

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL032719\  
 Data File : PL046581.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Mar 2019 00:44  
 Operator : AJ\SJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 100 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 28 01:17:58 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL032219.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Mar 22 13:40:08 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... | 3.358 | 3.976 | 358.6E6 | 115.4E6  | 49.299  | 50.399  |
| 28)                         | SA Decachlor... | 8.033 | 9.026 | 387.2E6 | 111.2E6  | 46.033  | 47.946  |
| Target Compounds            |                 |       |       |         |          |         |         |
| 2)                          | A alpha-BHC     | 3.787 | 4.366 | 589.7E6 | 167.4E6  | 50.563  | 52.111  |
| 3)                          | MA gamma-BHC... | 4.064 | 4.650 | 538.3E6 | 156.0E6  | 50.096  | 52.105  |
| 4)                          | MA Heptachlor   | 4.351 | 5.154 | 545.8E6 | 159.5E6  | 49.503  | 51.871m |
| 5)                          | MB Aldrin       | 4.591 | 5.460 | 524.0E6 | 150.1E6  | 50.804  | 52.391  |
| 6)                          | B beta-BHC      | 4.317 | 4.823 | 219.8E6 | 69713455 | 48.823  | 52.586  |
| 7)                          | B delta-BHC     | 4.513 | 5.037 | 519.7E6 | 136.3E6  | 51.341  | 58.763m |
| 8)                          | B Heptachlo...  | 5.028 | 5.844 | 496.2E6 | 142.8E6  | 50.873  | 54.166m |
| 9)                          | A Endosulfan I  | 5.359 | 6.202 | 472.6E6 | 134.6E6  | 50.261  | 51.562  |
| 10)                         | B gamma-Chl...  | 5.251 | 6.079 | 515.9E6 | 148.3E6  | 50.218  | 52.249  |
| 11)                         | B alpha-Chl...  | 5.307 | 6.152 | 506.4E6 | 146.9E6  | 49.946  | 51.786  |
| 12)                         | B 4,4'-DDE      | 5.473 | 6.310 | 475.3E6 | 127.3E6  | 51.624m | 51.263  |
| 13)                         | MA Dieldrin     | 5.599 | 6.458 | 508.4E6 | 135.3E6  | 50.659  | 49.923  |
| 14)                         | MA Endrin       | 5.852 | 6.676 | 451.9E6 | 115.5E6  | 47.980  | 48.317  |
| 15)                         | B Endosulfa...  | 6.126 | 6.886 | 450.4E6 | 123.0E6  | 50.270  | 50.977  |
| 16)                         | A 4,4'-DDD      | 5.985 | 6.800 | 393.7E6 | 105.1E6  | 52.087  | 52.251  |
| 17)                         | MA 4,4'-DDT     | 6.220 | 7.096 | 376.1E6 | 102.9E6  | 49.658  | 49.089m |
| 18)                         | B Endrin al...  | 6.293 | 7.010 | 368.7E6 | 107.0E6  | 49.189  | 50.392  |
| 19)                         | B Endosulfa...  | 6.504 | 7.232 | 397.6E6 | 116.4E6  | 48.425  | 49.338  |
| 20)                         | A Methoxychlor  | 6.765 | 7.556 | 189.6E6 | 60388756 | 44.606  | 47.372  |
| 21)                         | B Endrin ke...  | 6.987 | 7.701 | 446.0E6 | 126.1E6  | 48.238  | 50.741  |
| 22)                         | Mirex           | 7.164 | 8.153 | 328.8E6 | 98200299 | 45.137  | 49.096  |
| -----                       |                 |       |       |         |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL032719\  
Data File : PL046581.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 Mar 2019 00:44  
Operator : AJ\SJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 100 Sample Multiplier: 1

