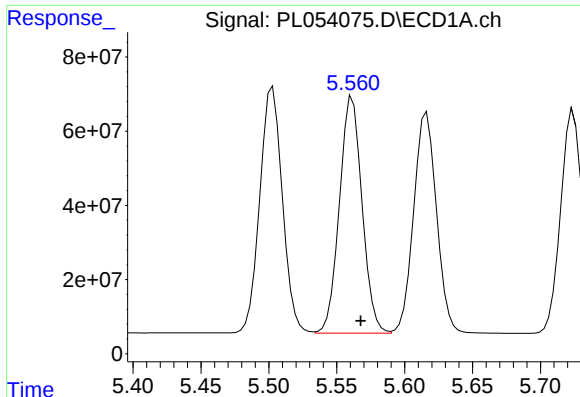
#10 gamma-Chlordane

R.T.: 5.503 min  
Delta R.T.: -0.006 min  
Response: 768109179  
Conc: 56.30 ng/ml



#10 gamma-Chlordane

R.T.: 6.154 min  
Delta R.T.: -0.004 min  
Response: 153306780  
Conc: 52.54 ng/ml m



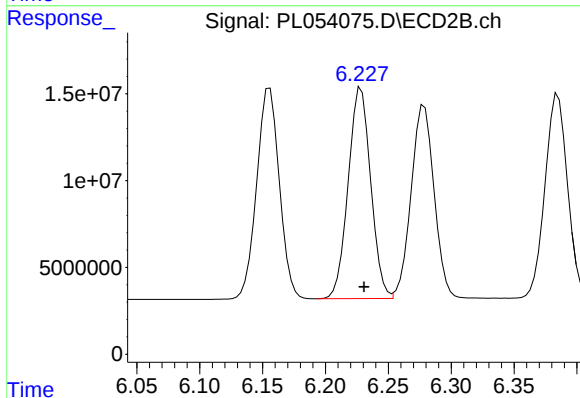
#11 alpha-Chlordane

R.T.: 5.561 min  
Delta R.T.: -0.006 min  
Response: 740544522  
Conc: 55.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

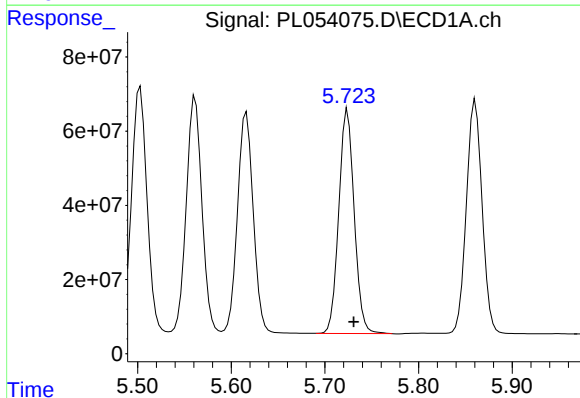
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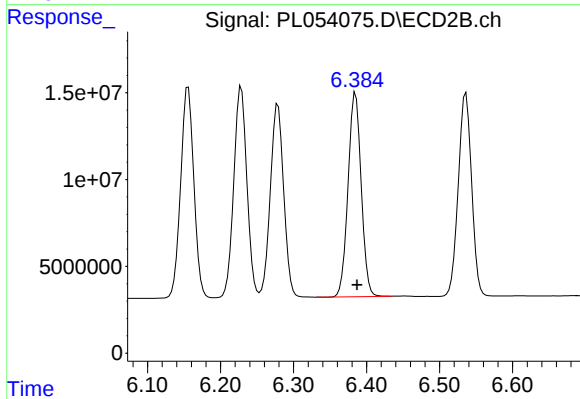
#11 alpha-Chlordane

R.T.: 6.228 min  
Delta R.T.: -0.002 min  
Response: 151472344  
Conc: 51.89 ng/ml



