

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102519\  
 Data File : PL053762.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 25 Oct 2019 18:29  
 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: Oct 25 22:35:28 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... | 3.542 | 4.045 | 587.2E6 | 131.8E6  | 54.173  | 52.661  |
| 28)                         | SA Decachlor... | 8.326 | 9.122 | 534.2E6 | 147.2E6  | 54.446m | 52.261  |
| Target Compounds            |                 |       |       |         |          |         |         |
| 2)                          | A alpha-BHC     | 3.986 | 4.436 | 942.9E6 | 184.9E6  | 54.079  | 53.496  |
| 3)                          | MA gamma-BHC... | 4.273 | 4.722 | 847.0E6 | 171.9E6  | 54.388  | 53.384  |
| 4)                          | MA Heptachlor   | 4.579 | 5.231 | 841.9E6 | 163.8E6  | 53.340  | 50.827  |
| 5)                          | MB Aldrin       | 4.831 | 5.537 | 777.4E6 | 152.3E6  | 54.377  | 51.089  |
| 6)                          | B beta-BHC      | 4.523 | 4.891 | 334.1E6 | 76962276 | 50.707  | 49.826  |
| 7)                          | B delta-BHC     | 4.731 | 5.109 | 815.9E6 | 154.4E6  | 53.602  | 51.112  |
| 8)                          | B Heptachlor... | 5.276 | 5.922 | 726.4E6 | 142.0E6  | 53.812  | 48.705  |
| 9)                          | A Endosulfan I  | 5.618 | 6.280 | 626.1E6 | 133.0E6  | 50.935  | 49.047  |
| 10)                         | B gamma-Chl...  | 5.505 | 6.155 | 723.1E6 | 145.0E6  | 53.001  | 49.684m |
| 11)                         | B alpha-Chl...  | 5.564 | 6.229 | 694.0E6 | 144.4E6  | 52.163  | 49.453  |
| 12)                         | B 4,4'-DDE      | 5.726 | 6.385 | 629.8E6 | 139.8E6  | 53.000  | 49.653  |
| 13)                         | MA Dieldrin     | 5.863 | 6.536 | 690.7E6 | 143.0E6  | 52.994  | 50.124  |
| 14)                         | MA Endrin       | 6.121 | 6.753 | 618.9E6 | 126.0E6  | 53.391  | 51.907m |
| 15)                         | B Endosulfa...  | 6.394 | 6.963 | 575.4E6 | 124.4E6  | 51.466  | 48.712  |
| 16)                         | A 4,4'-DDD      | 6.244 | 6.875 | 484.2E6 | 107.1E6  | 54.401  | 51.401  |
| 17)                         | MA 4,4'-DDT     | 6.487 | 7.174 | 528.7E6 | 121.5E6  | 53.371  | 52.542  |
| 18)                         | B Endrin al...  | 6.563 | 7.087 | 468.9E6 | 110.2E6  | 51.133  | 50.183  |
| 19)                         | B Endosulfa...  | 6.776 | 7.310 | 511.9E6 | 121.4E6  | 50.324  | 49.474  |
| 20)                         | A Methoxychlor  | 7.032 | 7.631 | 269.7E6 | 65162435 | 54.712  | 50.167  |
| 21)                         | B Endrin ke...  | 7.270 | 7.781 | 557.1E6 | 126.0E6  | 51.753  | 48.877  |
| 22)                         | Mirex           | 7.464 | 8.236 | 407.2E6 | 96640441 | 47.614  | 47.769  |
| -----                       |                 |       |       |         |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102519\  
Data File : PL053762.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 25 Oct 2019 18:29  
Operator : SG\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

