

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL100318\  
 Data File : PL040596.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Oct 2018 14:16  
 Operator : AJ\SJ  
 Sample : PB113457BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB113457BS

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 04 02:17:37 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092618.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Sep 27 01:27:39 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1  | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-----------------|-------|-------|---------|----------|---------|---------|
| -----                       |                 |       |       |         |          |         |         |
| System Monitoring Compounds |                 |       |       |         |          |         |         |
| 1)                          | SA Tetrachlo... | 3.209 | 3.806 | 148.9E6 | 55539350 | 20.335  | 17.588  |
| 2)                          | SA Decachlor... | 7.810 | 8.730 | 194.1E6 | 54191657 | 20.423  | 17.112  |
| Target Compounds            |                 |       |       |         |          |         |         |
| 2)                          | A alpha-BHC     | 3.630 | 4.177 | 684.1E6 | 242.1E6  | 58.465  | 51.061  |
| 3)                          | MA gamma-BHC... | 3.900 | 4.451 | 631.1E6 | 222.1E6  | 58.044  | 48.939  |
| 4)                          | MA Heptachlor   | 4.174 | 4.949 | 678.4E6 | 218.9E6  | 57.654  | 51.522  |
| 5)                          | MB Aldrin       | 4.405 | 5.245 | 632.6E6 | 212.2E6  | 59.873  | 50.270  |
| 6)                          | B beta-BHC      | 4.154 | 4.614 | 235.8E6 | 96892998 | 55.862  | 48.492  |
| 7)                          | B delta-BHC     | 4.340 | 4.821 | 663.5E6 | 227.0E6  | 59.448  | 49.188m |
| 8)                          | B Heptachlo...  | 4.836 | 5.622 | 597.0E6 | 193.9E6  | 57.674  | 50.522  |
| 9)                          | A Endosulfan I  | 5.159 | 5.969 | 576.2E6 | 179.2E6  | 57.160  | 48.164  |
| 10)                         | B gamma-Chl...  | 5.054 | 5.851 | 640.0E6 | 197.3E6  | 58.934  | 49.917  |
| 11)                         | B alpha-Chl...  | 5.109 | 5.924 | 615.7E6 | 195.3E6  | 58.765  | 49.763  |
| 12)                         | B 4,4'-DDE      | 5.279 | 6.083 | 619.9E6 | 195.5E6  | 56.084  | 48.566  |
| 13)                         | MA Dieldrin     | 5.395 | 6.219 | 619.1E6 | 194.6E6  | 56.515  | 50.945m |
| 14)                         | MA Endrin       | 5.643 | 6.432 | 552.4E6 | 162.0E6  | 55.612  | 49.582  |
| 15)                         | B Endosulfa...  | 5.918 | 6.636 | 567.2E6 | 162.5E6  | 56.928  | 46.476  |
| 16)                         | A 4,4'-DDD      | 5.784 | 6.561 | 522.9E6 | 152.4E6  | 56.646  | 47.965  |
| 17)                         | MA 4,4'-DDT     | 6.013 | 6.857 | 477.6E6 | 148.4E6  | 59.055m | 48.685  |
| 18)                         | B Endrin al...  | 6.083 | 6.758 | 450.6E6 | 139.9E6  | 53.664m | 46.730  |
| 19)                         | B Endosulfa...  | 6.294 | 6.979 | 536.2E6 | 152.9E6  | 56.023  | 47.525  |
| 20)                         | A Methoxychlor  | 6.560 | 7.313 | 259.3E6 | 76531594 | 53.688  | 50.220  |
| 21)                         | B Endrin ke...  | 6.769 | 7.437 | 616.3E6 | 164.1E6  | 56.805  | 53.376  |
| -----                       |                 |       |       |         |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL100318\  
Data File : PL040596.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Oct 2018 14:16  
Operator : AJ\SJ  
Sample : PB113457BS  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