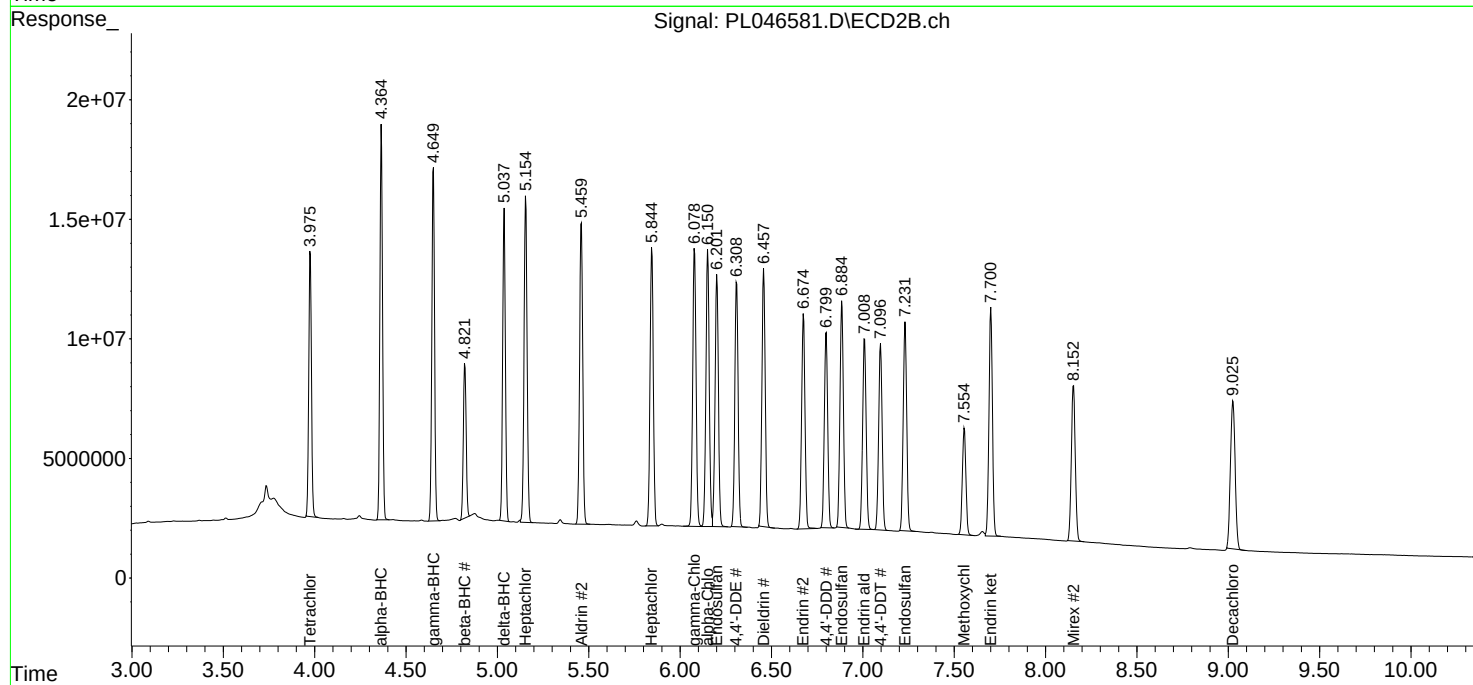
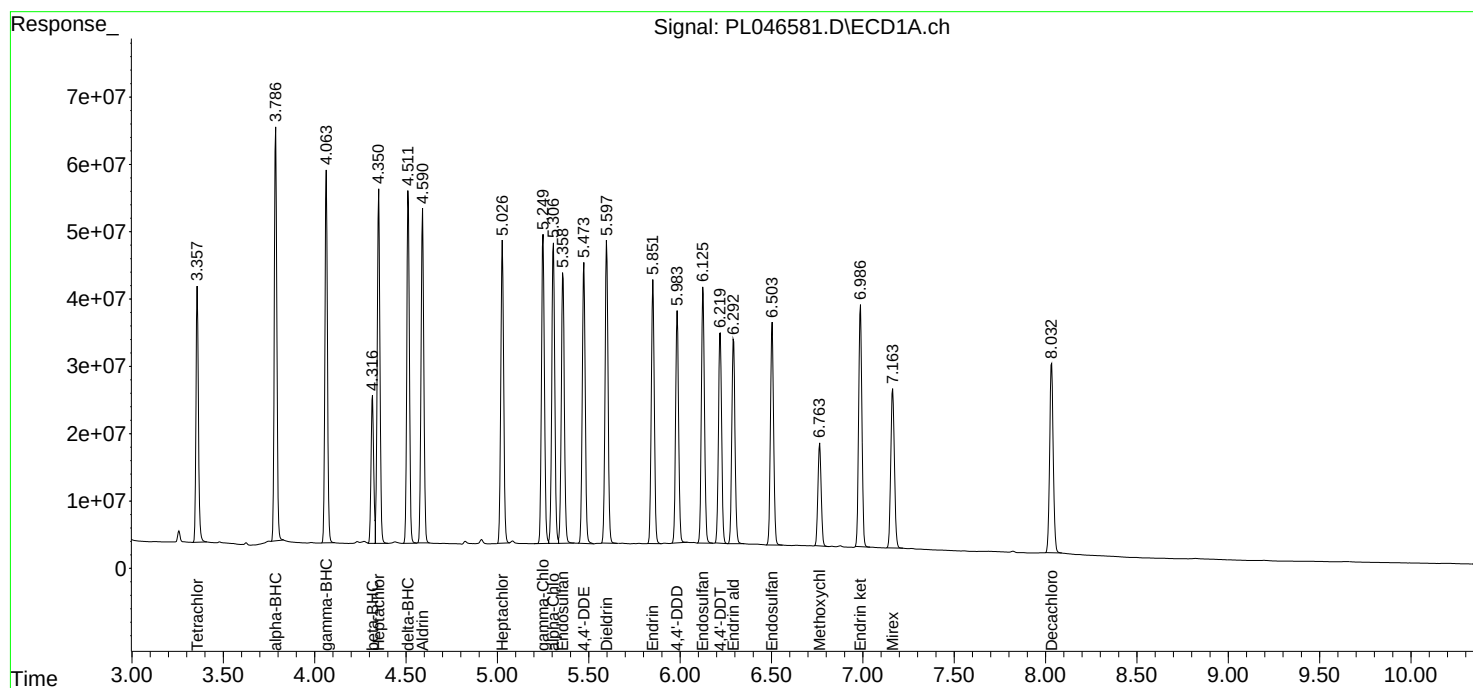
Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

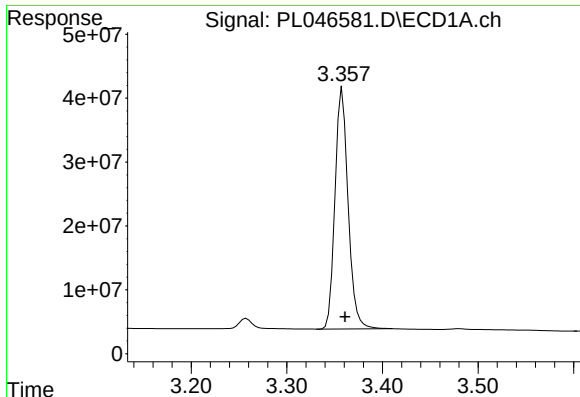
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 28 01:17:58 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL032219.M  
Quant Title : GC Extractables  
QLast Update : Fri Mar 22 13:40:08 2019  
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





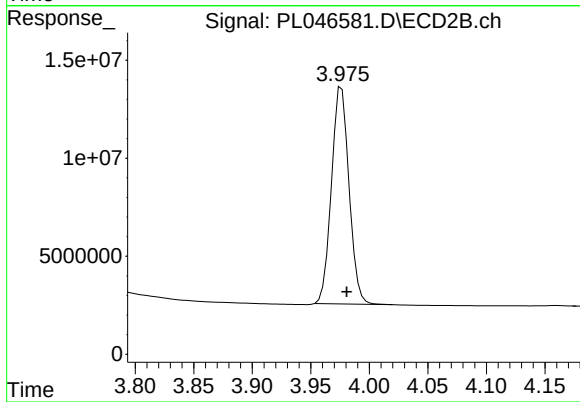
#1 Tetrachloro-m-xylene

R.T.: 3.358 min  
Delta R.T.: -0.003 min  
Response: 358635389  
Conc: 49.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

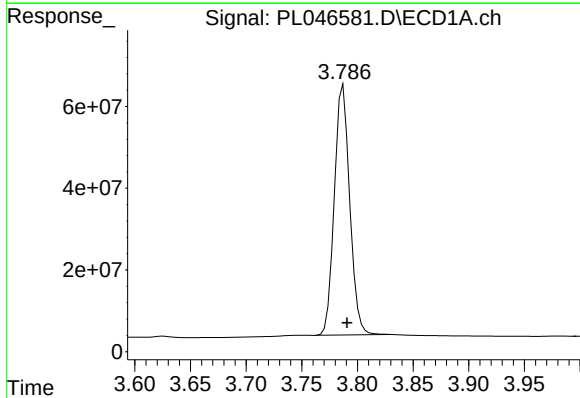
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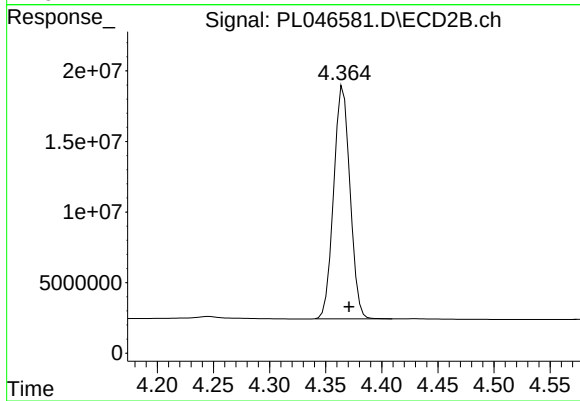
#1 Tetrachloro-m-xylene