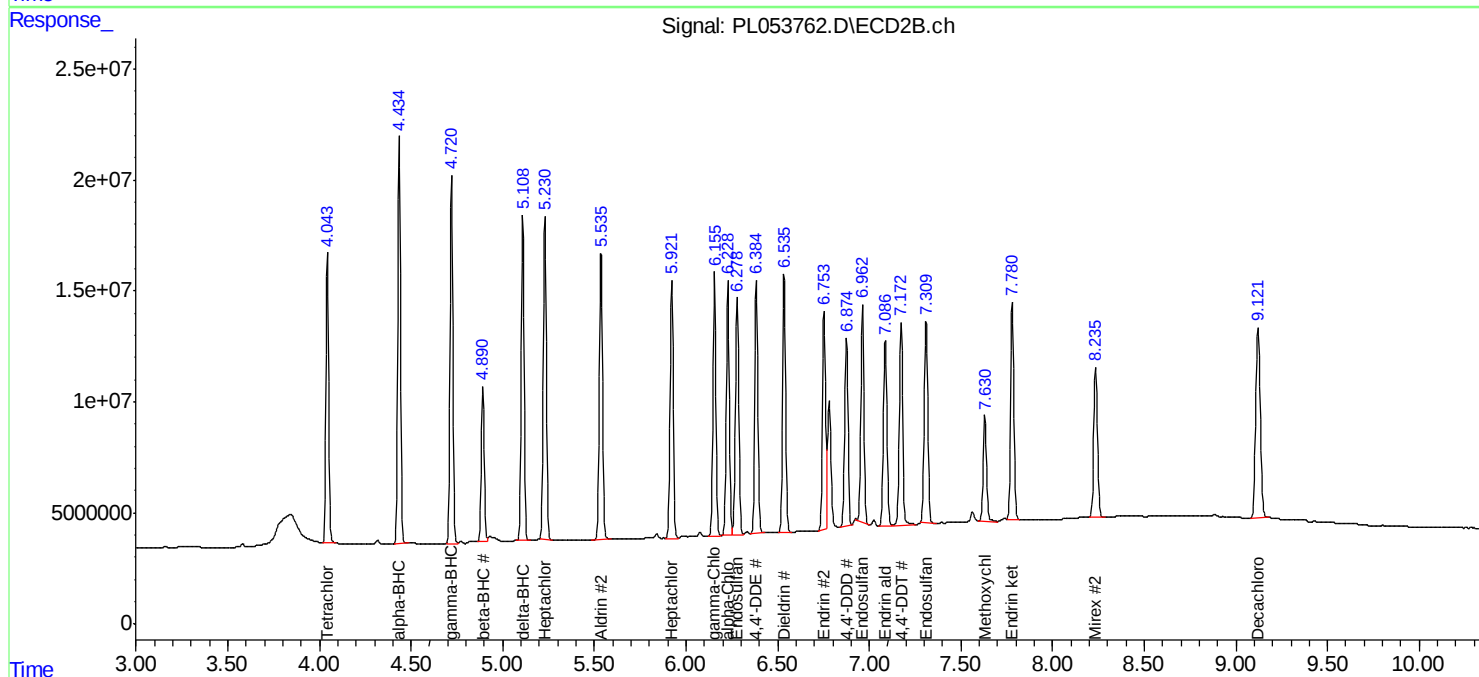
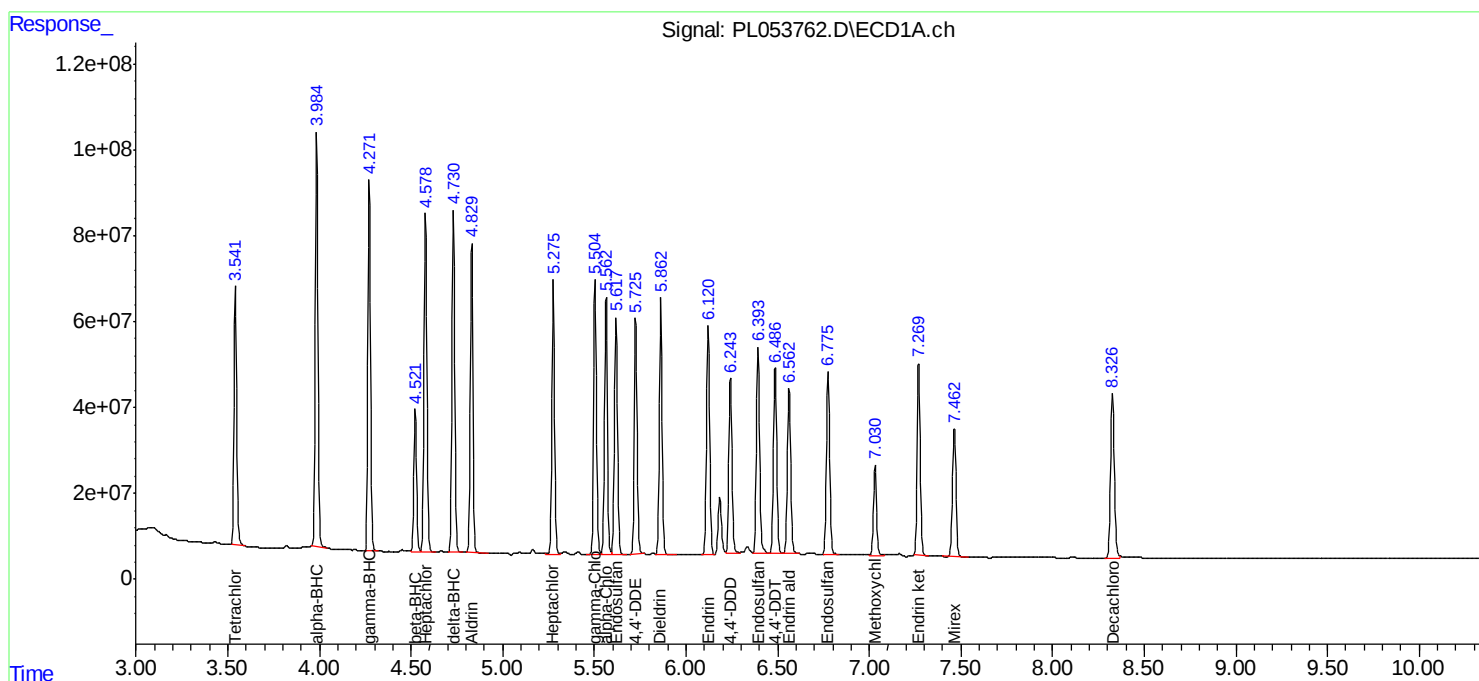
Instrument :  
ECD\_L  
ClientSampled :  
PSTDCCC050

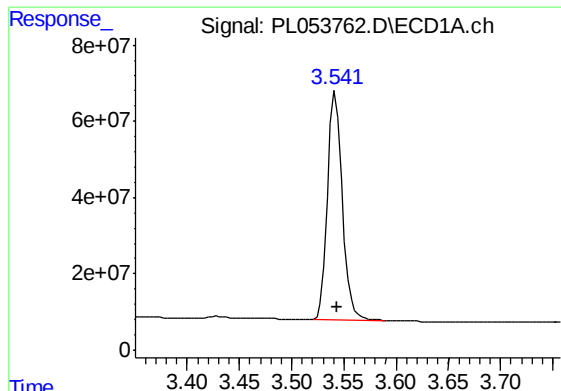
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 25 22:35:28 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL101919.M  
Quant Title : GC Extractables  
QLast Update : Fri Oct 18 13:56:08 2019  
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





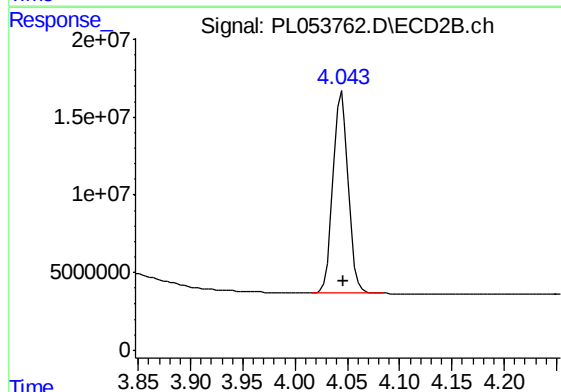
#1 Tetrachloro-m-xylene

R.T.: 3.542 min  
Delta R.T.: -0.002 min  
Response: 587203510  
Conc: 54.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

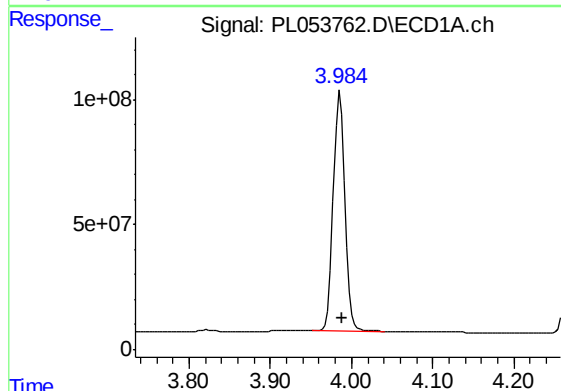
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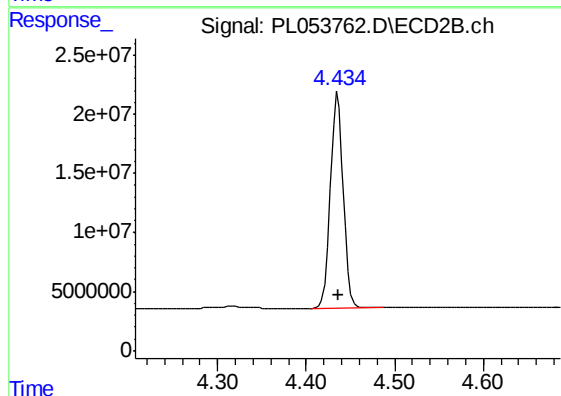
#1 Tetrachloro-m-xylene

