

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031819\  
 Data File : PL046100.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Mar 2019 19:51  
 Operator : AJ\SJ  
 Sample : K1958-05MSD  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 TP-3MSD

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 19 01:01:27 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL022719.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Feb 27 17:00:03 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... | 3.360 | 3.979 | 104.2E6 | 31904359 | 15.141  | 14.898  |
| 28)                         | SA Decachlor... | 8.040 | 9.034 | 111.3E6 | 32024157 | 13.307  | 14.015  |
| Target Compounds            |                 |       |       |         |          |         |         |
| 2)                          | A alpha-BHC     | 3.790 | 4.369 | 462.5E6 | 122.9E6  | 41.638  | 40.452  |
| 3)                          | MA gamma-BHC... | 4.067 | 4.653 | 425.1E6 | 114.9E6  | 42.063  | 40.691  |
| 4)                          | MA Heptachlor   | 4.355 | 5.160 | 445.4E6 | 119.5E6  | 42.208  | 40.160  |
| 5)                          | MB Aldrin       | 4.595 | 5.464 | 407.0E6 | 109.0E6  | 41.848  | 40.373  |
| 6)                          | B beta-BHC      | 4.320 | 4.826 | 177.5E6 | 52724869 | 41.411  | 41.517  |
| 7)                          | B delta-BHC     | 4.516 | 5.040 | 407.3E6 | 81688560 | 42.617  | 37.979m |
| 8)                          | B Heptachlo...  | 5.032 | 5.850 | 388.3E6 | 90941708 | 41.606  | 37.862  |
| 9)                          | A Endosulfan I  | 5.364 | 6.207 | 372.7E6 | 98240718 | 41.695  | 39.450  |
| 10)                         | B gamma-Chl...  | 5.255 | 6.083 | 433.9E6 | 110.1E6  | 44.337  | 41.056m |
| 11)                         | B alpha-Chl...  | 5.311 | 6.157 | 419.1E6 | 115.2E6  | 43.216  | 42.705  |
| 12)                         | B 4,4'-DDE      | 5.478 | 6.315 | 363.1E6 | 91951705 | 41.368  | 39.365  |
| 13)                         | MA Dieldrin     | 5.604 | 6.463 | 398.5E6 | 101.2E6  | 41.695  | 39.370  |
| 14)                         | MA Endrin       | 5.855 | 6.681 | 373.5E6 | 89238985 | 41.475m | 39.221  |
| 15)                         | B Endosulfa...  | 6.131 | 6.889 | 355.3E6 | 92228098 | 40.991  | 39.219m |
| 16)                         | A 4,4'-DDD      | 5.990 | 6.803 | 297.0E6 | 77361333 | 40.558  | 40.228m |
| 17)                         | MA 4,4'-DDT     | 6.225 | 7.103 | 302.0E6 | 77203818 | 40.271  | 39.121  |
| 18)                         | B Endrin al...  | 6.298 | 7.014 | 287.0E6 | 77893948 | 39.268  | 38.105  |
| 19)                         | B Endosulfa...  | 6.510 | 7.238 | 314.8E6 | 85859449 | 38.731  | 38.168  |
| 20)                         | A Methoxychlor  | 6.770 | 7.562 | 166.3E6 | 47134531 | 37.870  | 38.401  |
| 21)                         | B Endrin ke...  | 6.993 | 7.708 | 354.9E6 | 92839597 | 38.525  | 39.034  |
| 22)                         | Mirex           | 7.170 | 8.159 | 269.5E6 | 75113191 | 36.217  | 37.713  |
| -----                       |                 |       |       |         |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031819\  
Data File : PL046100.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 Mar 2019 19:51  
Operator : AJ\SJ  
Sample : K1958-05MSD  
Misc :  
ALS Vial : 33 Sample Multiplier: 1