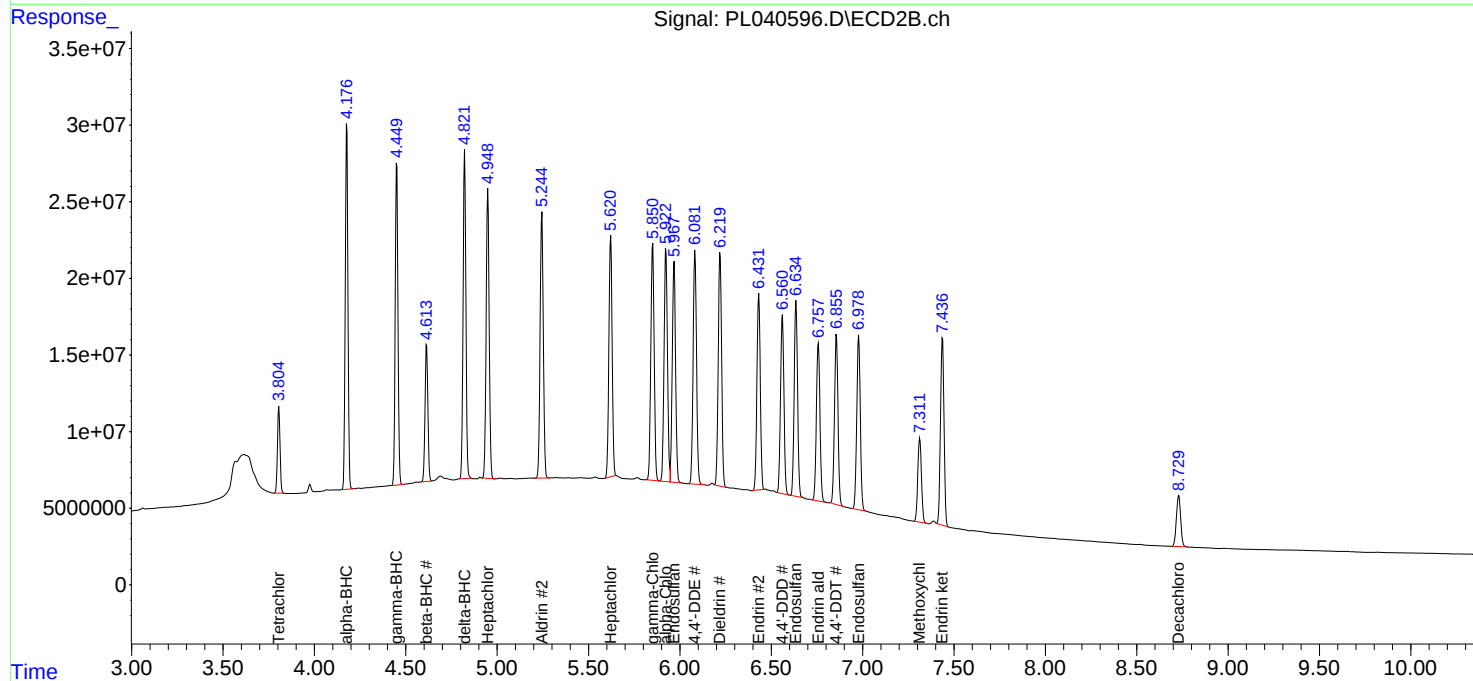
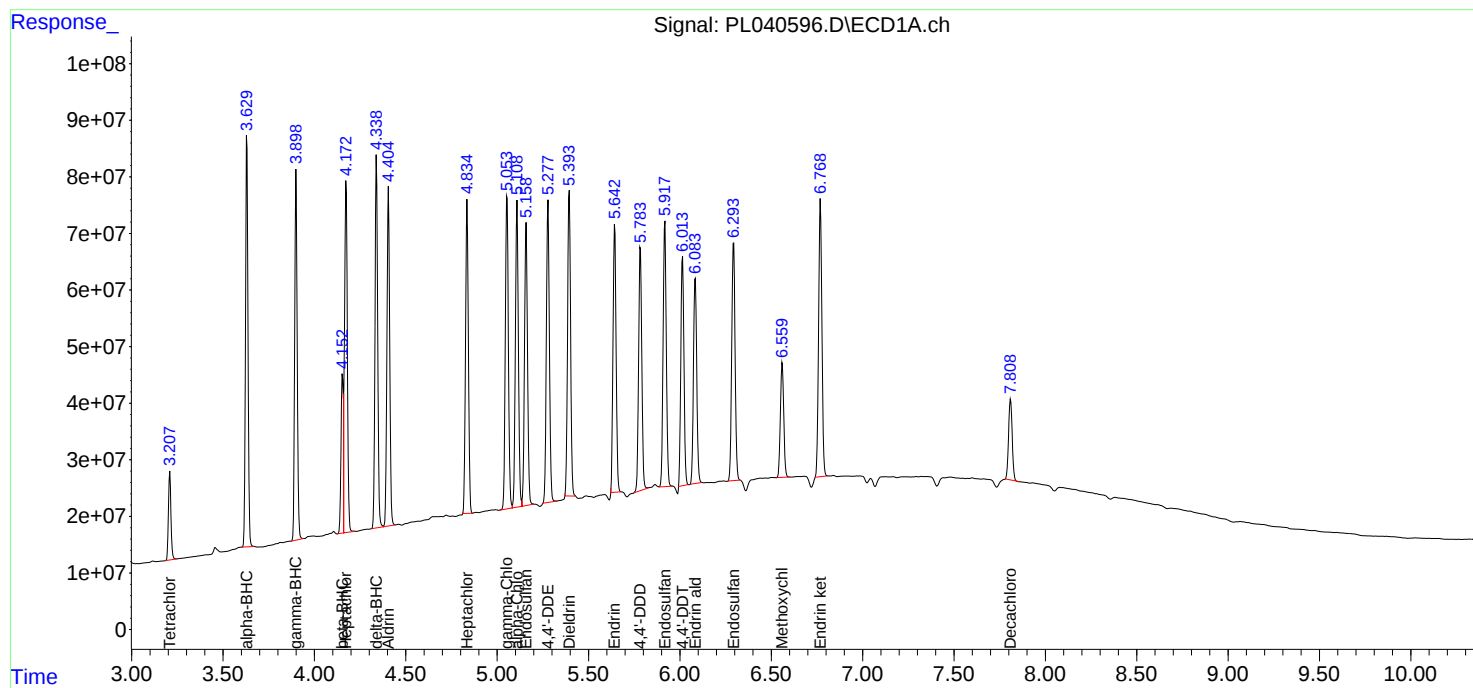
Instrument :  
ECD\_L  
ClientSampleId :  
PB113457BS