R.T.: 4.045 min  
Delta R.T.: -0.001 min  
Response: 131778073  
Conc: 52.66 ng/ml



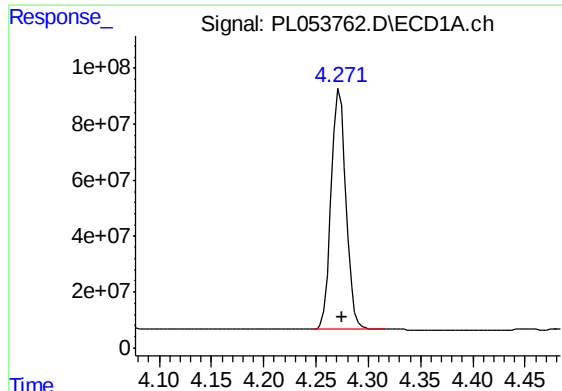
#2 alpha-BHC

R.T.: 3.986 min  
Delta R.T.: -0.002 min  
Response: 942942006  
Conc: 54.08 ng/ml



#2 alpha-BHC

R.T.: 4.436 min  
Delta R.T.: 0.000 min  
Response: 184939046  
Conc: 53.50 ng/ml



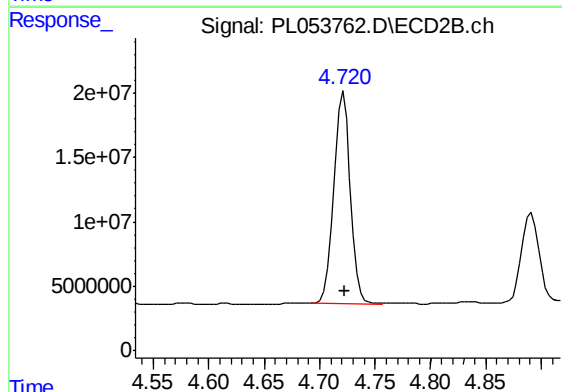
#3 gamma-BHC (Lindane)

R.T.: 4.273 min  
Delta R.T.: -0.002 min  
Response: 847016595  
Conc: 54.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

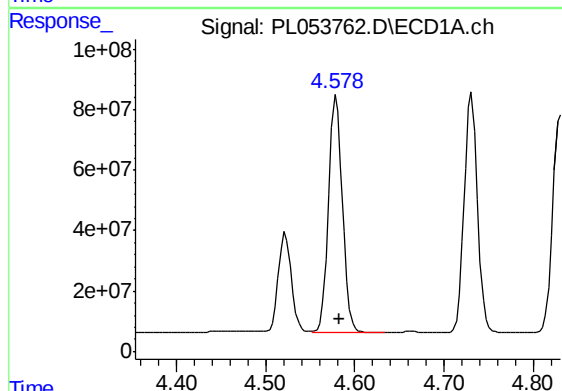
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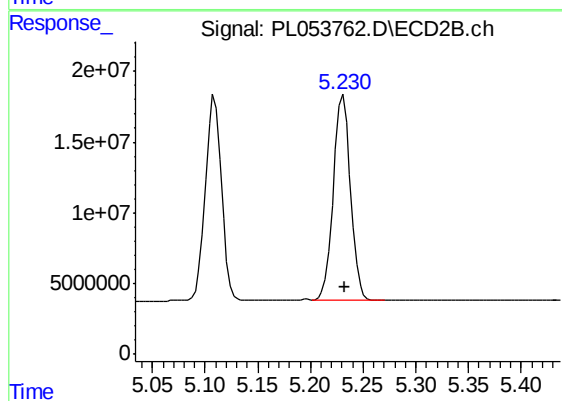
#3 gamma-BHC (Lindane)

R.T.: 4.722 min  
Delta R.T.: 0.000 min  
Response: 171917131  
Conc: 53.38 ng/ml



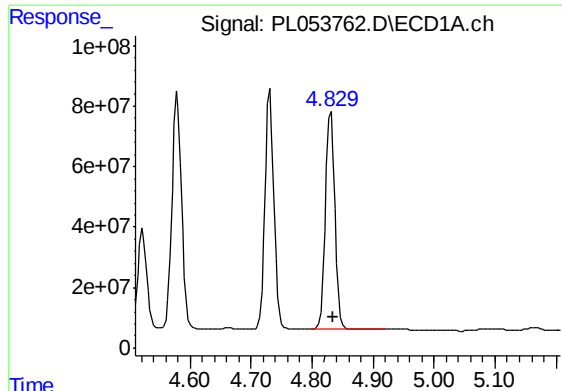
#4 Heptachlor

R.T.: 4.579 min  
Delta R.T.: -0.003 min  
Response: 841855572  
Conc: 53.34 ng/ml



#4 Heptachlor

R.T.: 5.231 min  
Delta R.T.: -0.001 min  
Response: 163771819  
Conc: 50.83 ng/ml



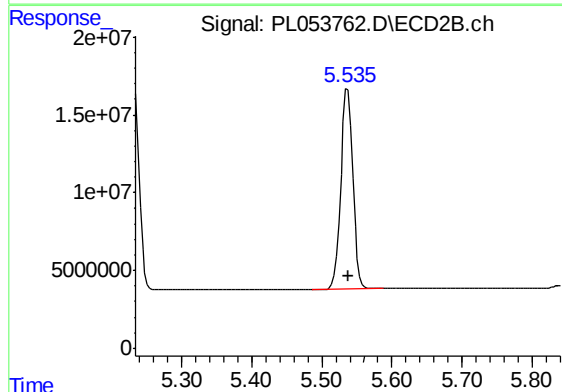
#5 Aldrin

R.T.: 4.831 min  
Delta R.T.: -0.003 min  
Response: 777361227  
Conc: 54.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