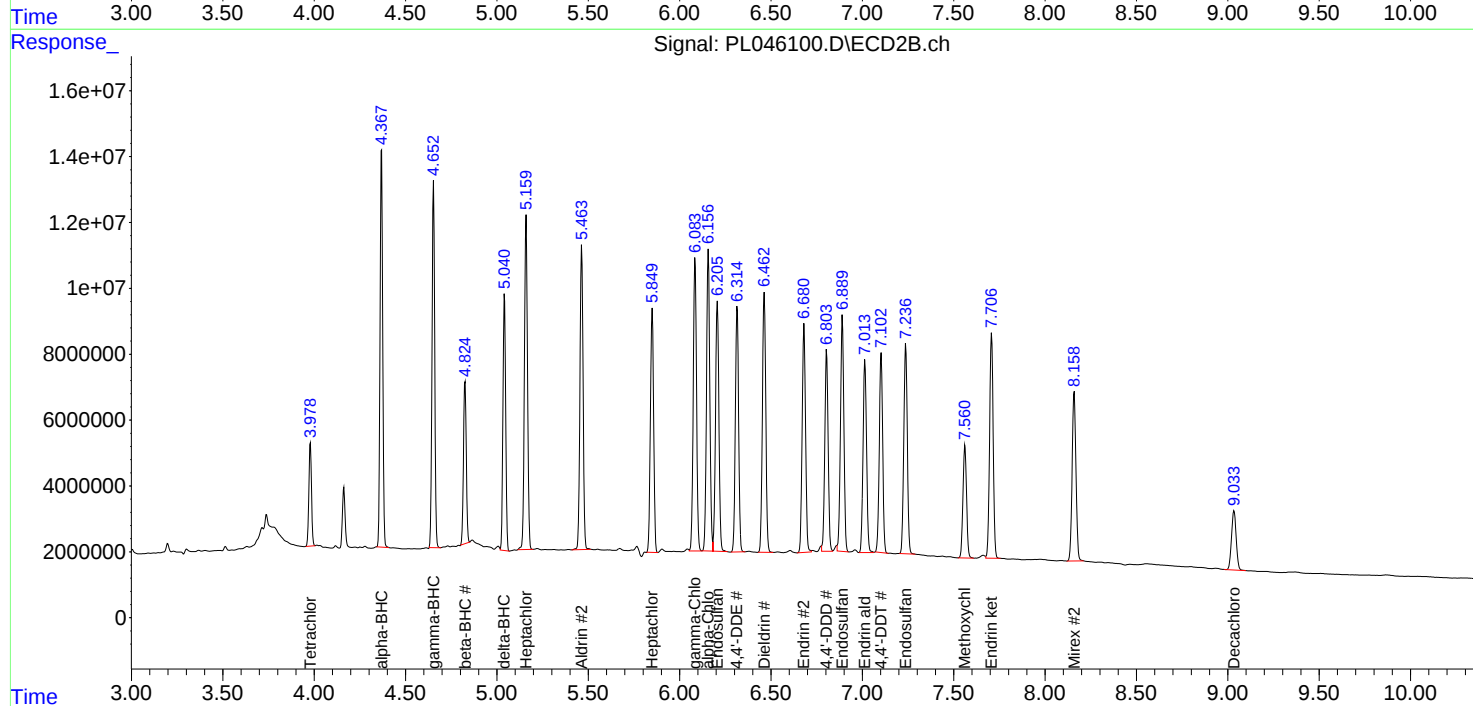
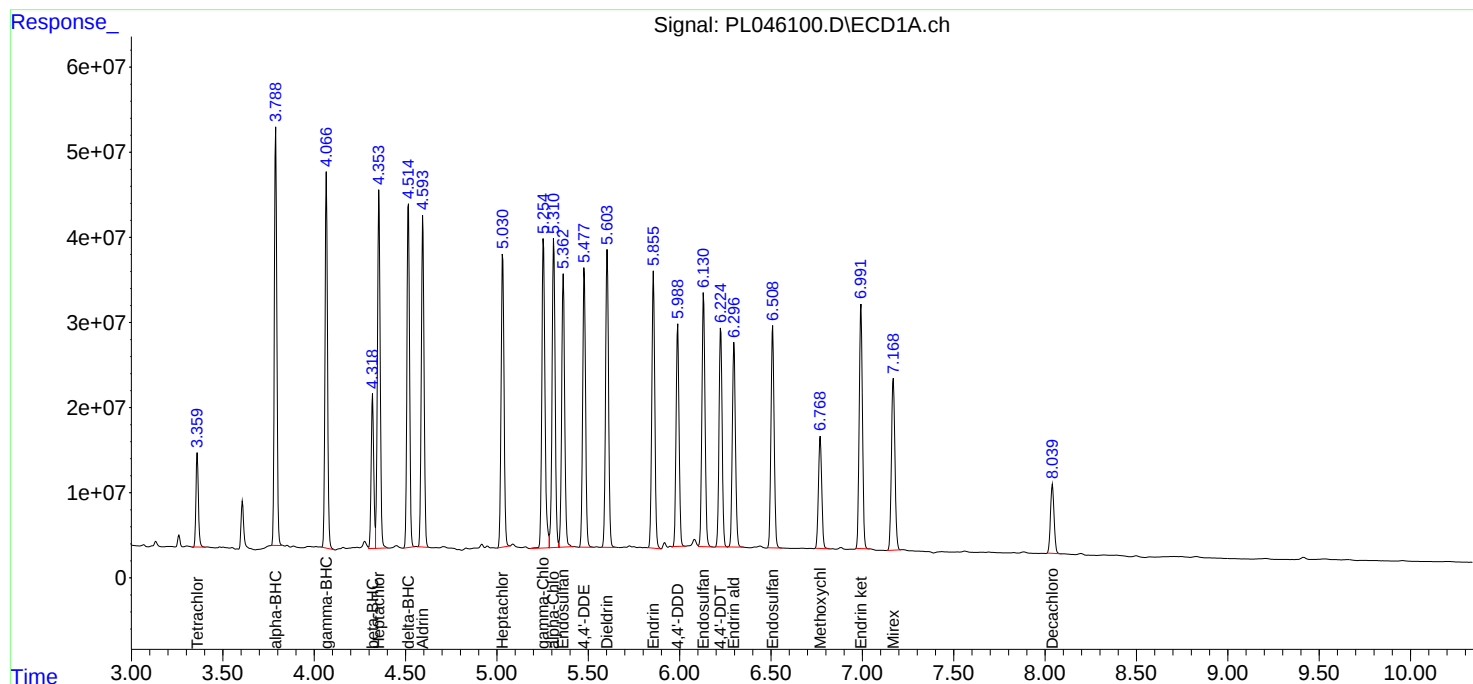
Instrument :  
ECD\_L  
ClientSampled :  
TP-3MSD

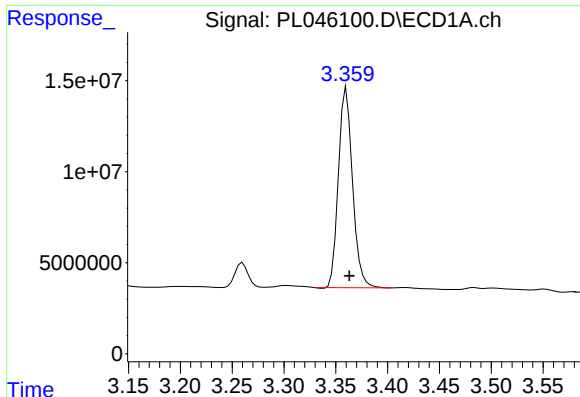
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 19 01:01:27 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL022719.M  
Quant Title : GC Extractables  
QLast Update : Wed Feb 27 17:00:03 2019  
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





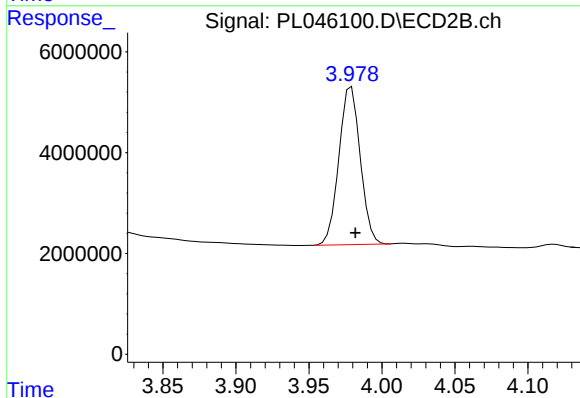
#1 Tetrachloro-m-xylene

R.T.: 3.360 min  
Delta R.T.: -0.003 min  
Response: 104157466  
Conc: 15.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-3MSD

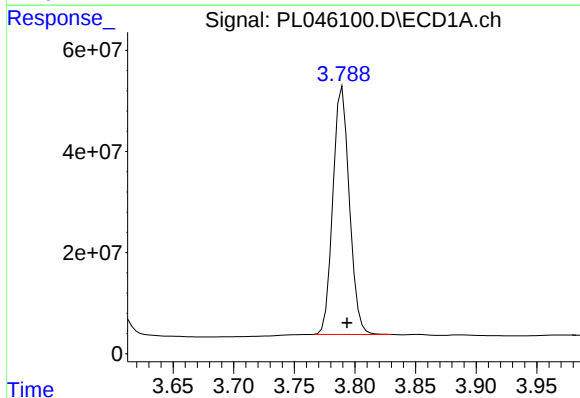
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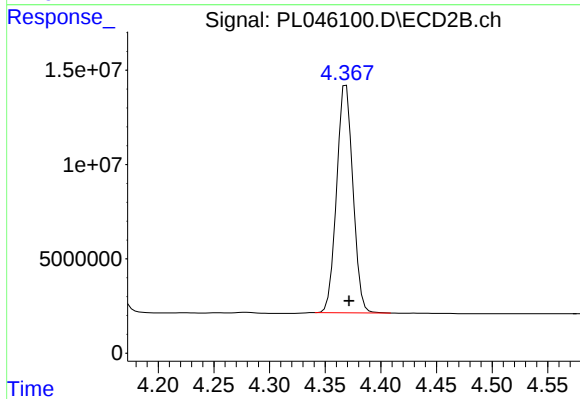
#1 Tetrachloro-m-xylene