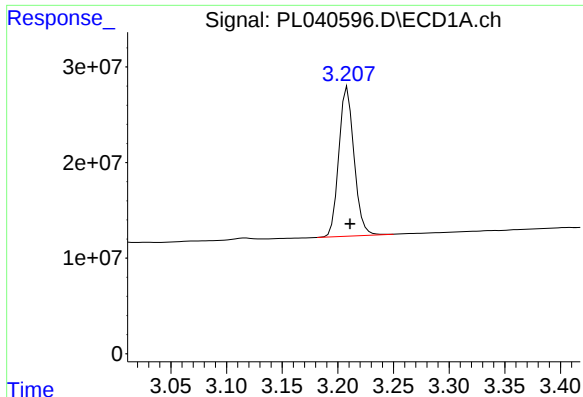
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 04 02:17:37 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092618.M  
Quant Title : GC Extractables  
QLast Update : Thu Sep 27 01:27:39 2018  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





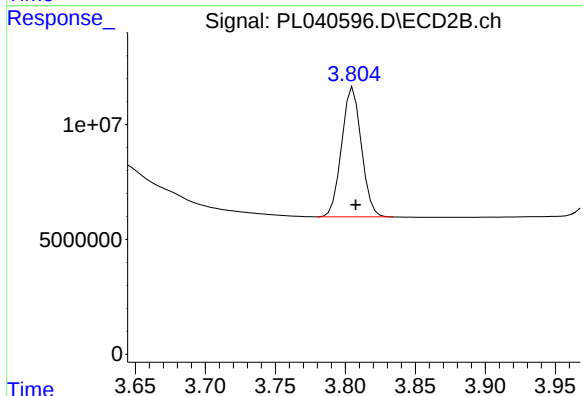
#1 Tetrachloro-m-xylene

R.T.: 3.209 min  
Delta R.T.: -0.002 min  
Response: 148855142  
Conc: 20.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB113457BS