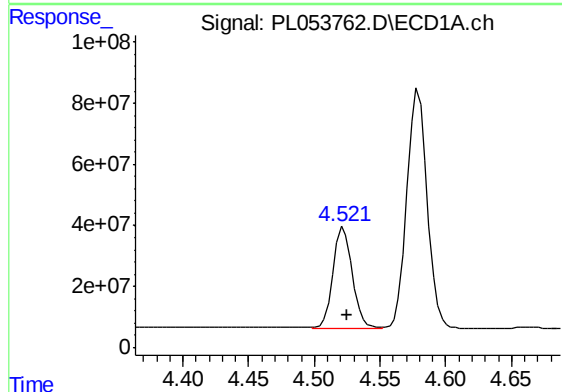
Manual Integrations  
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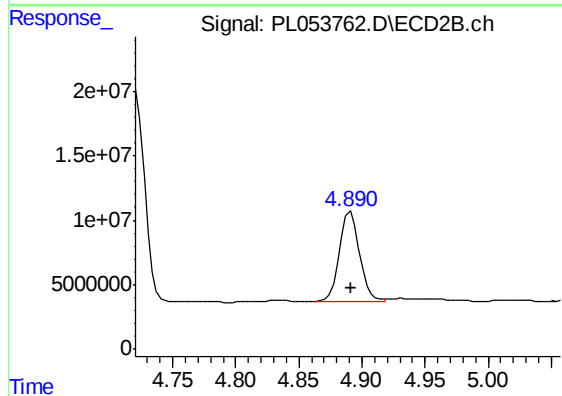
#5 Aldrin

R.T.: 5.537 min  
Delta R.T.: 0.000 min  
Response: 152323529  
Conc: 51.09 ng/ml



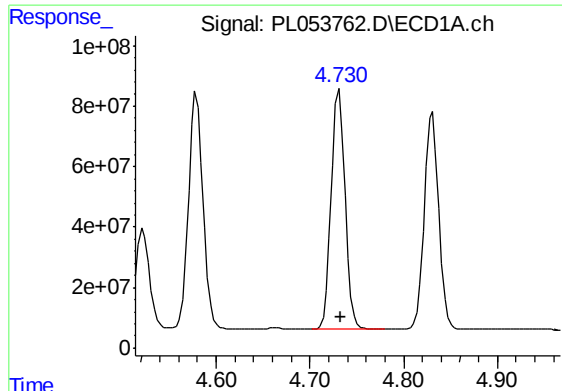
#6 beta-BHC

R.T.: 4.523 min  
Delta R.T.: -0.002 min  
Response: 334149903  
Conc: 50.71 ng/ml



#6 beta-BHC

R.T.: 4.891 min  
Delta R.T.: 0.000 min  
Response: 76962276  
Conc: 49.83 ng/ml



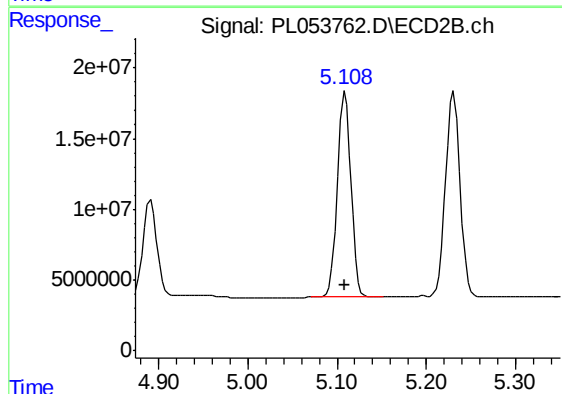
#7 delta-BHC

R.T.: 4.731 min  
Delta R.T.: -0.003 min  
Response: 815877571  
Conc: 53.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

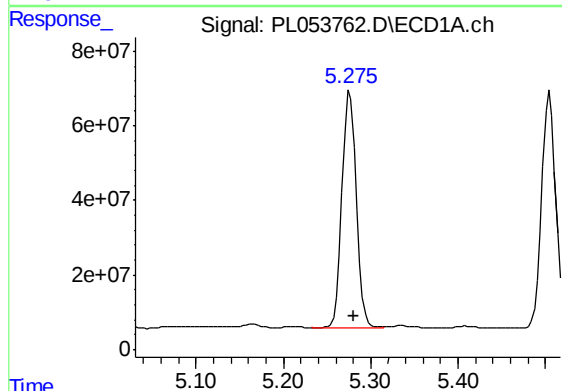
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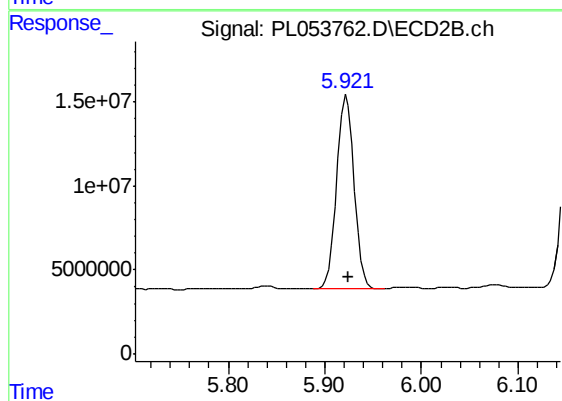
#7 delta-BHC

R.T.: 5.109 min  
Delta R.T.: 0.000 min  
Response: 154389695  
Conc: 51.11 ng/ml



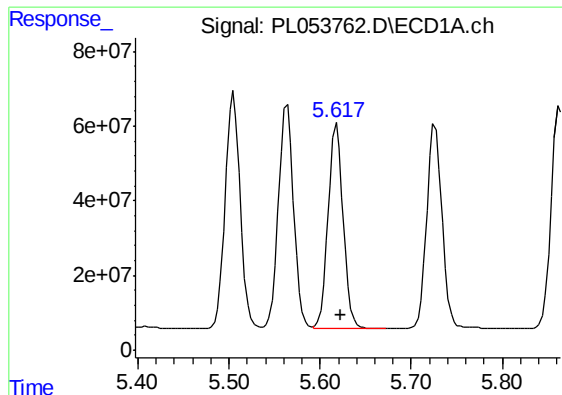
#8 Heptachlor epoxide

R.T.: 5.276 min  
Delta R.T.: -0.004 min  
Response: 726415119  
Conc: 53.81 ng/ml



#8 Heptachlor epoxide

R.T.: 5.922 min  
Delta R.T.: -0.002 min  
Response: 142042926  
Conc: 48.71 ng/ml



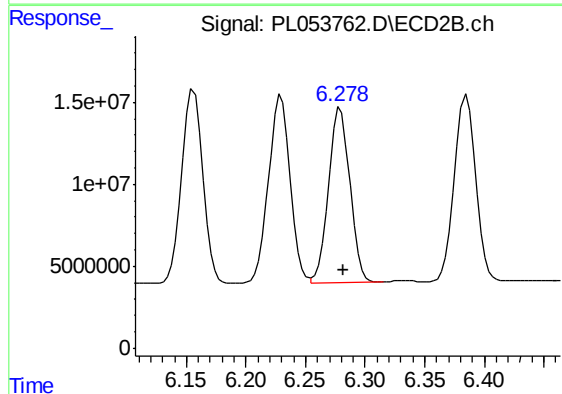
#9 Endosulfan I

R.T.: 5.618 min  
Delta R.T.: -0.004 min  
Response: 626102252  
Conc: 50.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