R.T.: 3.979 min  
Delta R.T.: -0.003 min  
Response: 31904359  
Conc: 14.90 ng/ml



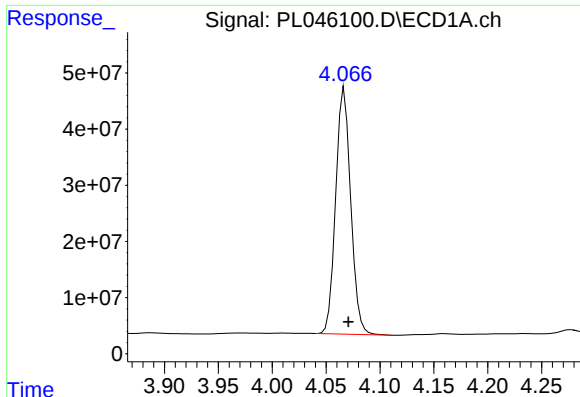
#2 alpha-BHC

R.T.: 3.790 min  
Delta R.T.: -0.004 min  
Response: 462486337  
Conc: 41.64 ng/ml



#2 alpha-BHC

R.T.: 4.369 min  
Delta R.T.: -0.002 min  
Response: 122918558  
Conc: 40.45 ng/ml



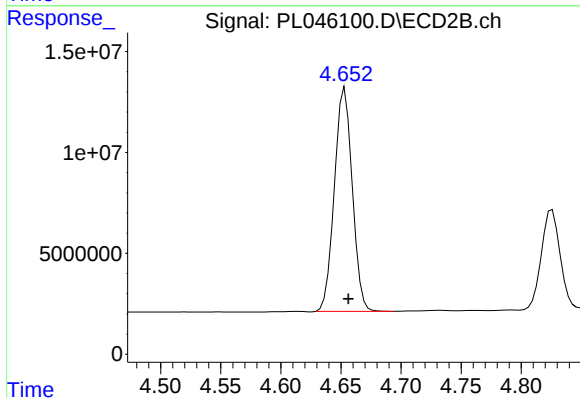
#3 gamma-BHC (Lindane)

R.T.: 4.067 min  
Delta R.T.: -0.004 min  
Response: 425140381  
Conc: 42.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-3MSD

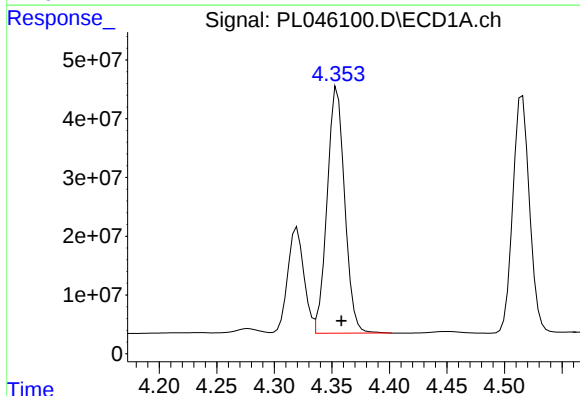
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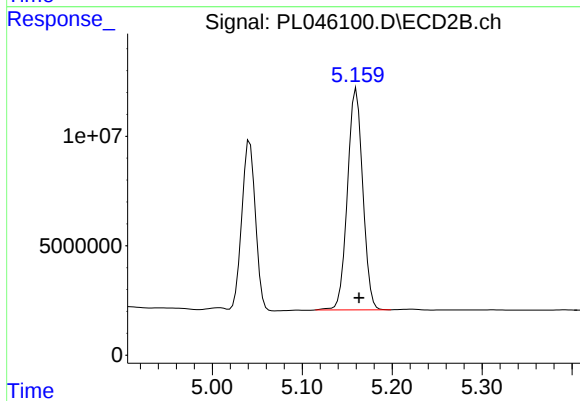
#3 gamma-BHC (Lindane)

R.T.: 4.653 min  
Delta R.T.: -0.003 min  
Response: 114936551  
Conc: 40.69 ng/ml



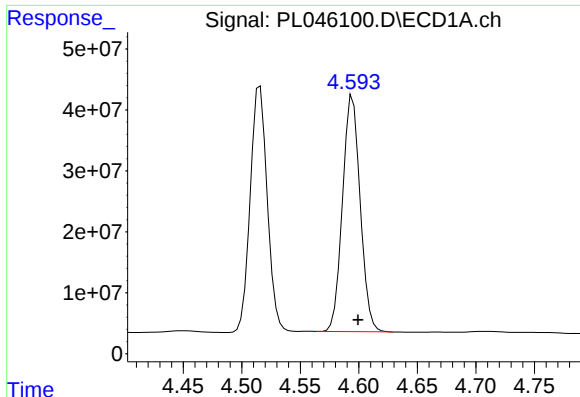
#4 Heptachlor

R.T.: 4.355 min  
Delta R.T.: -0.004 min  
Response: 445388137  
Conc: 42.21 ng/ml



#4 Heptachlor

R.T.: 5.160 min  
Delta R.T.: -0.003 min  
Response: 119473989  
Conc: 40.16 ng/ml



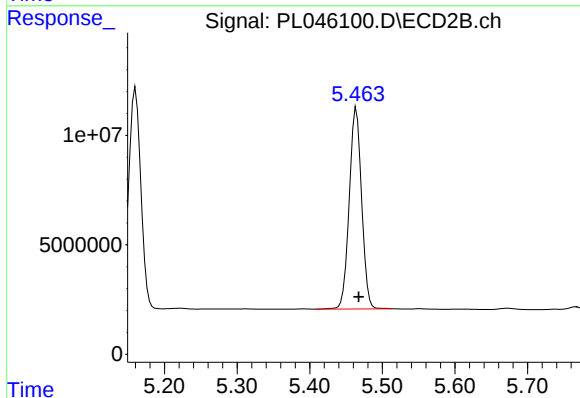
#5 Aldrin

R.T.: 4.595 min  
Delta R.T.: -0.005 min  
Response: 407026990  
Conc: 41.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-3MSD