R.T.: 3.976 min  
Delta R.T.: -0.004 min  
Response: 115394032  
Conc: 50.40 ng/ml



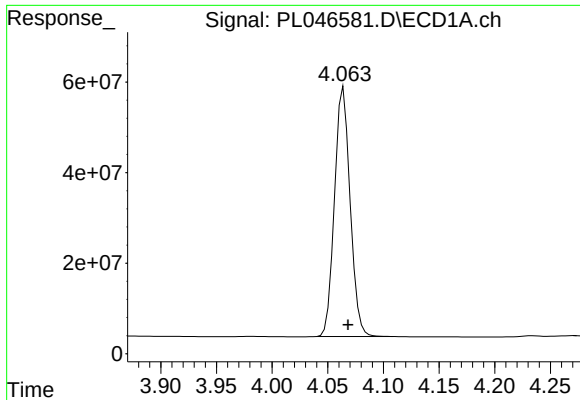
#2 alpha-BHC

R.T.: 3.787 min  
Delta R.T.: -0.003 min  
Response: 589669837  
Conc: 50.56 ng/ml



#2 alpha-BHC

R.T.: 4.366 min  
Delta R.T.: -0.005 min  
Response: 167447251  
Conc: 52.11 ng/ml



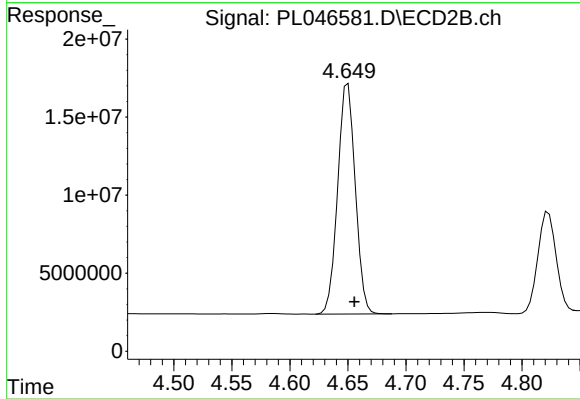
#3 gamma-BHC (Lindane)

R.T.: 4.064 min  
Delta R.T.: -0.004 min  
Response: 538258442  
Conc: 50.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

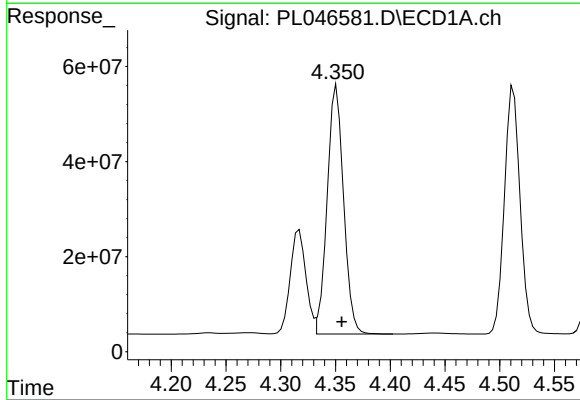
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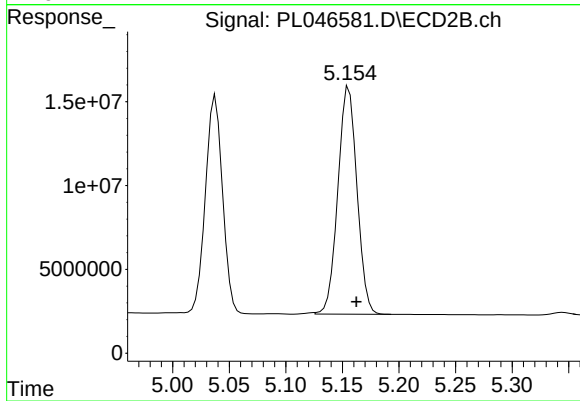
#3 gamma-BHC (Lindane)

R.T.: 4.650 min  
Delta R.T.: -0.006 min  
Response: 155951331  
Conc: 52.11 ng/ml



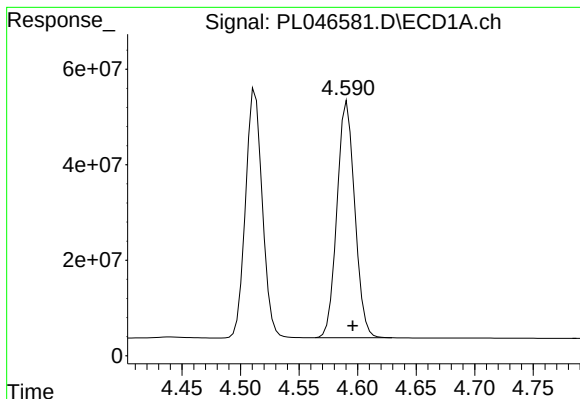
#4 Heptachlor

R.T.: 4.351 min  
Delta R.T.: -0.005 min  
Response: 545777084  
Conc: 49.50 ng/ml



#4 Heptachlor

R.T.: 5.154 min  
Delta R.T.: -0.008 min  
Response: 159548032  
Conc: 51.87 ng/ml m



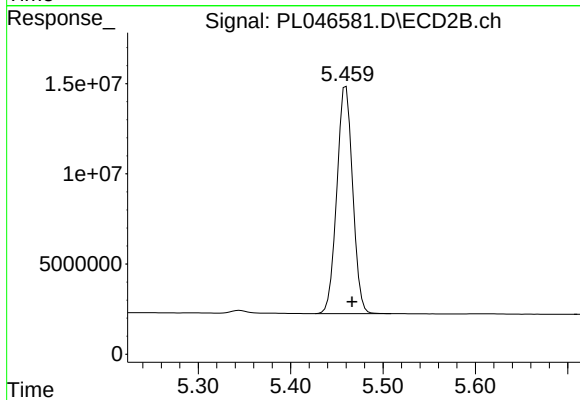
#5 Aldrin

R.T.: 4.591 min  
Delta R.T.: -0.005 min  
Response: 524039446  
Conc: 50.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