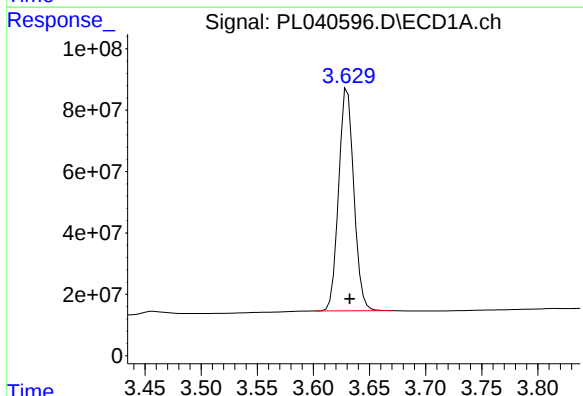
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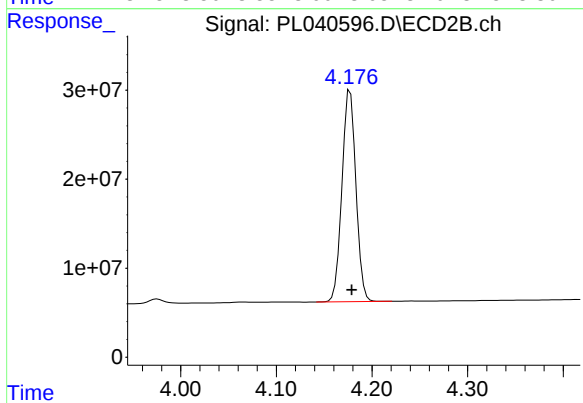
#1 Tetrachloro-m-xylene

R.T.: 3.806 min  
Delta R.T.: -0.002 min  
Response: 55539350  
Conc: 17.59 ng/ml



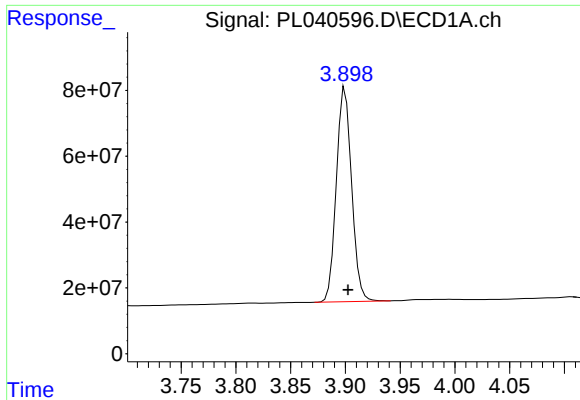
#2 alpha-BHC

R.T.: 3.630 min  
Delta R.T.: -0.002 min  
Response: 684066116  
Conc: 58.46 ng/ml



#2 alpha-BHC

R.T.: 4.177 min  
Delta R.T.: -0.002 min  
Response: 242089222  
Conc: 51.06 ng/ml



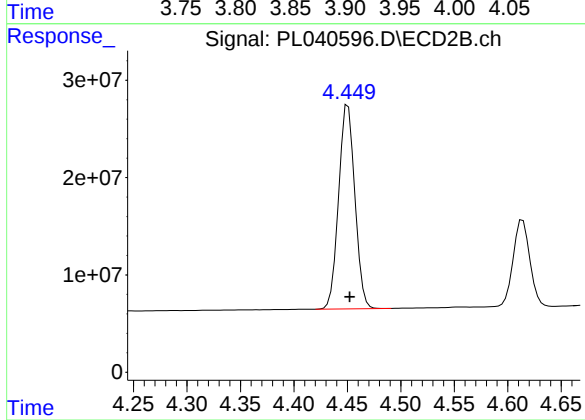
#3 gamma-BHC (Lindane)

R.T.: 3.900 min  
Delta R.T.: -0.003 min  
Response: 631084774  
Conc: 58.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB113457BS

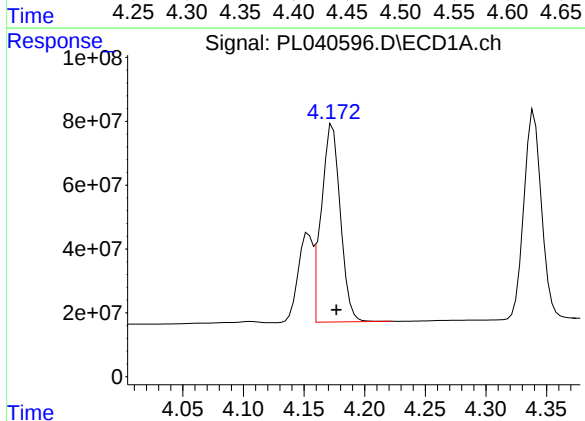
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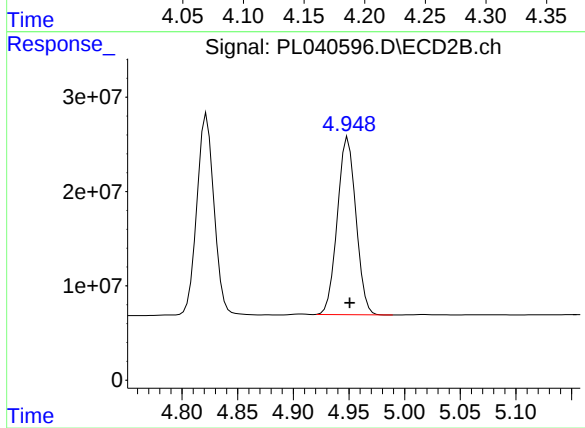
#3 gamma-BHC (Lindane)