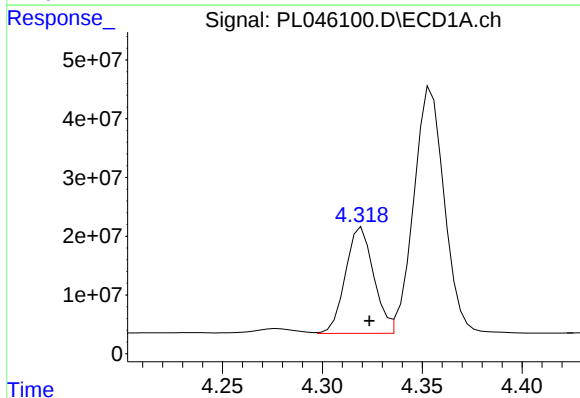
Manual Integrations  
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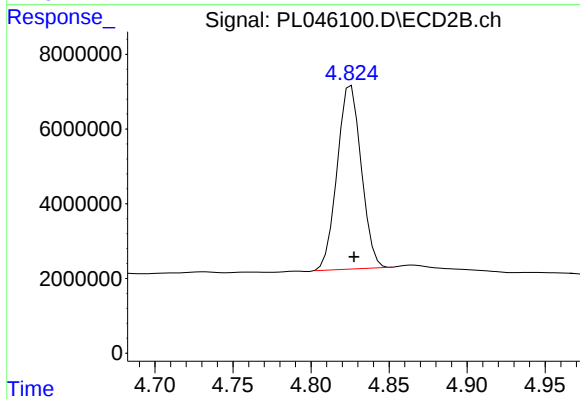
#5 Aldrin

R.T.: 5.464 min  
Delta R.T.: -0.003 min  
Response: 109044699  
Conc: 40.37 ng/ml



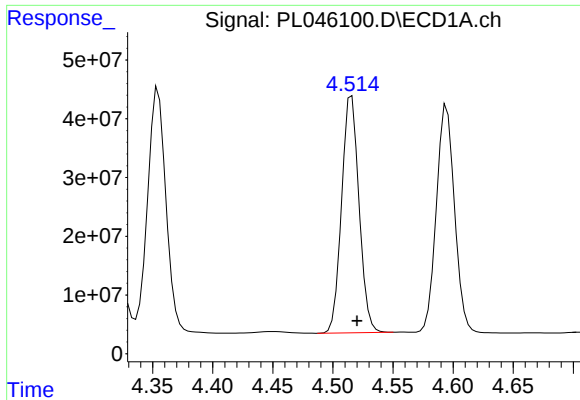
#6 beta-BHC

R.T.: 4.320 min  
Delta R.T.: -0.004 min  
Response: 177490339  
Conc: 41.41 ng/ml



#6 beta-BHC

R.T.: 4.826 min  
Delta R.T.: -0.002 min  
Response: 52724869  
Conc: 41.52 ng/ml



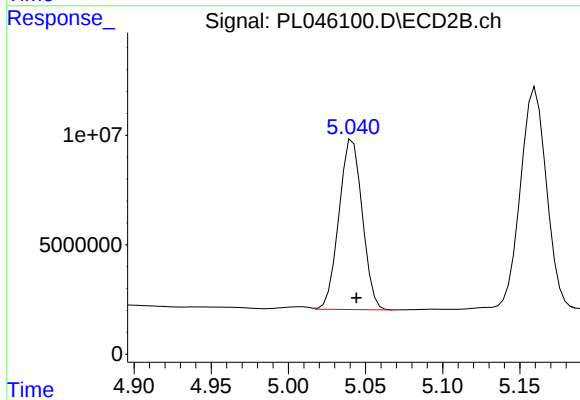
#7 delta-BHC

R.T.: 4.516 min  
Delta R.T.: -0.004 min  
Response: 407326322  
Conc: 42.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-3MSD

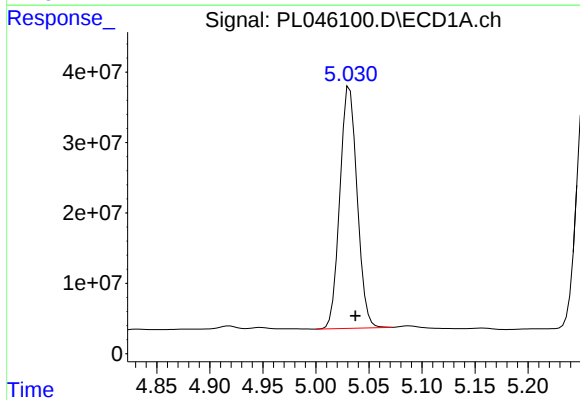
Manual Integrations  
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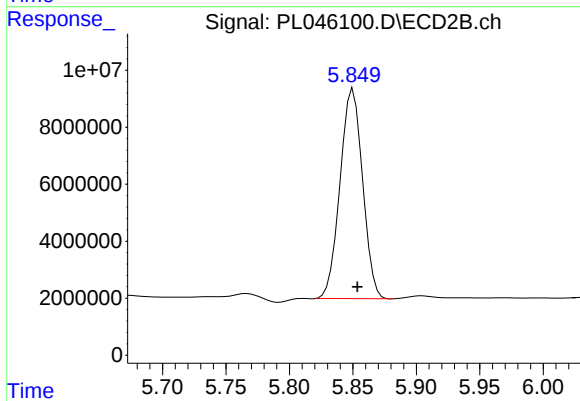
#7 delta-BHC

R.T.: 5.040 min  
Delta R.T.: -0.004 min  
Response: 81688560  
Conc: 37.98 ng/ml m



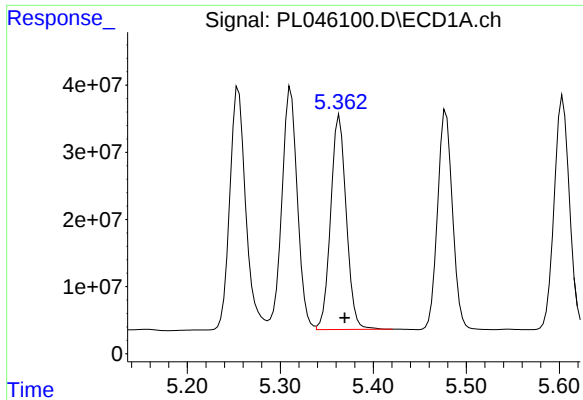
#8 Heptachlor epoxide

R.T.: 5.032 min  
Delta R.T.: -0.005 min  
Response: 388311520  
Conc: 41.61 ng/ml



#8 Heptachlor epoxide

R.T.: 5.850 min  
Delta R.T.: -0.003 min  
Response: 90941708  
Conc: 37.86 ng/ml



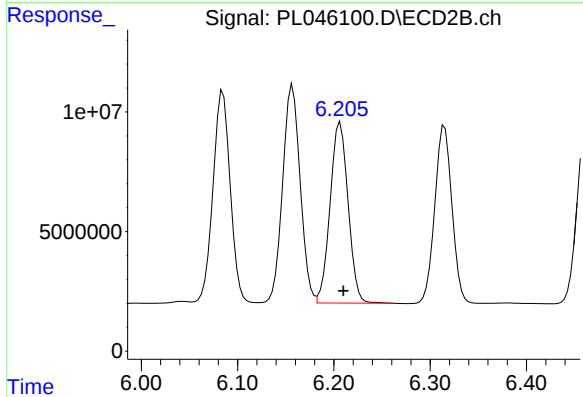
#9 Endosulfan I

R.T.: 5.364 min  
Delta R.T.: -0.005 min  
Response: 372685369  
Conc: 41.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-3MSD