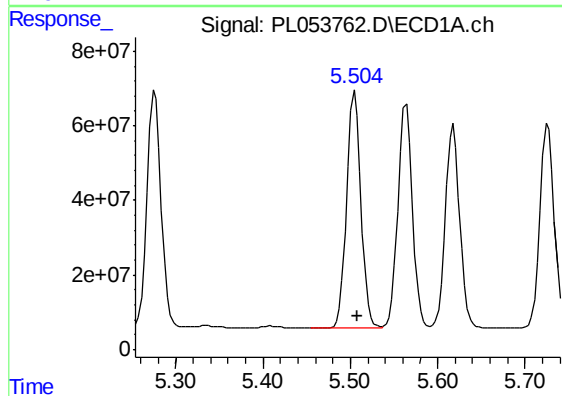
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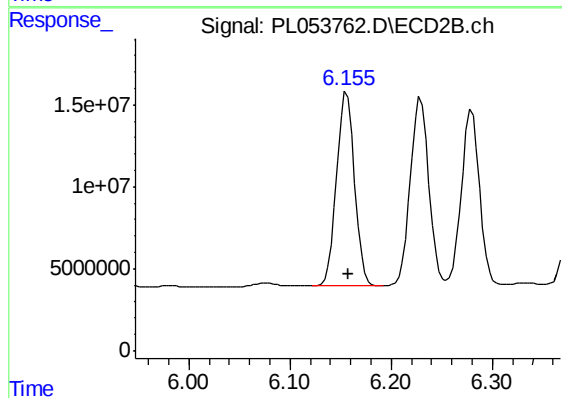
#9 Endosulfan I

R.T.: 6.280 min  
Delta R.T.: -0.002 min  
Response: 132977759  
Conc: 49.05 ng/ml



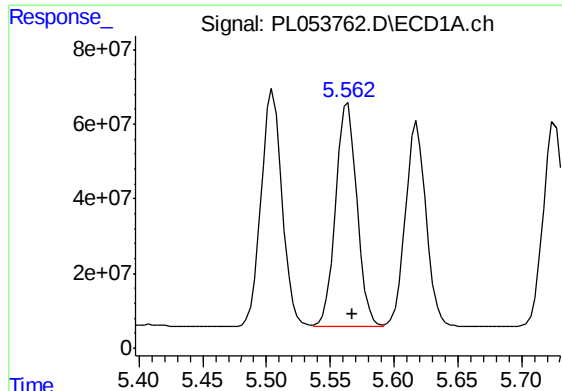
#10 gamma-Chlordane

R.T.: 5.505 min  
Delta R.T.: -0.004 min  
Response: 723132910  
Conc: 53.00 ng/ml



#10 gamma-Chlordane

R.T.: 6.155 min  
Delta R.T.: -0.003 min  
Response: 144968023  
Conc: 49.68 ng/ml m



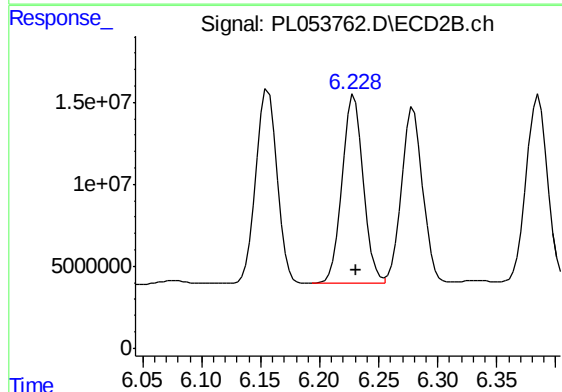
#11 alpha-Chlordane

R.T.: 5.564 min  
Delta R.T.: -0.004 min  
Response: 693950664  
Conc: 52.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

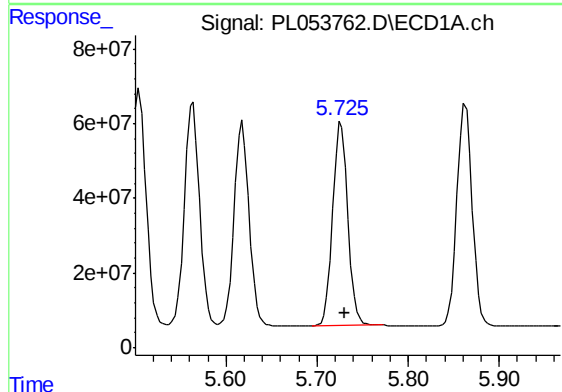
Manual Integrations  
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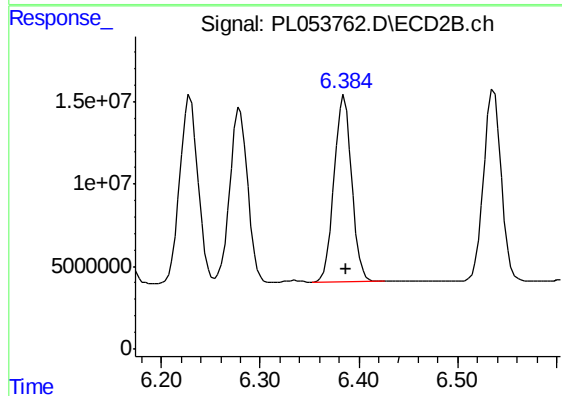
#11 alpha-Chlordane

R.T.: 6.229 min  
Delta R.T.: -0.002 min  
Response: 144365211  
Conc: 49.45 ng/ml



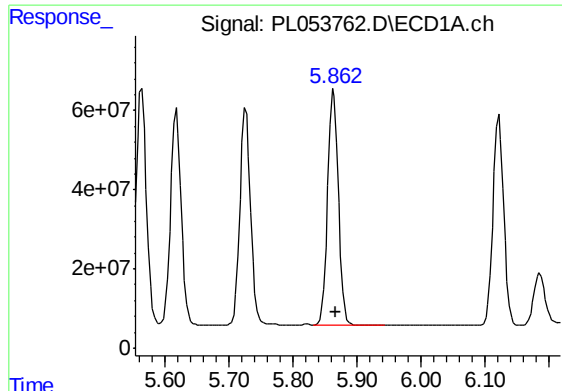
#12 4,4'-DDE

R.T.: 5.726 min  
Delta R.T.: -0.004 min  
Response: 629762943  
Conc: 53.00 ng/ml