R.T.: 4.451 min  
Delta R.T.: -0.002 min  
Response: 222096020  
Conc: 48.94 ng/ml



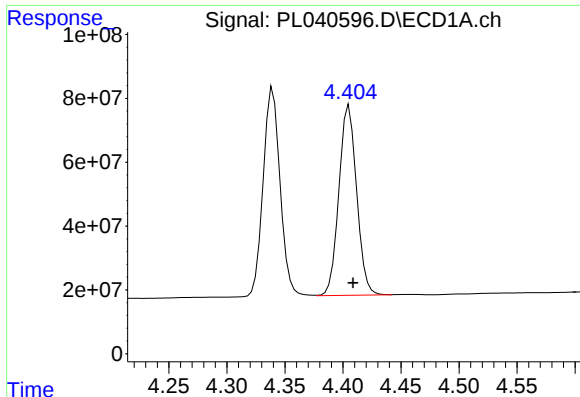
#4 Heptachlor

R.T.: 4.174 min  
Delta R.T.: -0.003 min  
Response: 678408680  
Conc: 57.65 ng/ml



#4 Heptachlor

R.T.: 4.949 min  
Delta R.T.: -0.002 min  
Response: 218858615  
Conc: 51.52 ng/ml



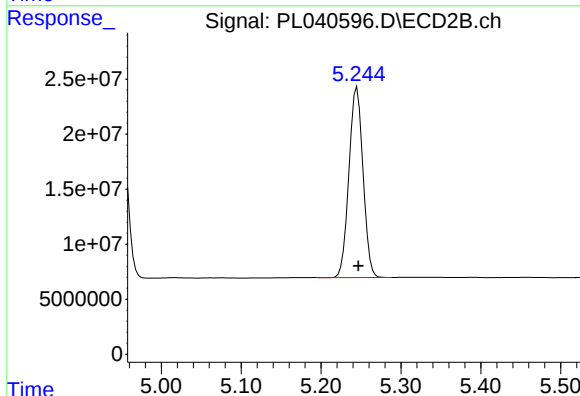
#5 Aldrin

R.T.: 4.405 min  
Delta R.T.: -0.003 min  
Response: 632644958  
Conc: 59.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB113457BS

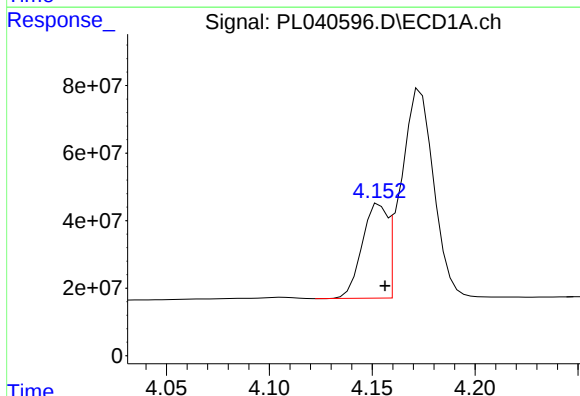
Manual Integrations  
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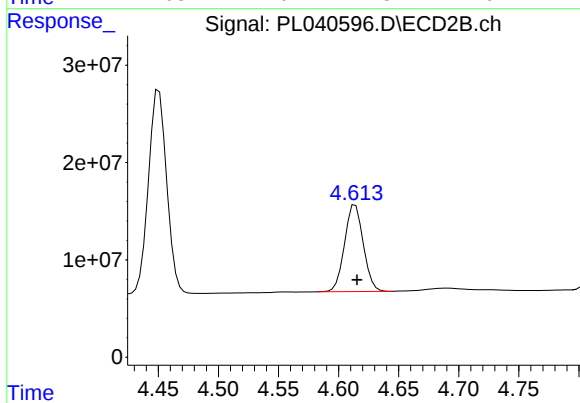
#5 Aldrin