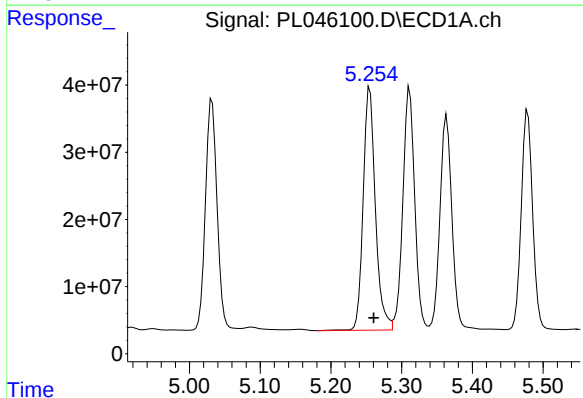
Manual Integrations  
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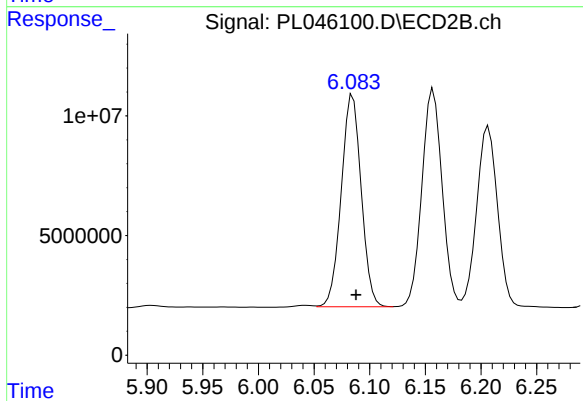
#9 Endosulfan I

R.T.: 6.207 min  
Delta R.T.: -0.003 min  
Response: 98240718  
Conc: 39.45 ng/ml



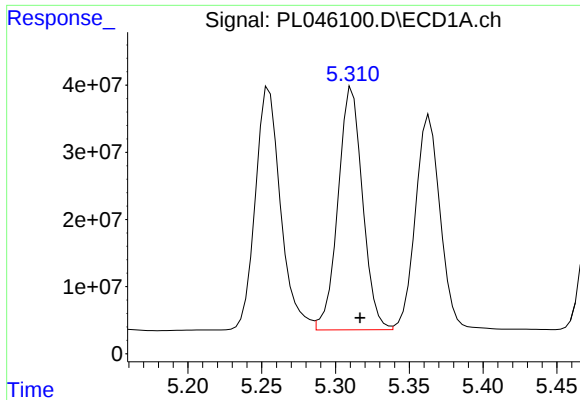
#10 gamma-Chlordane

R.T.: 5.255 min  
Delta R.T.: -0.006 min  
Response: 433926595  
Conc: 44.34 ng/ml



#10 gamma-Chlordane

R.T.: 6.083 min  
Delta R.T.: -0.004 min  
Response: 110149284  
Conc: 41.06 ng/ml m



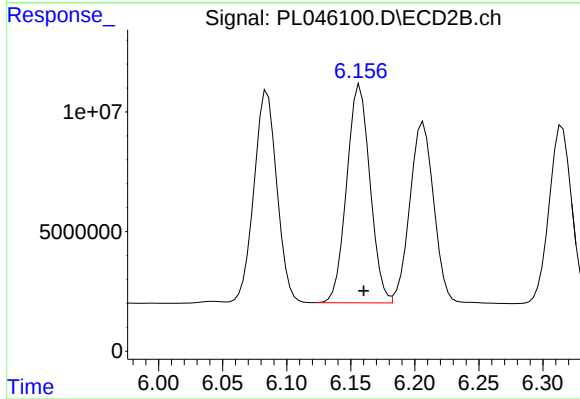
#11 alpha-Chlordane

R.T.: 5.311 min  
Delta R.T.: -0.005 min  
Response: 419061336  
Conc: 43.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-3MSD

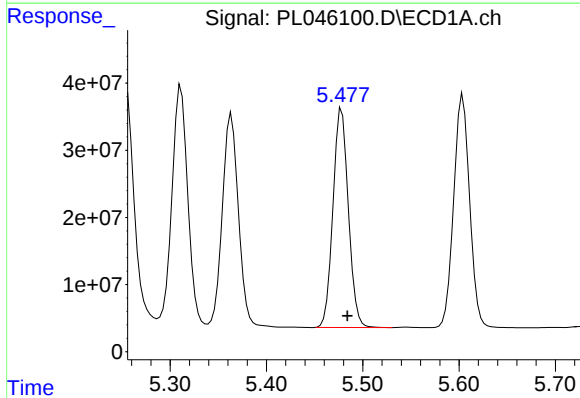
Manual Integrations  
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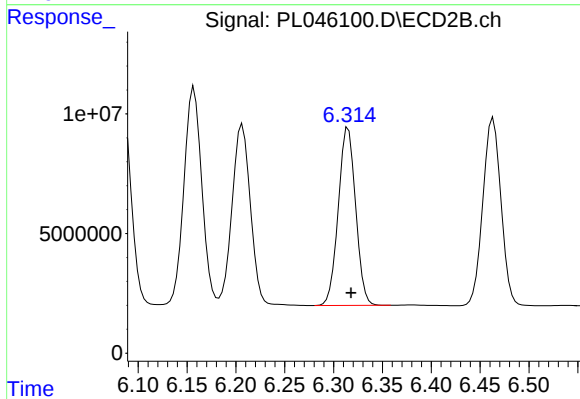
#11 alpha-Chlordane

R.T.: 6.157 min  
Delta R.T.: -0.003 min  
Response: 115205685  
Conc: 42.71 ng/ml



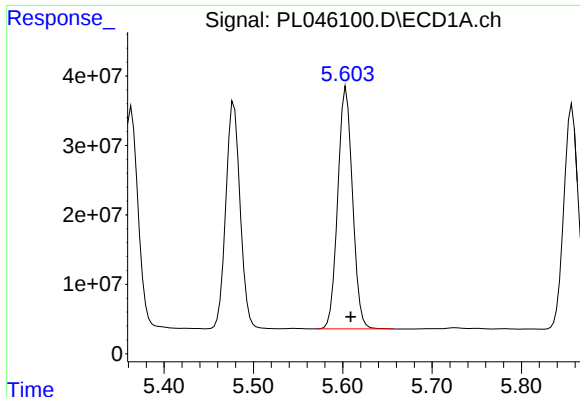
#12 4,4'-DDE

R.T.: 5.478 min  
Delta R.T.: -0.006 min  
Response: 363136373  
Conc: 41.37 ng/ml