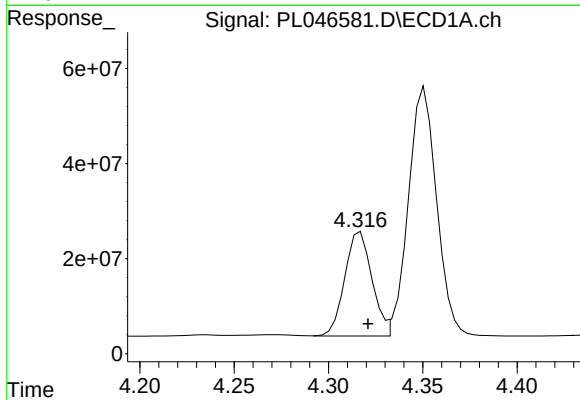
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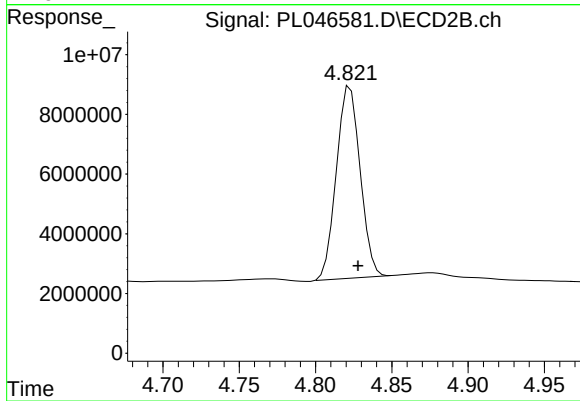
#5 Aldrin

R.T.: 5.460 min  
Delta R.T.: -0.007 min  
Response: 150099012  
Conc: 52.39 ng/ml



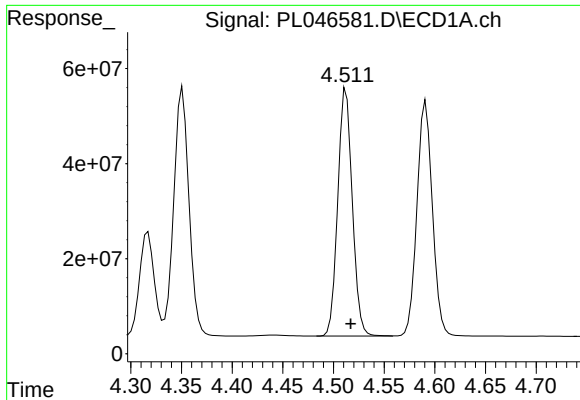
#6 beta-BHC

R.T.: 4.317 min  
Delta R.T.: -0.004 min  
Response: 219821381  
Conc: 48.82 ng/ml



#6 beta-BHC

R.T.: 4.823 min  
Delta R.T.: -0.005 min  
Response: 69713455  
Conc: 52.59 ng/ml



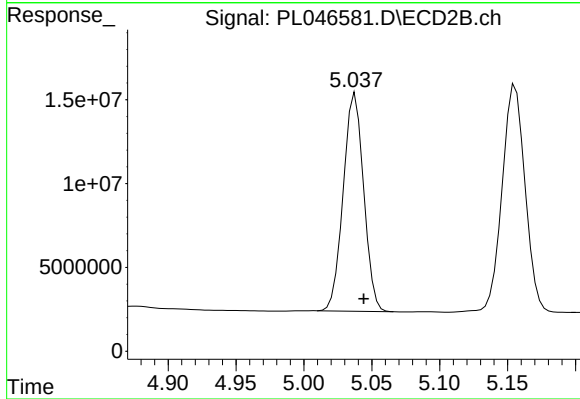
#7 delta-BHC

R.T.: 4.513 min  
Delta R.T.: -0.004 min  
Response: 519727538  
Conc: 51.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

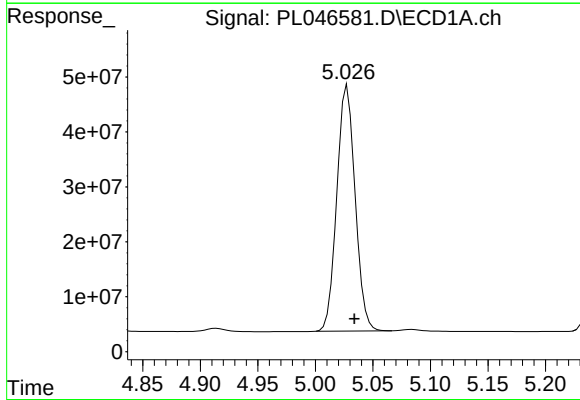
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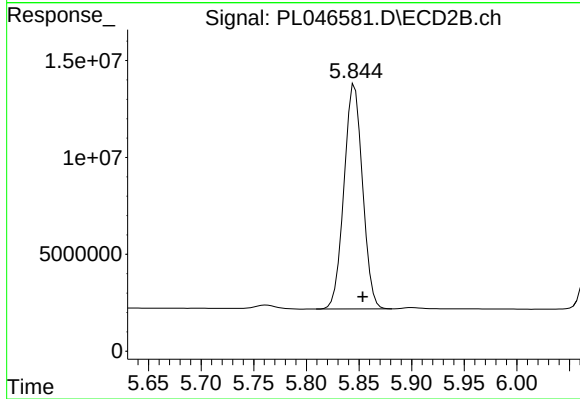
#7 delta-BHC

R.T.: 5.037 min  
Delta R.T.: -0.008 min  
Response: 136339312  
Conc: 58.76 ng/ml m



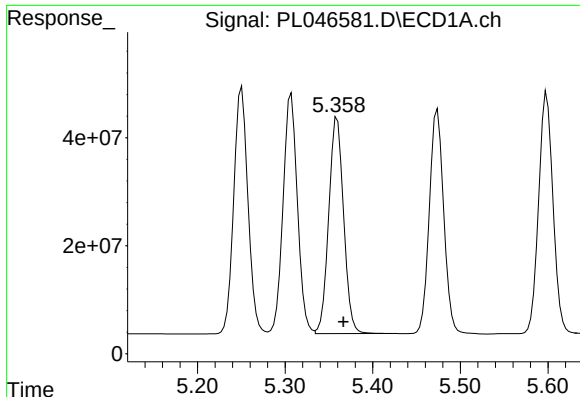
#8 Heptachlor epoxide

R.T.: 5.028 min  
Delta R.T.: -0.006 min  
Response: 496196253  
Conc: 50.87 ng/ml



#8 Heptachlor epoxide

R.T.: 5.844 min  
Delta R.T.: -0.009 min  
Response: 142845263  
Conc: 54.17 ng/ml m



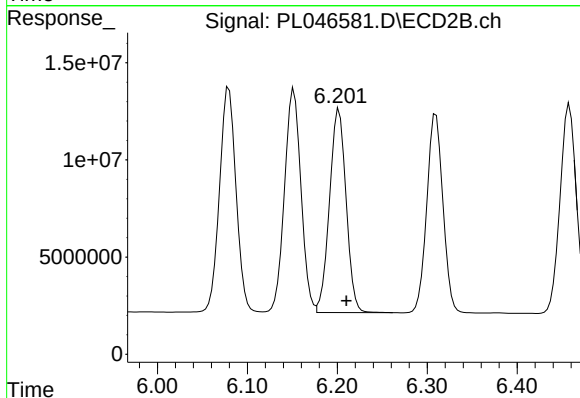
#9 Endosulfan I

R.T.: 5.359 min  
Delta R.T.: -0.007 min  
Response: 472569344  
Conc: 50.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