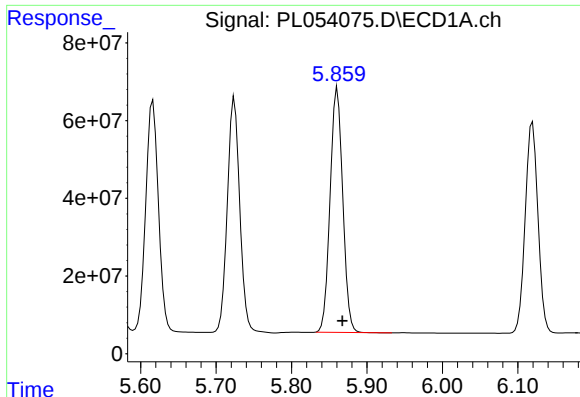
#12 4,4'-DDE

R.T.: 5.724 min  
Delta R.T.: -0.007 min  
Response: 692539563  
Conc: 58.28 ng/ml



#12 4,4'-DDE

R.T.: 6.385 min  
Delta R.T.: -0.002 min  
Response: 146612813  
Conc: 52.06 ng/ml



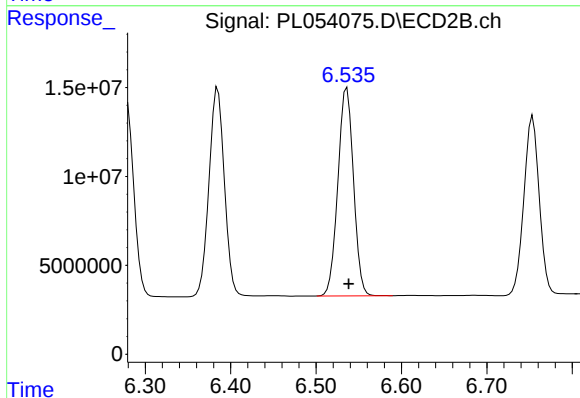
#13 Dieldrin

R.T.: 5.861 min  
Delta R.T.: -0.007 min  
Response: 732445620  
Conc: 56.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

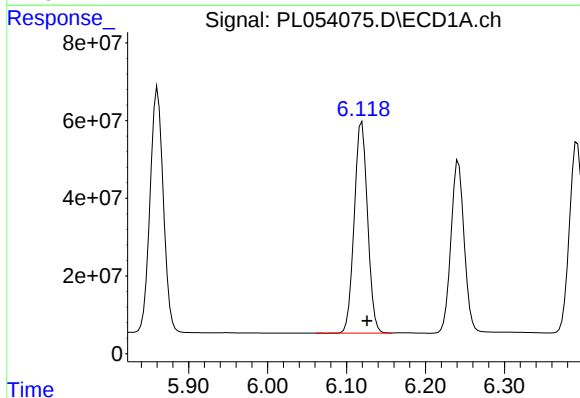
Manual Integrations  
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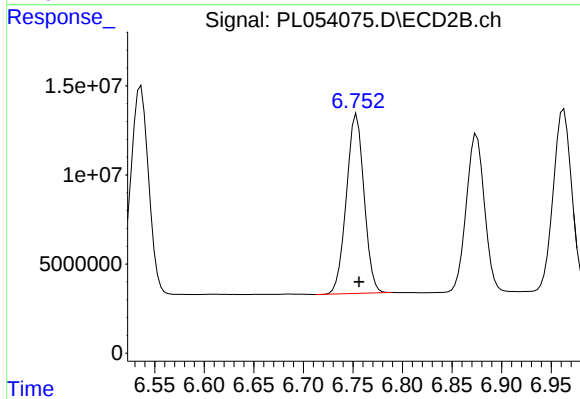
#13 Dieldrin

R.T.: 6.536 min  
Delta R.T.: -0.002 min  
Response: 148738566  
Conc: 52.12 ng/ml



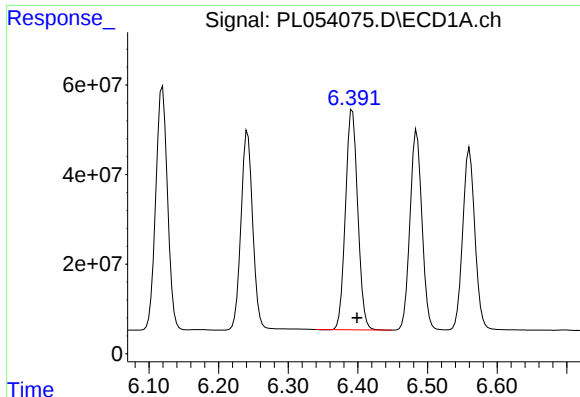
#14 Endrin

R.T.: 6.119 min  
Delta R.T.: -0.007 min  
Response: 638510091  
Conc: 55.09 ng/ml