#12 4,4'-DDE

R.T.: 6.315 min  
Delta R.T.: -0.003 min  
Response: 91951705  
Conc: 39.36 ng/ml



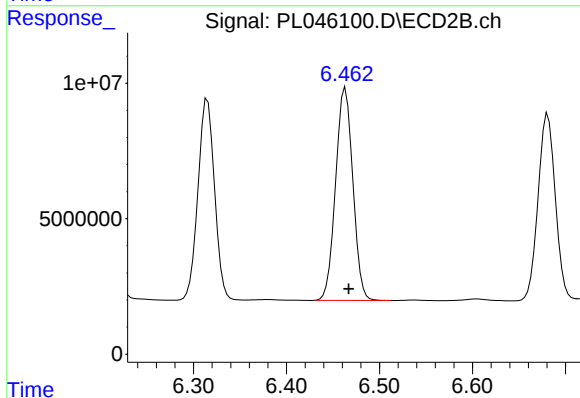
#13 Dieldrin

R.T.: 5.604 min  
Delta R.T.: -0.005 min  
Response: 398513787  
Conc: 41.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-3MSD

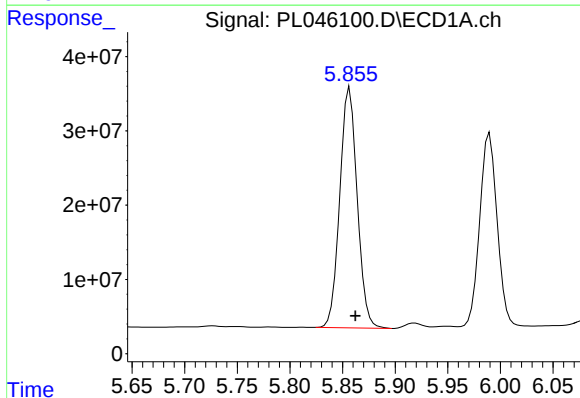
Manual Integrations  
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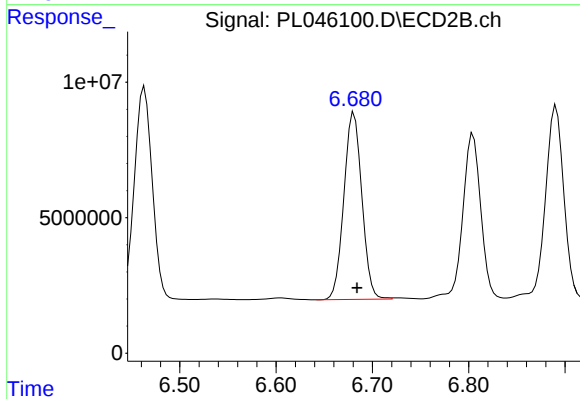
#13 Dieldrin

R.T.: 6.463 min  
Delta R.T.: -0.003 min  
Response: 101169588  
Conc: 39.37 ng/ml



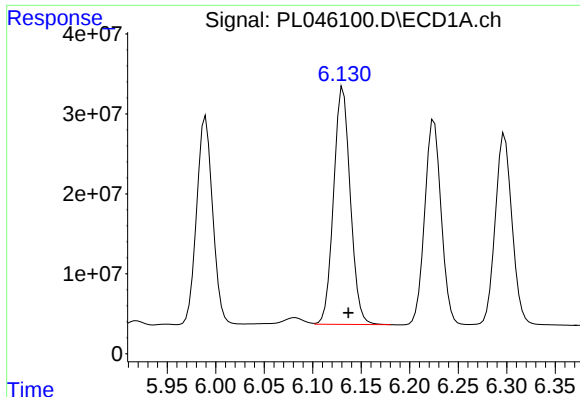
#14 Endrin

R.T.: 5.855 min  
Delta R.T.: -0.007 min  
Response: 373510518  
Conc: 41.47 ng/ml m



#14 Endrin

R.T.: 6.681 min  
Delta R.T.: -0.003 min  
Response: 89238985  
Conc: 39.22 ng/ml



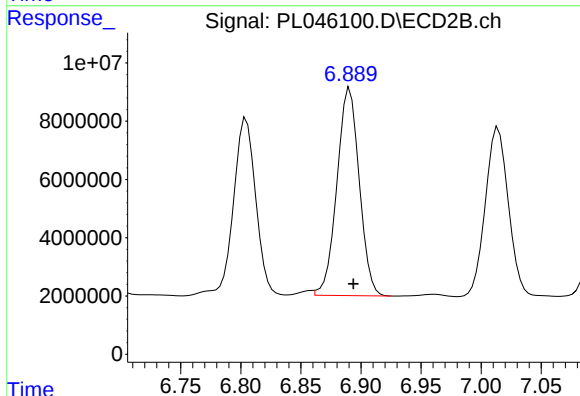
#15 Endosulfan II

R.T.: 6.131 min  
Delta R.T.: -0.005 min  
Response: 355334158  
Conc: 40.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-3MSD

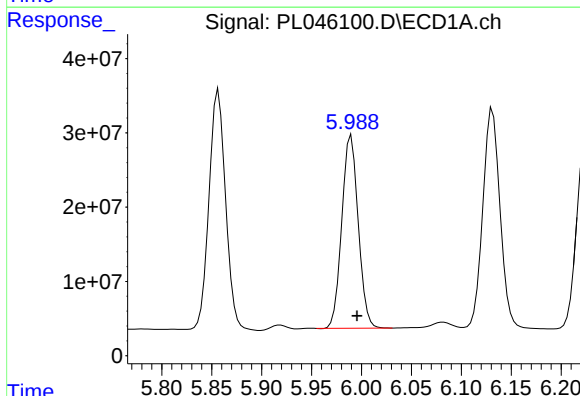
Manual Integrations  
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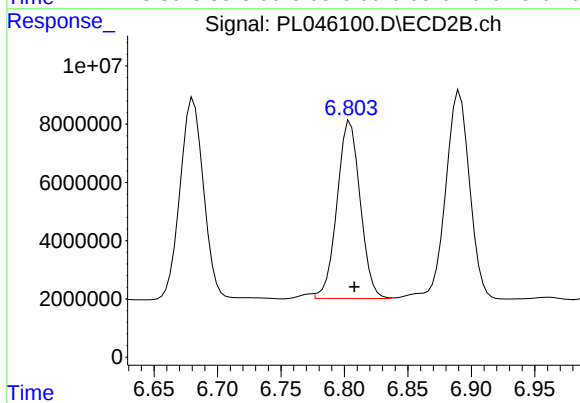
#15 Endosulfan II

R.T.: 6.889 min  
Delta R.T.: -0.004 min  
Response: 92228098  
Conc: 39.22 ng/ml m