#12 4,4'-DDE

R.T.: 6.385 min  
Delta R.T.: -0.002 min  
Response: 139839260  
Conc: 49.65 ng/ml



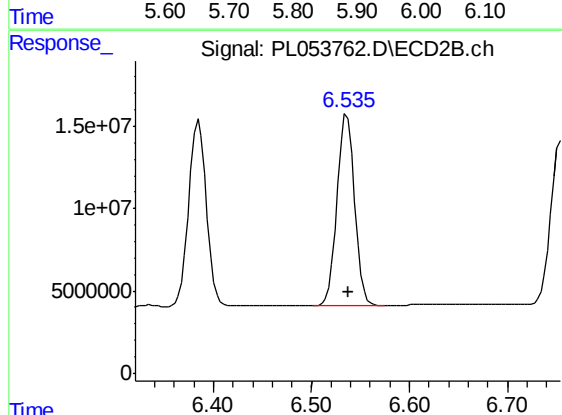
#13 Dieldrin

R.T.: 5.863 min  
Delta R.T.: -0.005 min  
Response: 690697545  
Conc: 52.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

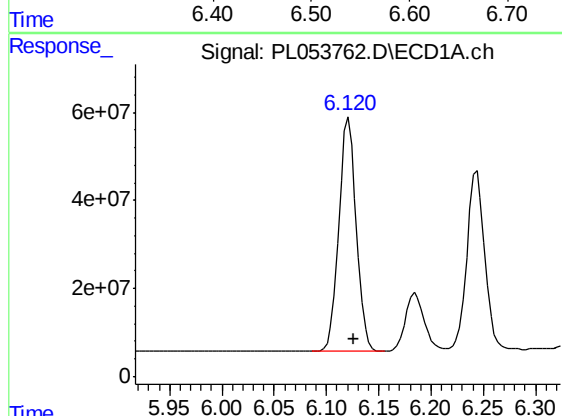
Manual Integrations  
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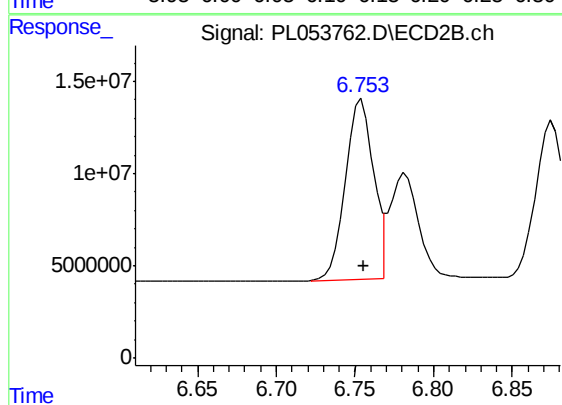
#13 Dieldrin

R.T.: 6.536 min  
Delta R.T.: -0.002 min  
Response: 143034756  
Conc: 50.12 ng/ml



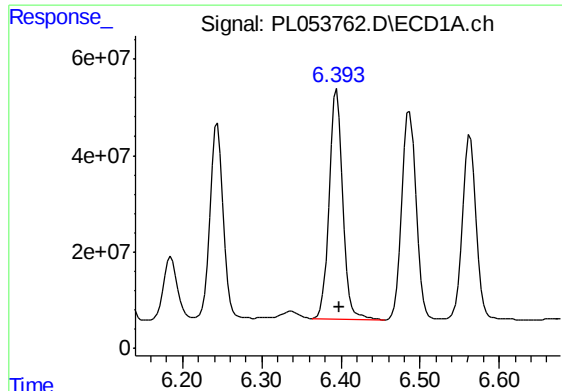
#14 Endrin

R.T.: 6.121 min  
Delta R.T.: -0.005 min  
Response: 618862922  
Conc: 53.39 ng/ml



#14 Endrin

R.T.: 6.753 min  
Delta R.T.: -0.003 min  
Response: 125988653  
Conc: 51.91 ng/ml m



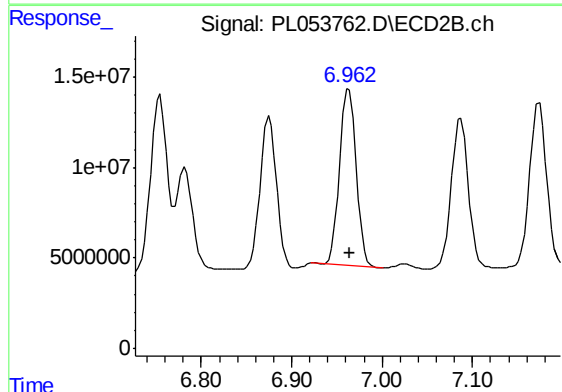
#15 Endosulfan II

R.T.: 6.394 min  
Delta R.T.: -0.004 min  
Response: 575412780  
Conc: 51.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

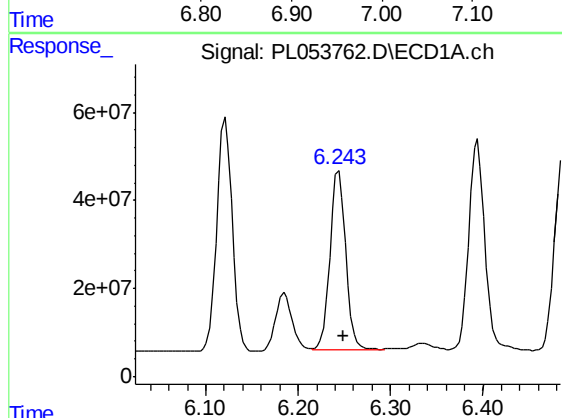
Manual Integrations  
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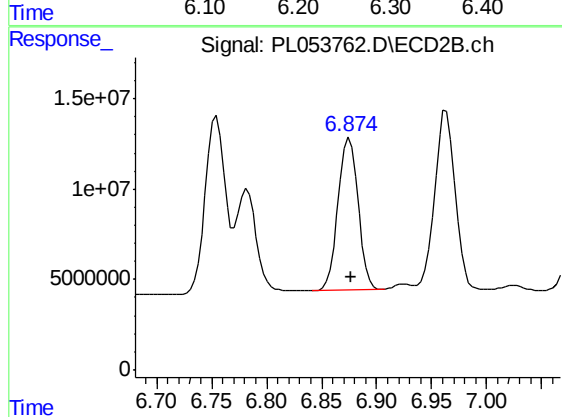
#15 Endosulfan II

R.T.: 6.963 min  
Delta R.T.: -0.002 min  
Response: 124433924  
Conc: 48.71 ng/ml