#14 Endrin

R.T.: 6.754 min  
Delta R.T.: -0.002 min  
Response: 124967698  
Conc: 51.49 ng/ml



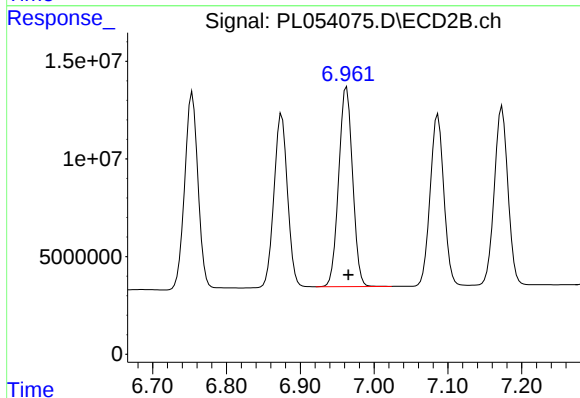
#15 Endosulfan II

R.T.: 6.392 min  
Delta R.T.: -0.007 min  
Response: 603415337  
Conc: 53.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

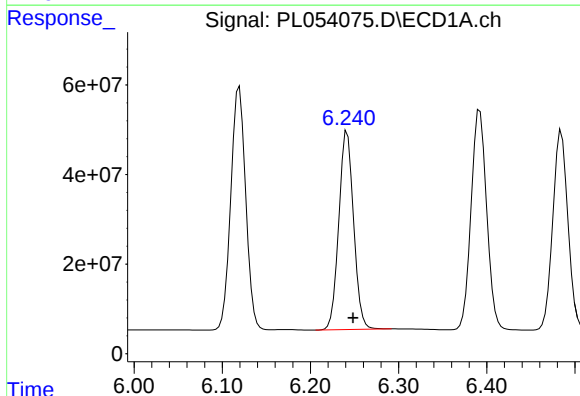
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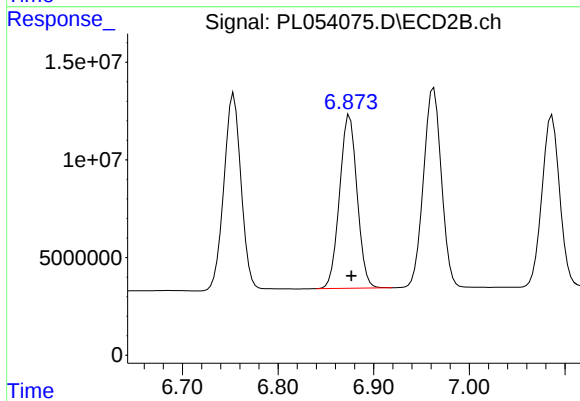
#15 Endosulfan II

R.T.: 6.963 min  
Delta R.T.: -0.002 min  
Response: 133609174  
Conc: 52.30 ng/ml



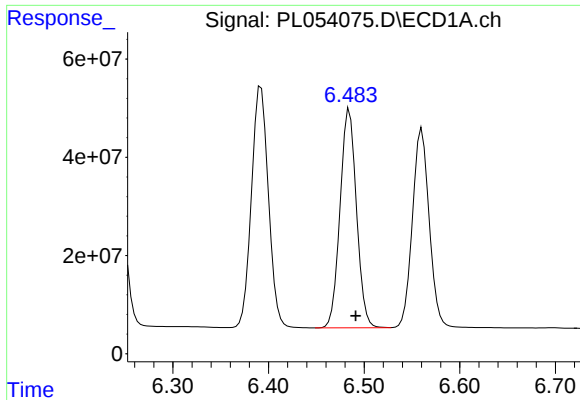
#16 4,4'-DDD

R.T.: 6.242 min  
Delta R.T.: -0.007 min  
Response: 516043279  
Conc: 57.98 ng/ml



#16 4,4'-DDD

R.T.: 6.875 min  
Delta R.T.: -0.002 min  
Response: 113103205  
Conc: 54.27 ng/ml