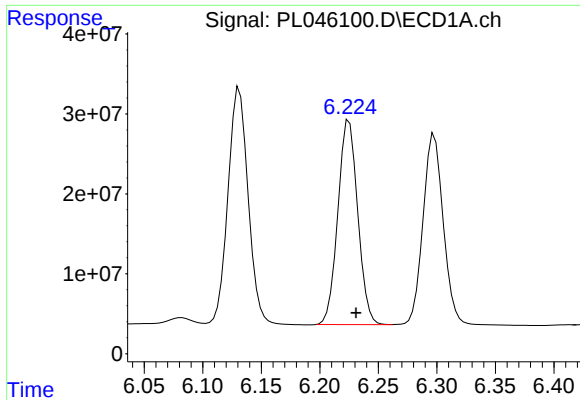
#16 4,4'-DDD

R.T.: 5.990 min  
Delta R.T.: -0.006 min  
Response: 296955729  
Conc: 40.56 ng/ml



#16 4,4'-DDD

R.T.: 6.803 min  
Delta R.T.: -0.005 min  
Response: 77361333  
Conc: 40.23 ng/ml m



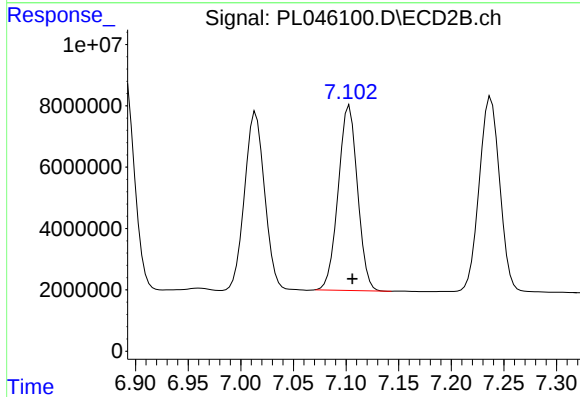
#17 4,4'-DDT

R.T.: 6.225 min  
Delta R.T.: -0.006 min  
Response: 302034402  
Conc: 40.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-3MSD

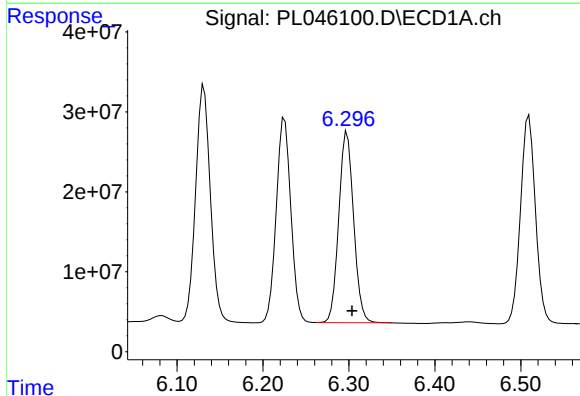
Manual Integrations  
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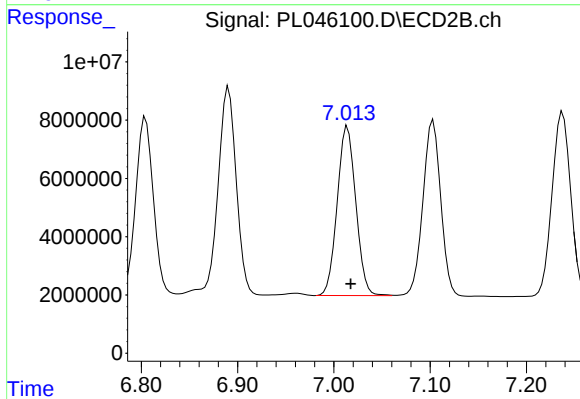
#17 4,4'-DDT

R.T.: 7.103 min  
Delta R.T.: -0.003 min  
Response: 77203818  
Conc: 39.12 ng/ml



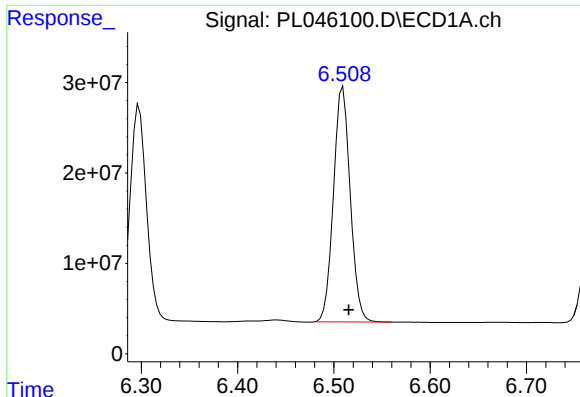
#18 Endrin aldehyde

R.T.: 6.298 min  
Delta R.T.: -0.006 min  
Response: 287036056  
Conc: 39.27 ng/ml



#18 Endrin aldehyde

R.T.: 7.014 min  
Delta R.T.: -0.003 min  
Response: 77893948  
Conc: 38.10 ng/ml



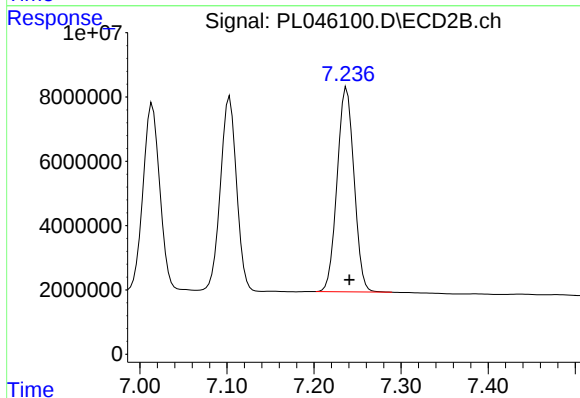
#19 Endosulfan Sulfate

R.T.: 6.510 min  
Delta R.T.: -0.006 min  
Response: 314814180  
Conc: 38.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-3MSD

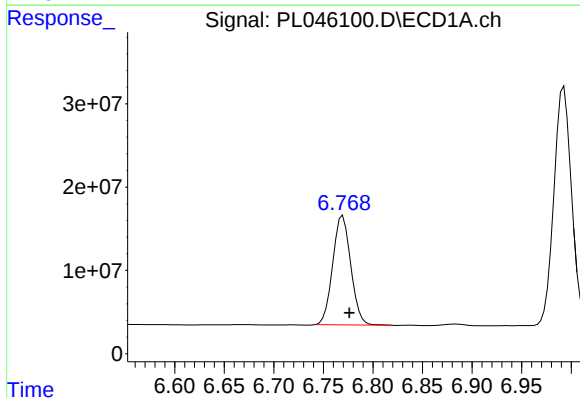
Manual Integrations  
APPROVED

Sohil  
3/19/2019 2:08:04 PM



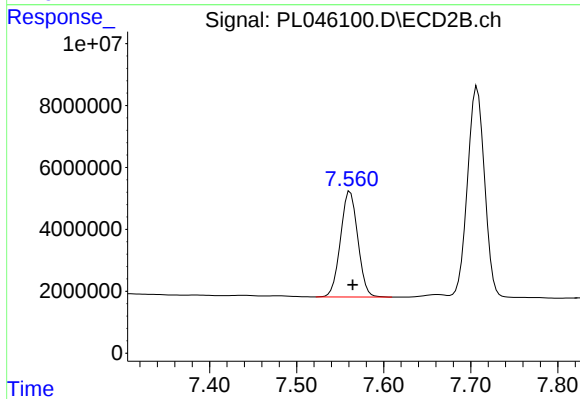
#19 Endosulfan Sulfate

R.T.: 7.238 min  
Delta R.T.: -0.003 min  
Response: 85859449  
Conc: 38.17 ng/ml