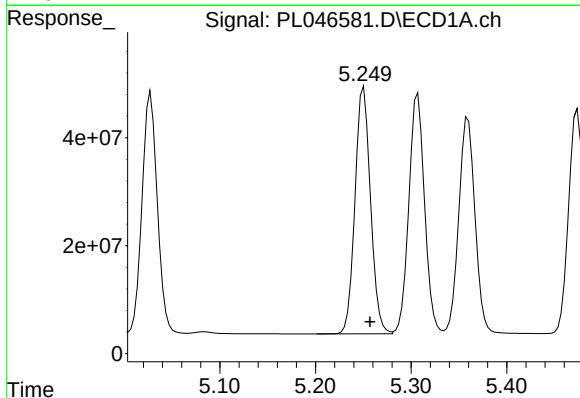
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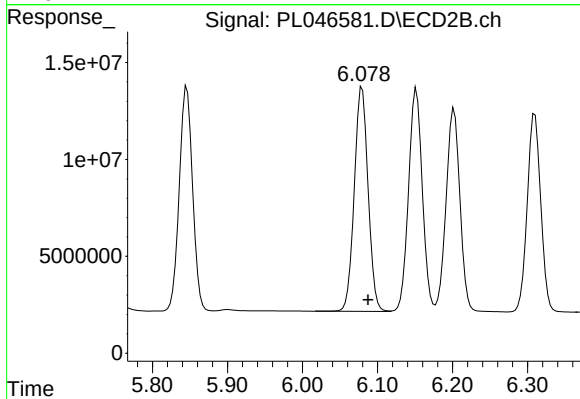
#9 Endosulfan I

R.T.: 6.202 min  
Delta R.T.: -0.008 min  
Response: 134570019  
Conc: 51.56 ng/ml



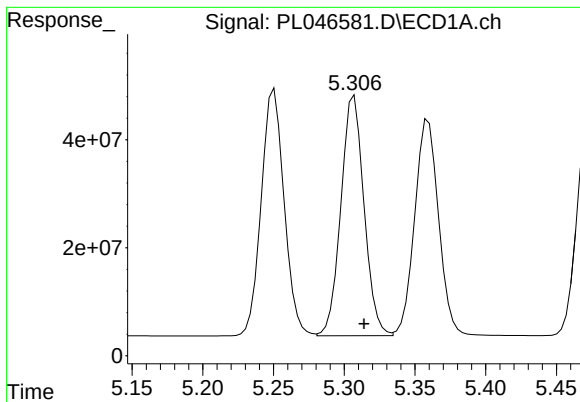
#10 gamma-Chlordane

R.T.: 5.251 min  
Delta R.T.: -0.006 min  
Response: 515866311  
Conc: 50.22 ng/ml



#10 gamma-Chlordane

R.T.: 6.079 min  
Delta R.T.: -0.008 min  
Response: 148287731  
Conc: 52.25 ng/ml



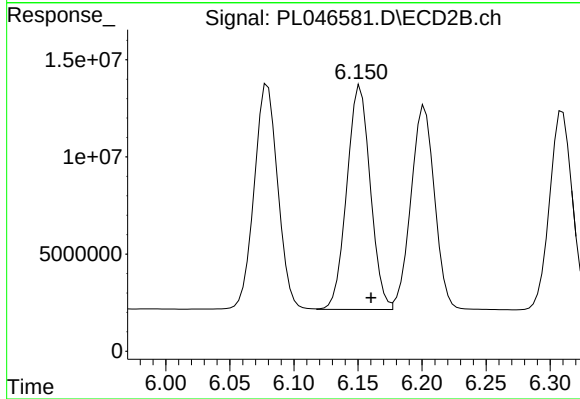
#11 alpha-Chlordane

R.T.: 5.307 min  
Delta R.T.: -0.007 min  
Response: 506409440  
Conc: 49.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

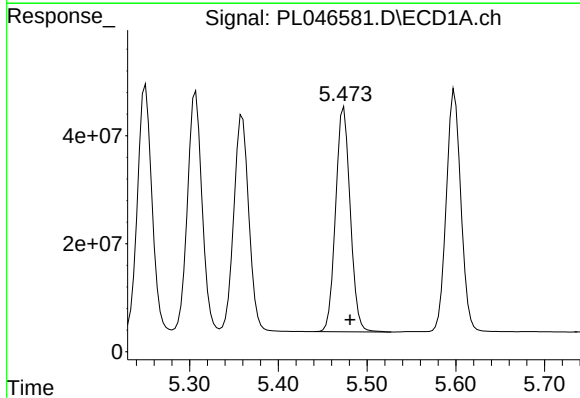
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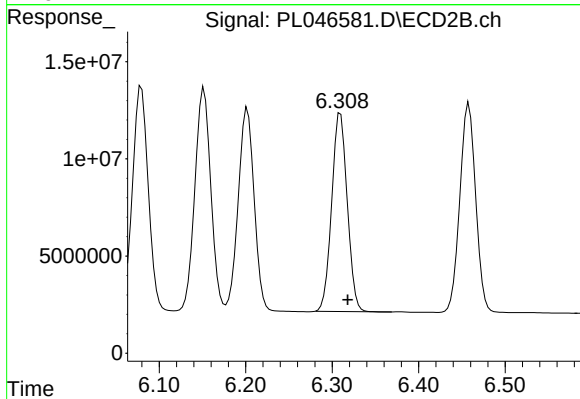
#11 alpha-Chlordane

R.T.: 6.152 min  
Delta R.T.: -0.008 min  
Response: 146899684  
Conc: 51.79 ng/ml



#12 4,4'-DDE

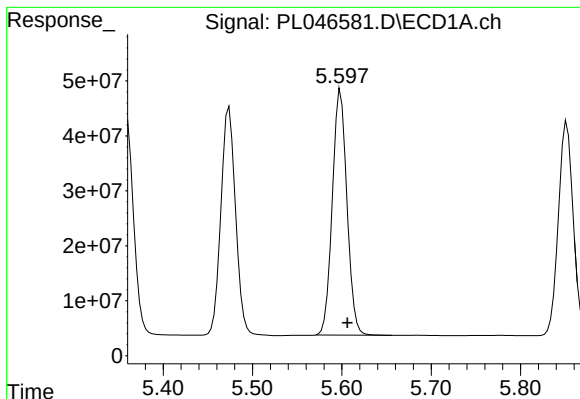
R.T.: 5.473 min  
Delta R.T.: -0.008 min  
Response: 475295865  
Conc: 51.62 ng/ml m