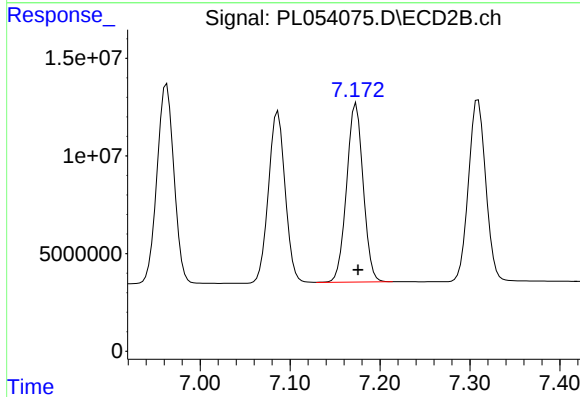
#17 4,4'-DDT

R.T.: 6.485 min  
Delta R.T.: -0.007 min  
Response: 532674908  
Conc: 53.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

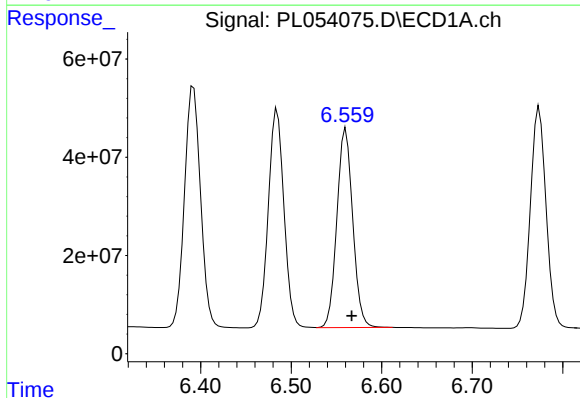
Manual Integrations  
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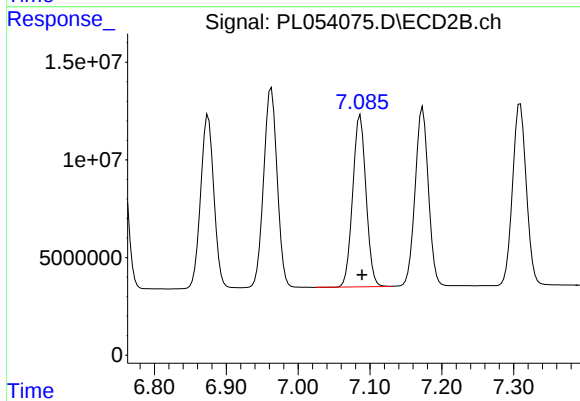
#17 4,4'-DDT

R.T.: 7.174 min  
Delta R.T.: -0.002 min  
Response: 117092548  
Conc: 50.63 ng/ml



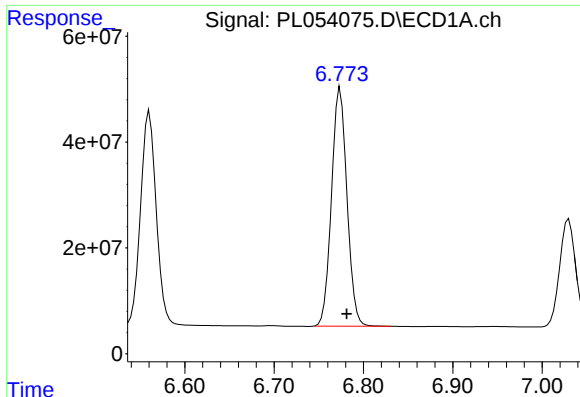
#18 Endrin aldehyde

R.T.: 6.560 min  
Delta R.T.: -0.007 min  
Response: 491878407  
Conc: 53.64 ng/ml



#18 Endrin aldehyde

R.T.: 7.087 min  
Delta R.T.: -0.002 min  
Response: 113098090  
Conc: 51.48 ng/ml