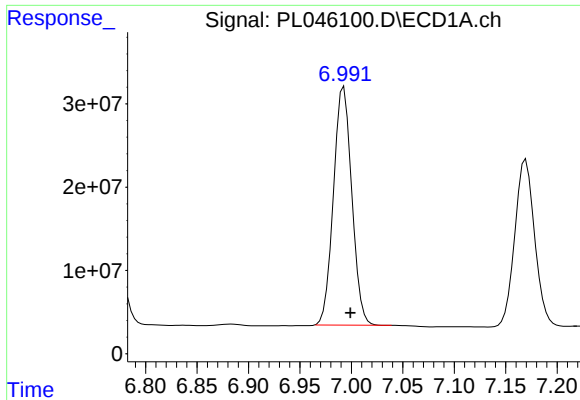
#20 Methoxychlor

R.T.: 6.770 min  
Delta R.T.: -0.007 min  
Response: 166315674  
Conc: 37.87 ng/ml



#20 Methoxychlor

R.T.: 7.562 min  
Delta R.T.: -0.003 min  
Response: 47134531  
Conc: 38.40 ng/ml



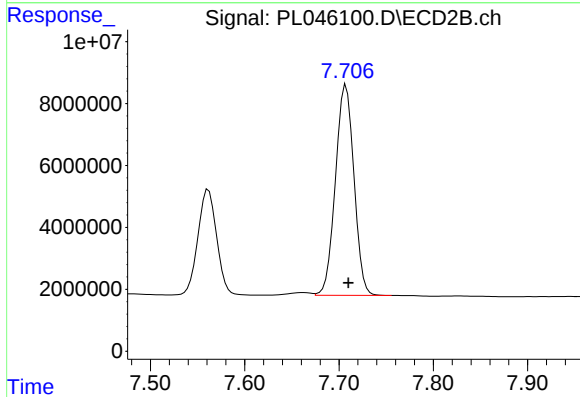
#21 Endrin ketone

R.T.: 6.993 min  
Delta R.T.: -0.007 min  
Response: 354923825  
Conc: 38.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-3MSD

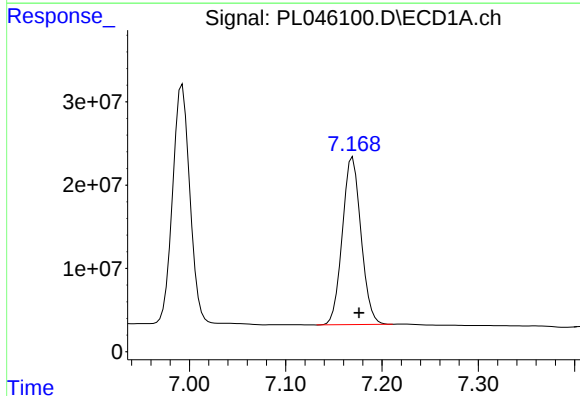
Manual Integrations  
APPROVED

Sohil  
3/19/2019 2:08:04 PM



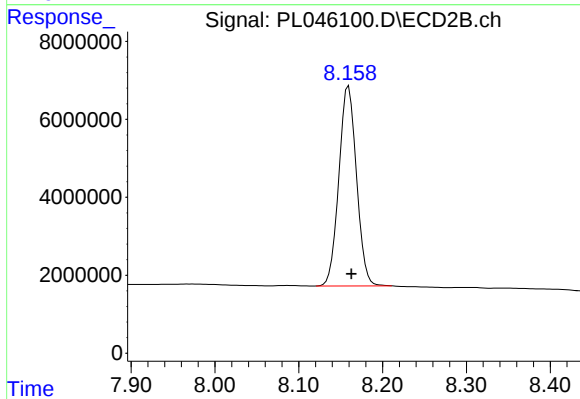
#21 Endrin ketone

R.T.: 7.708 min  
Delta R.T.: -0.002 min  
Response: 92839597  
Conc: 39.03 ng/ml



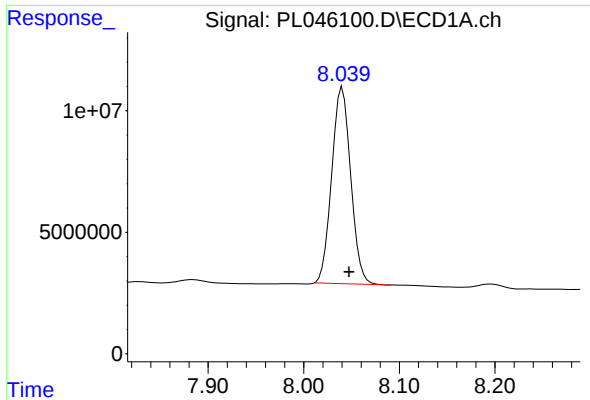
#22 Mirex

R.T.: 7.170 min  
Delta R.T.: -0.007 min  
Response: 269459883  
Conc: 36.22 ng/ml



#22 Mirex

R.T.: 8.159 min  
Delta R.T.: -0.003 min  
Response: 75113191  
Conc: 37.71 ng/ml



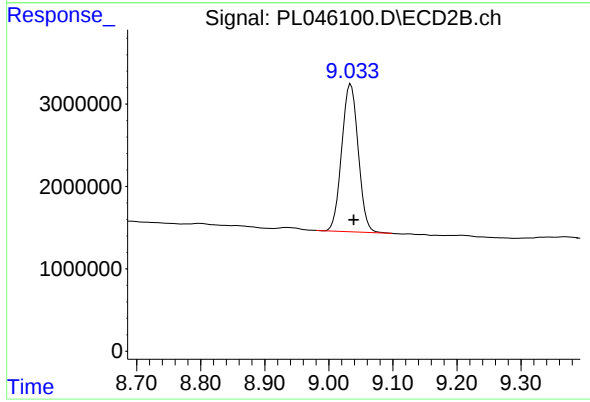
#28 Decachlorobiphenyl

R.T.: 8.040 min  
Delta R.T.: -0.007 min  
Response: 111343700  
Conc: 13.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-3MSD

Manual Integrations  
APPROVED

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3/19/2019 2:08:04 PM



#28 Decachlorobiphenyl

R.T.: 9.034 min  
Delta R.T.: -0.005 min  
Response: 32024157  
Conc: 14.02 ng/ml