#12 4,4'-DDE

R.T.: 6.310 min  
Delta R.T.: -0.008 min  
Response: 127252459  
Conc: 51.26 ng/ml





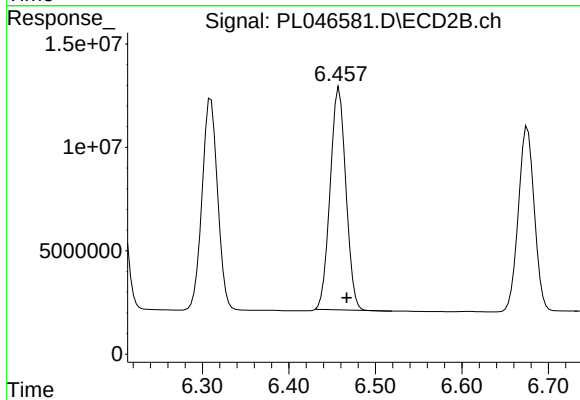
#13 Dieldrin

R.T.: 5.599 min  
Delta R.T.: -0.008 min  
Response: 508390105  
Conc: 50.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

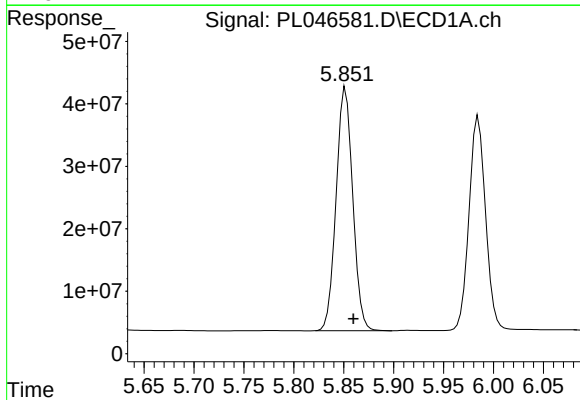
Manual Integrations  
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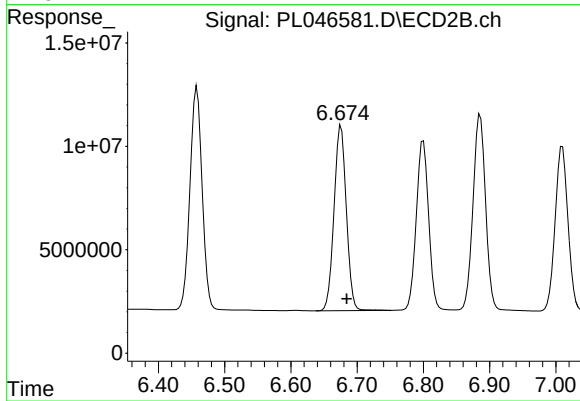
#13 Dieldrin

R.T.: 6.458 min  
Delta R.T.: -0.009 min  
Response: 135323753  
Conc: 49.92 ng/ml



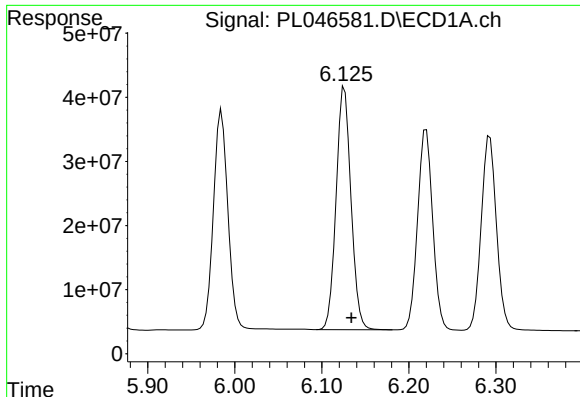
#14 Endrin

R.T.: 5.852 min  
Delta R.T.: -0.008 min  
Response: 451936495  
Conc: 47.98 ng/ml



#14 Endrin

R.T.: 6.676 min  
Delta R.T.: -0.009 min  
Response: 115467198  
Conc: 48.32 ng/ml



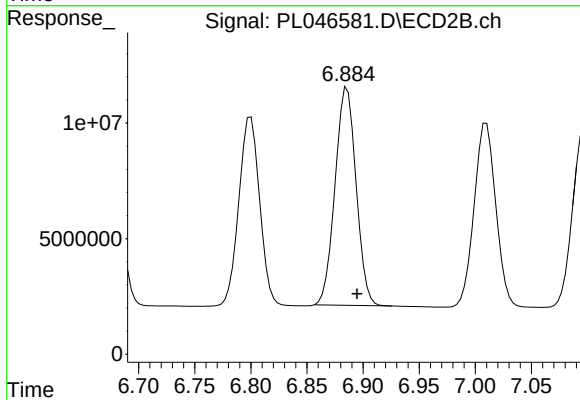
#15 Endosulfan II

R.T.: 6.126 min  
Delta R.T.: -0.008 min  
Response: 450402401  
Conc: 50.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

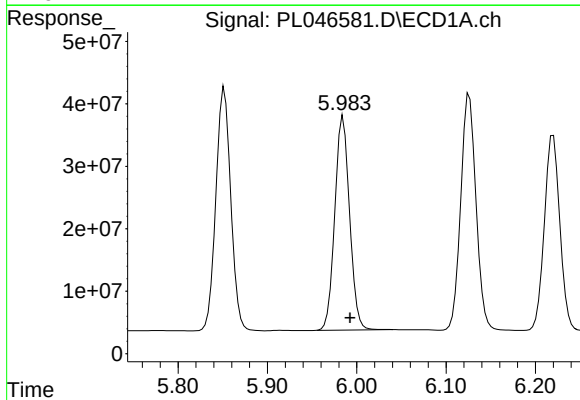
Manual Integrations  
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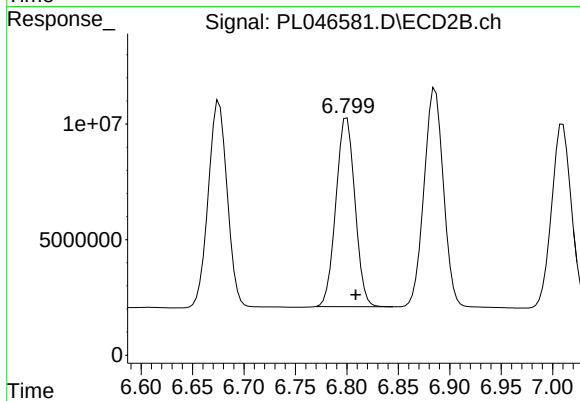
#15 Endosulfan II

R.T.: 6.886 min  
Delta R.T.: -0.009 min  
Response: 123001362  
Conc: 50.98 ng/ml