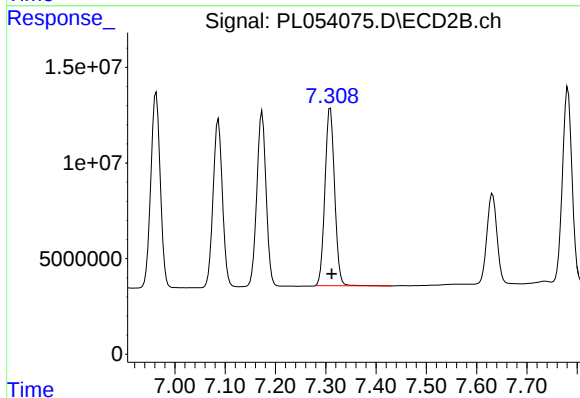
#19 Endosulfan Sulfate

R.T.: 6.774 min  
Delta R.T.: -0.007 min  
Response: 541759362  
Conc: 53.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

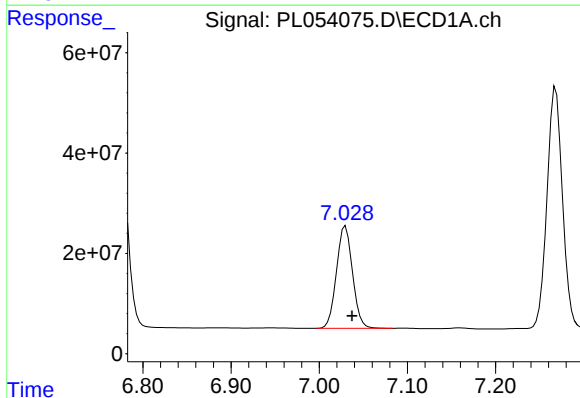
Manual Integrations  
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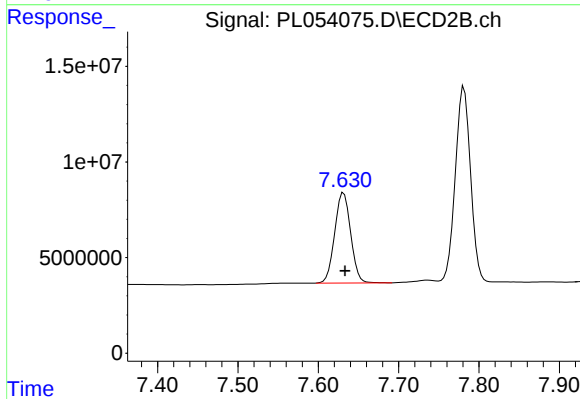
#19 Endosulfan Sulfate

R.T.: 7.309 min  
Delta R.T.: -0.002 min  
Response: 124164013  
Conc: 50.60 ng/ml



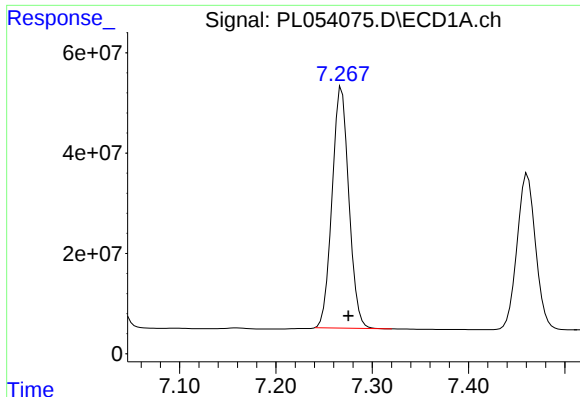
#20 Methoxychlor

R.T.: 7.030 min  
Delta R.T.: -0.007 min  
Response: 257998465  
Conc: 52.33 ng/ml



#20 Methoxychlor

R.T.: 7.632 min  
Delta R.T.: -0.002 min  
Response: 65400867  
Conc: 50.35 ng/ml



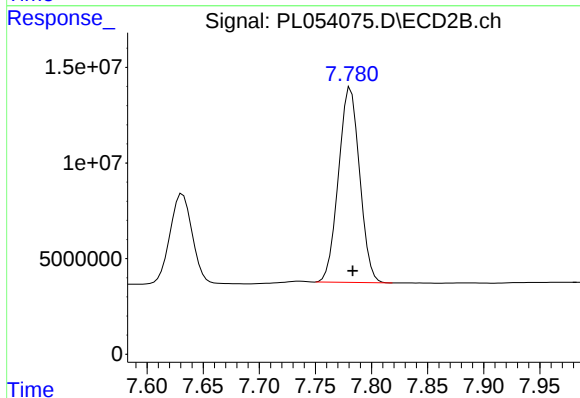
#21 Endrin ketone

R.T.: 7.268 min  
Delta R.T.: -0.007 min  
Response: 583518020  
Conc: 54.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