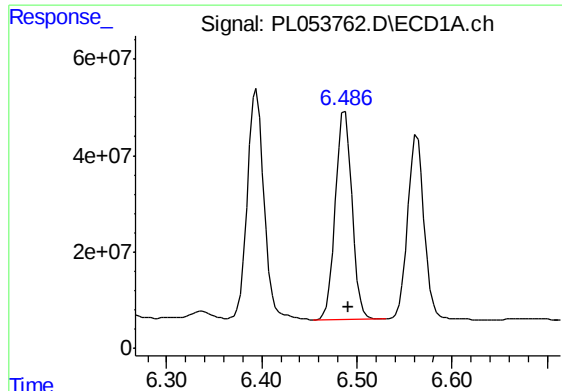
#16 4,4'-DDD

R.T.: 6.244 min  
Delta R.T.: -0.004 min  
Response: 484165880  
Conc: 54.40 ng/ml



#16 4,4'-DDD

R.T.: 6.875 min  
Delta R.T.: -0.001 min  
Response: 107117107  
Conc: 51.40 ng/ml



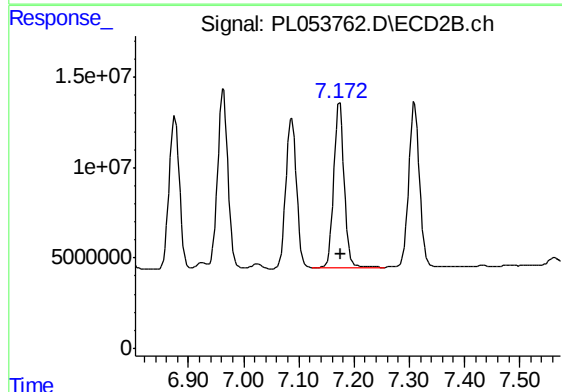
#17 4,4'-DDT

R.T.: 6.487 min  
Delta R.T.: -0.004 min  
Response: 528709329  
Conc: 53.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

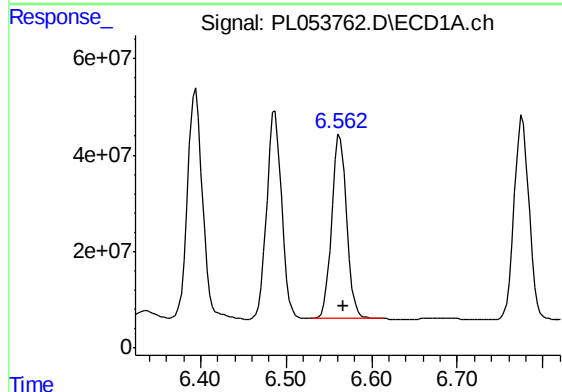
Manual Integrations  
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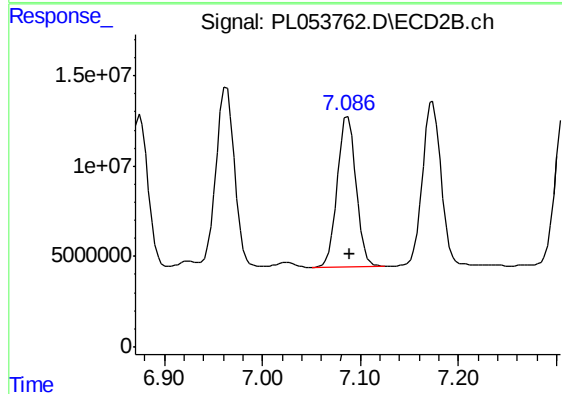
#17 4,4'-DDT

R.T.: 7.174 min  
Delta R.T.: -0.002 min  
Response: 121504245  
Conc: 52.54 ng/ml



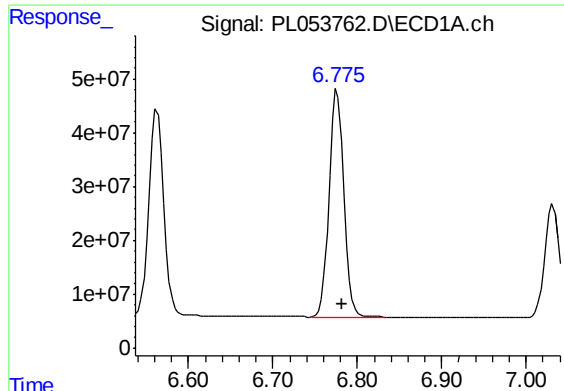
#18 Endrin aldehyde

R.T.: 6.563 min  
Delta R.T.: -0.004 min  
Response: 468853676  
Conc: 51.13 ng/ml



#18 Endrin aldehyde

R.T.: 7.087 min  
Delta R.T.: -0.002 min  
Response: 110241746  
Conc: 50.18 ng/ml



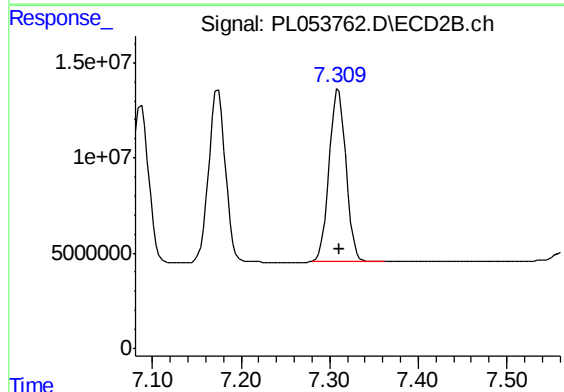
#19 Endosulfan Sulfate

R.T.: 6.776 min  
Delta R.T.: -0.005 min  
Response: 511878589  
Conc: 50.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

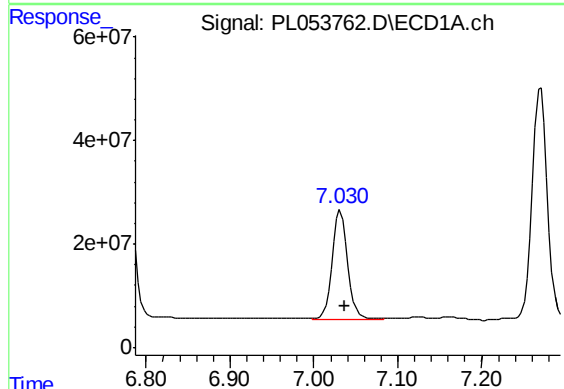
Manual Integrations  
APPROVED

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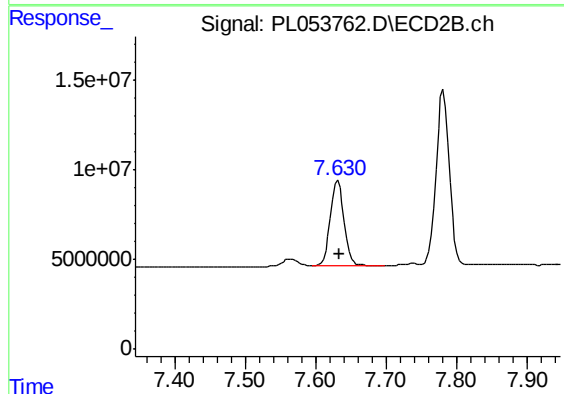
#19 Endosulfan Sulfate