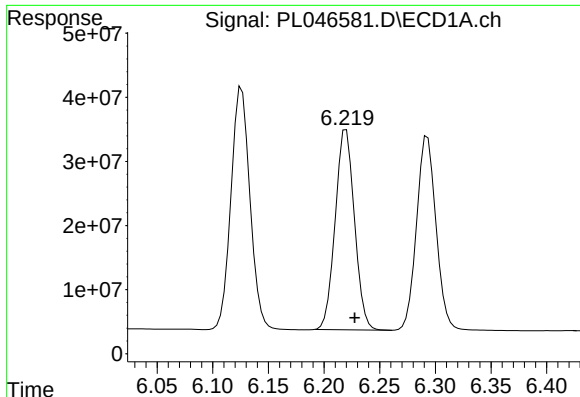
#16 4,4'-DDD

R.T.: 5.985 min  
Delta R.T.: -0.008 min  
Response: 393731766  
Conc: 52.09 ng/ml



#16 4,4'-DDD

R.T.: 6.800 min  
Delta R.T.: -0.009 min  
Response: 105129850  
Conc: 52.25 ng/ml



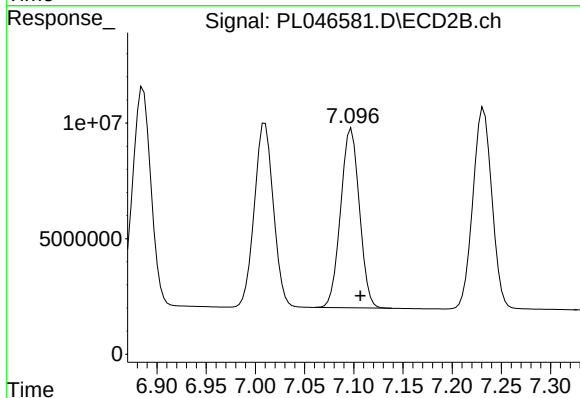
#17 4,4'-DDT

R.T.: 6.220 min  
Delta R.T.: -0.008 min  
Response: 376125343  
Conc: 49.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

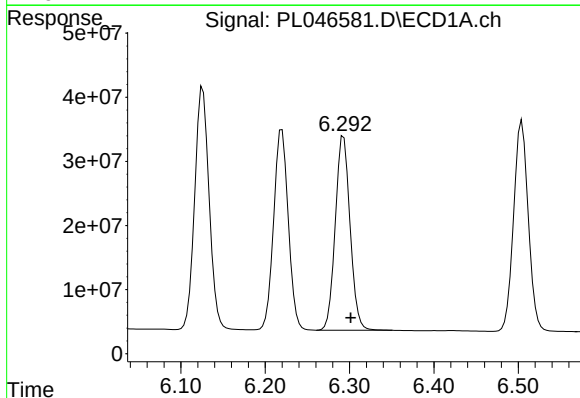
Manual Integrations  
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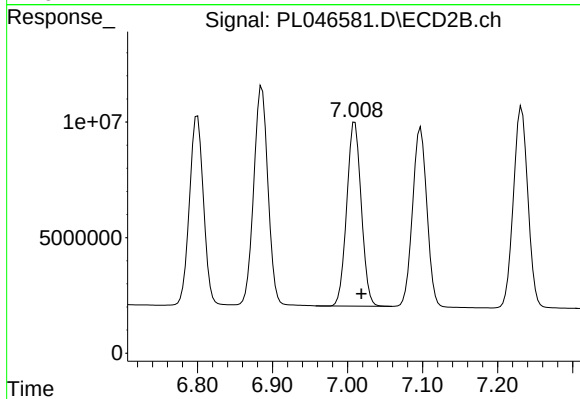
#17 4,4'-DDT

R.T.: 7.096 min  
Delta R.T.: -0.011 min  
Response: 102937518  
Conc: 49.09 ng/ml m



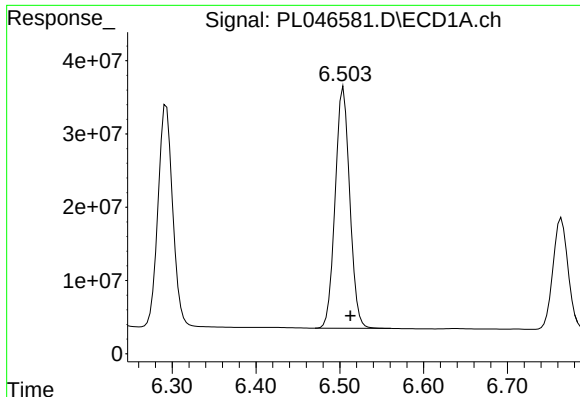
#18 Endrin aldehyde

R.T.: 6.293 min  
Delta R.T.: -0.009 min  
Response: 368682059  
Conc: 49.19 ng/ml



#18 Endrin aldehyde

R.T.: 7.010 min  
Delta R.T.: -0.009 min  
Response: 107032424  
Conc: 50.39 ng/ml



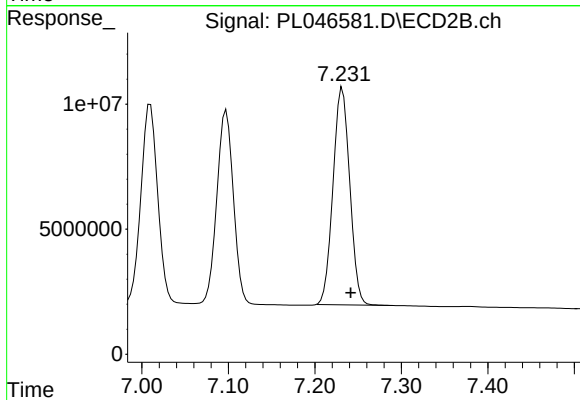
#19 Endosulfan Sulfate

R.T.: 6.504 min  
Delta R.T.: -0.008 min  
Response: 397624475  
Conc: 48.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

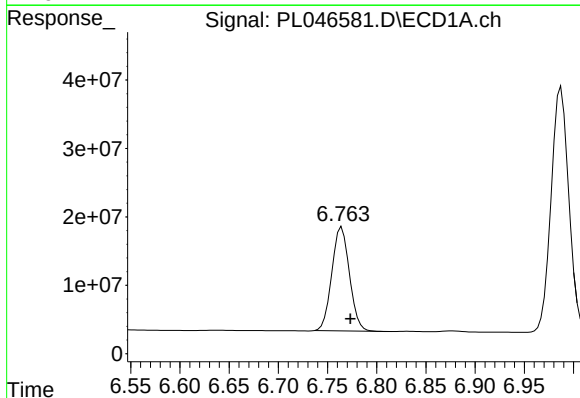
Manual Integrations  
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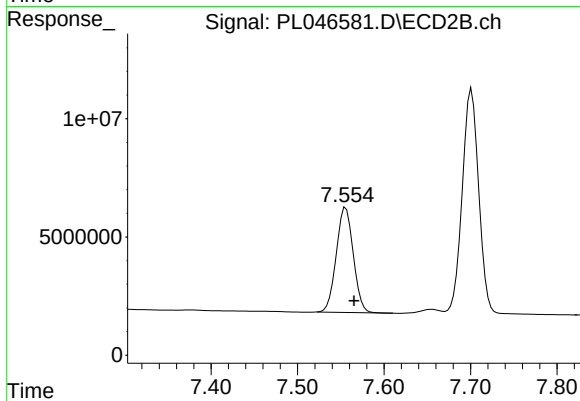
#19 Endosulfan Sulfate