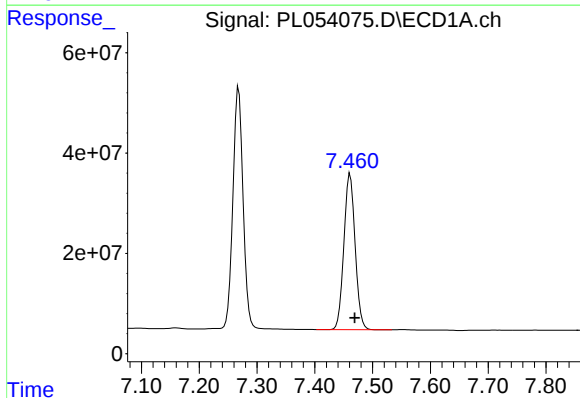
Manual Integrations  
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11/8/2019 8:46:57 AM



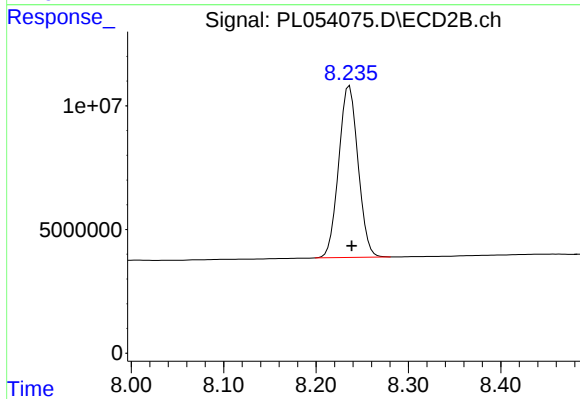
#21 Endrin ketone

R.T.: 7.781 min  
Delta R.T.: -0.002 min  
Response: 133627965  
Conc: 51.82 ng/ml



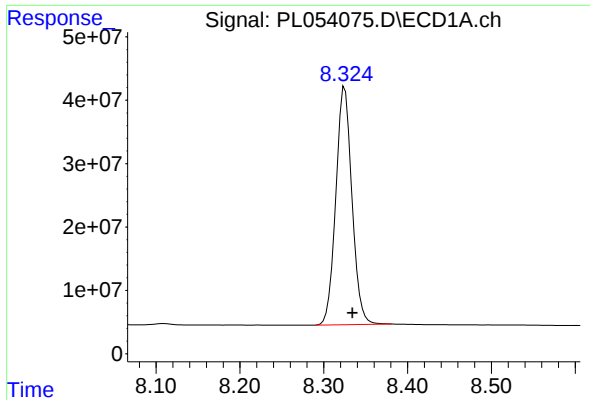
#22 Mirex

R.T.: 7.461 min  
Delta R.T.: -0.008 min  
Response: 416398137  
Conc: 48.68 ng/ml



#22 Mirex

R.T.: 8.236 min  
Delta R.T.: -0.002 min  
Response: 101272823  
Conc: 50.06 ng/ml



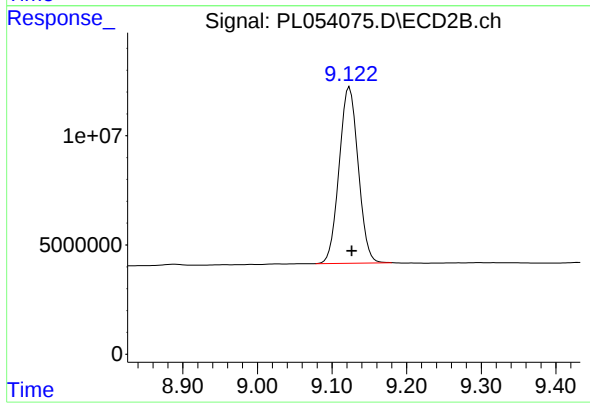
#28 Decachlorobiphenyl

R.T.: 8.325 min  
Delta R.T.: -0.009 min  
Response: 501740992  
Conc: 51.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
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#28 Decachlorobiphenyl

R.T.: 9.123 min  
Delta R.T.: -0.003 min  
Response: 143016289  
Conc: 50.79 ng/ml