R.T.: 7.310 min  
Delta R.T.: -0.002 min  
Response: 121390758  
Conc: 49.47 ng/ml



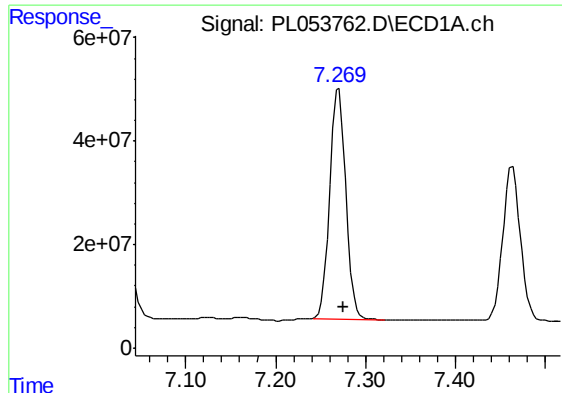
#20 Methoxychlor

R.T.: 7.032 min  
Delta R.T.: -0.005 min  
Response: 269749562  
Conc: 54.71 ng/ml



#20 Methoxychlor

R.T.: 7.631 min  
Delta R.T.: -0.002 min  
Response: 65162435  
Conc: 50.17 ng/ml



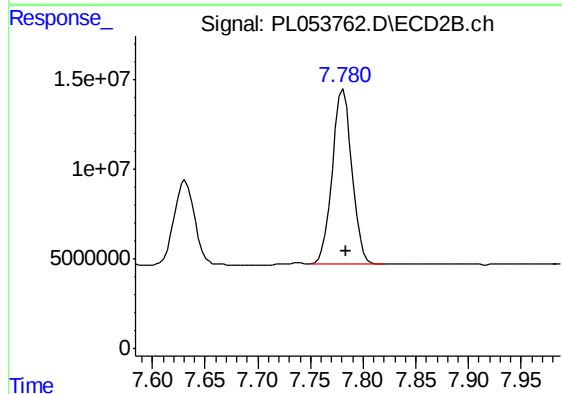
#21 Endrin ketone

R.T.: 7.270 min  
Delta R.T.: -0.005 min  
Response: 557124268  
Conc: 51.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

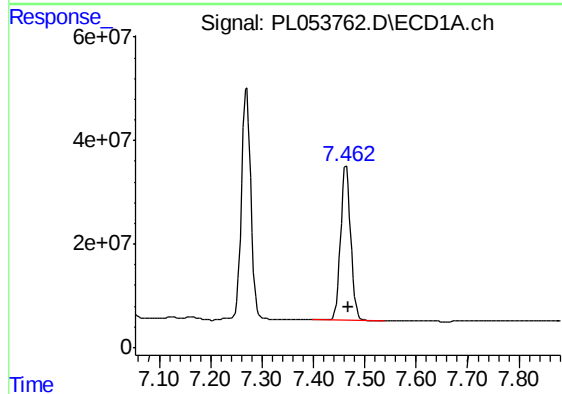
Manual Integrations  
APPROVED

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10/28/2019 12:29:36 PM



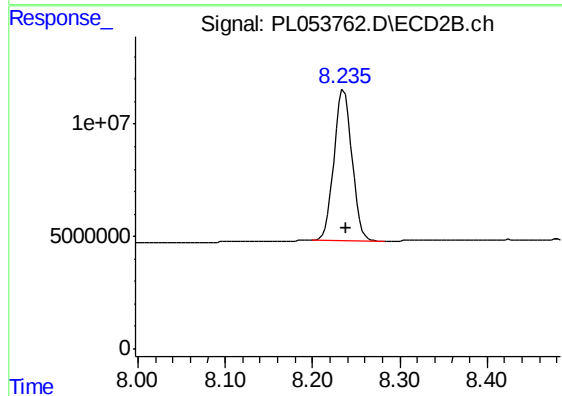
#21 Endrin ketone

R.T.: 7.781 min  
Delta R.T.: -0.002 min  
Response: 126028091  
Conc: 48.88 ng/ml



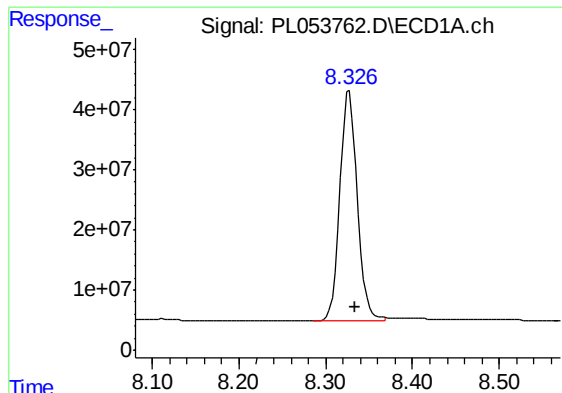
#22 Mirex

R.T.: 7.464 min  
Delta R.T.: -0.005 min  
Response: 407247359  
Conc: 47.61 ng/ml



#22 Mirex

R.T.: 8.236 min  
Delta R.T.: -0.002 min  
Response: 96640441  
Conc: 47.77 ng/ml



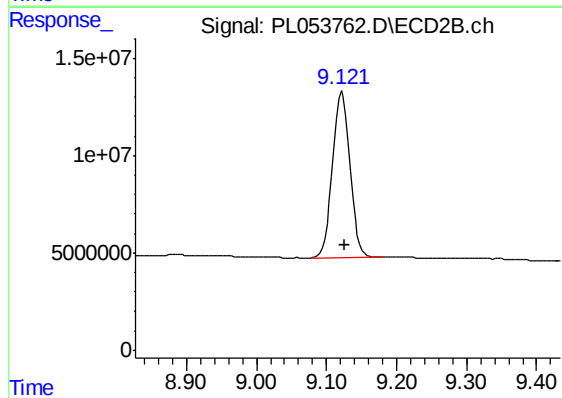
#28 Decachlorobiphenyl

R.T.: 8.326 min  
Delta R.T.: -0.008 min  
Response: 534199075  
Conc: 54.45 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
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#28 Decachlorobiphenyl

R.T.: 9.122 min  
Delta R.T.: -0.004 min  
Response: 147168574  
Conc: 52.26 ng/ml