R.T.: 7.232 min  
Delta R.T.: -0.010 min  
Response: 116387849  
Conc: 49.34 ng/ml



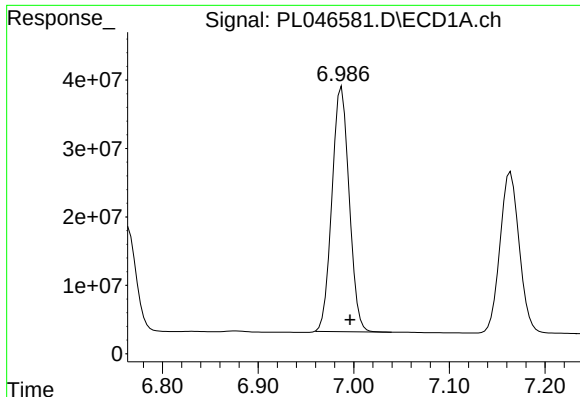
#20 Methoxychlor

R.T.: 6.765 min  
Delta R.T.: -0.009 min  
Response: 189570658  
Conc: 44.61 ng/ml



#20 Methoxychlor

R.T.: 7.556 min  
Delta R.T.: -0.009 min  
Response: 60388756  
Conc: 47.37 ng/ml



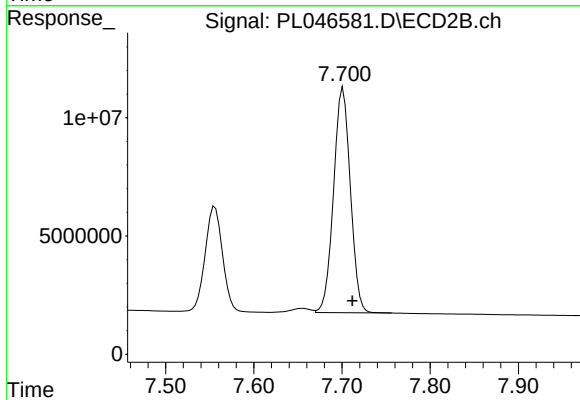
#21 Endrin ketone

R.T.: 6.987 min  
Delta R.T.: -0.009 min  
Response: 446047659  
Conc: 48.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

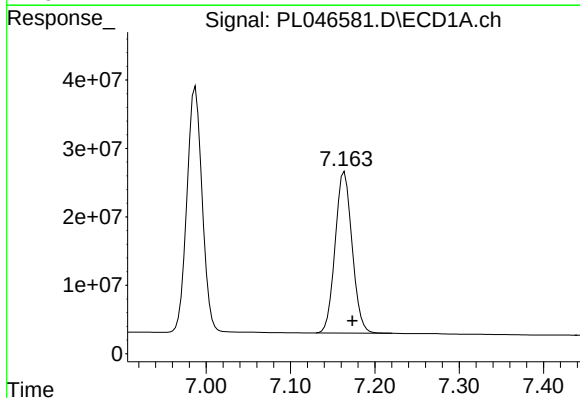
Manual Integrations  
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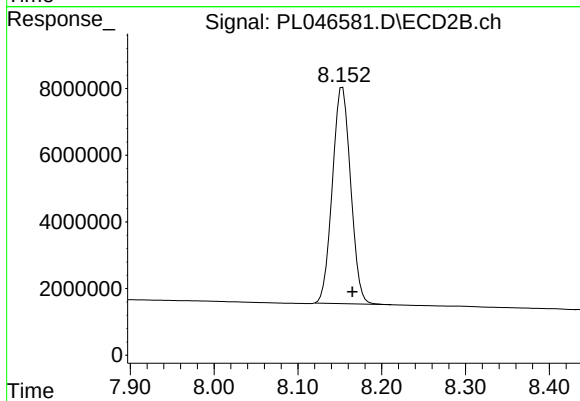
#21 Endrin ketone

R.T.: 7.701 min  
Delta R.T.: -0.011 min  
Response: 126067464  
Conc: 50.74 ng/ml



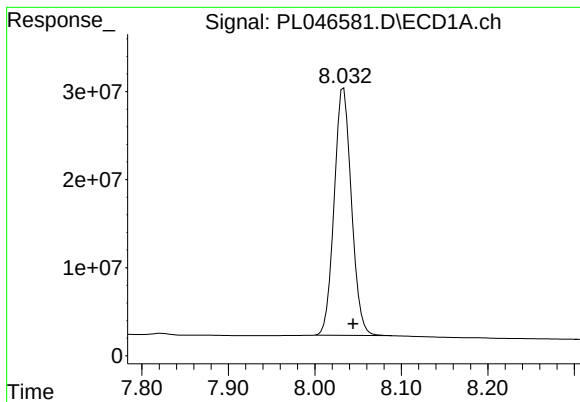
#22 Mirex

R.T.: 7.164 min  
Delta R.T.: -0.009 min  
Response: 328846850  
Conc: 45.14 ng/ml



#22 Mirex

R.T.: 8.153 min  
Delta R.T.: -0.012 min  
Response: 98200299  
Conc: 49.10 ng/ml



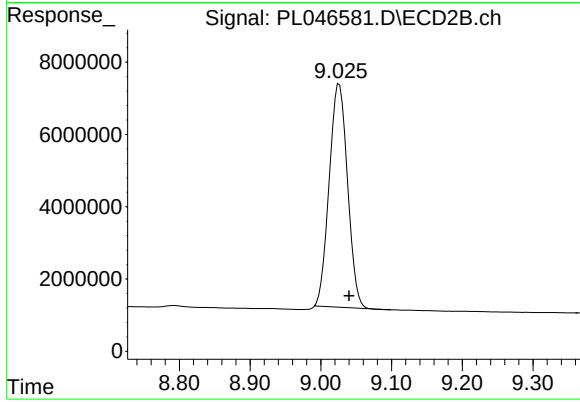
#28 Decachlorobiphenyl

R.T.: 8.033 min  
Delta R.T.: -0.011 min  
Response: 387182863  
Conc: 46.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
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#28 Decachlorobiphenyl

R.T.: 9.026 min  
Delta R.T.: -0.014 min  
Response: 111161834  
Conc: 47.95 ng/ml