R.T.: 5.245 min  
Delta R.T.: -0.002 min  
Response: 212152104  
Conc: 50.27 ng/ml



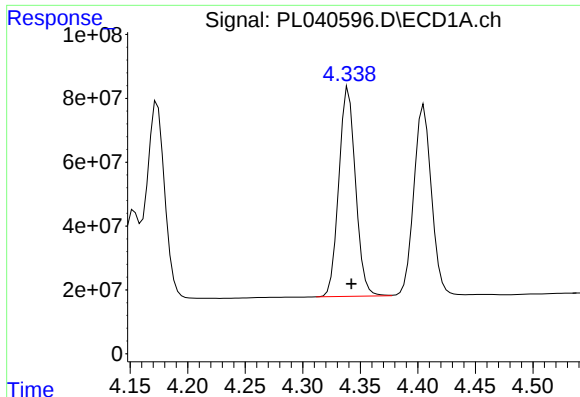
#6 beta-BHC

R.T.: 4.154 min  
Delta R.T.: -0.002 min  
Response: 235789793  
Conc: 55.86 ng/ml



#6 beta-BHC

R.T.: 4.614 min  
Delta R.T.: -0.001 min  
Response: 96892998  
Conc: 48.49 ng/ml



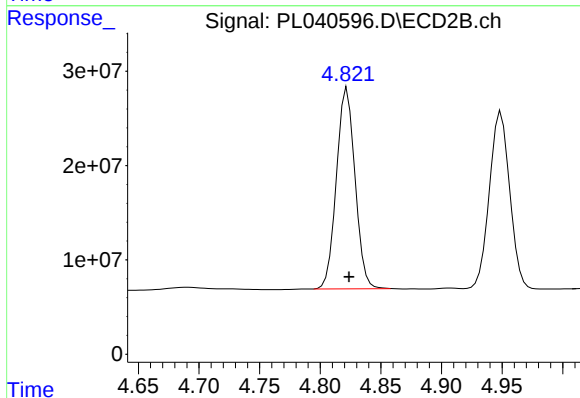
#7 delta-BHC

R.T.: 4.340 min  
Delta R.T.: -0.002 min  
Response: 663481686  
Conc: 59.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB113457BS

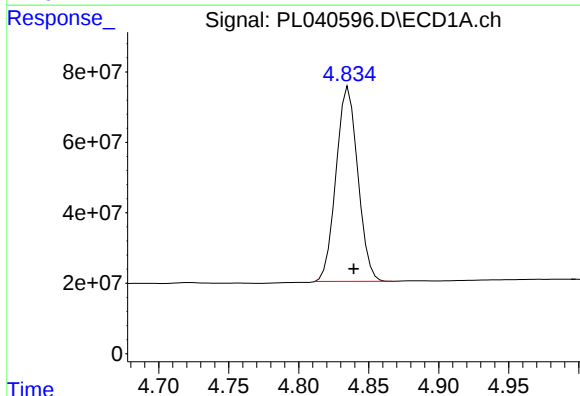
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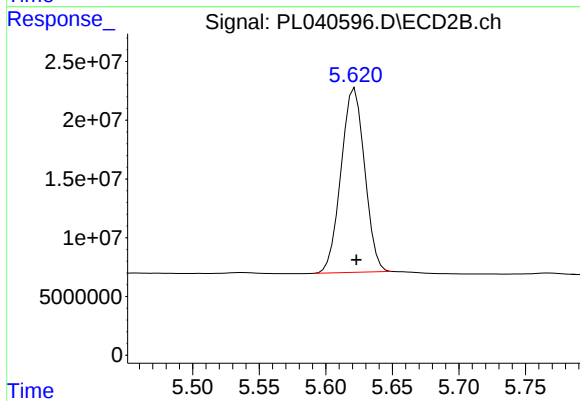
#7 delta-BHC

R.T.: 4.821 min  
Delta R.T.: -0.003 min  
Response: 227036742  
Conc: 49.19 ng/ml m



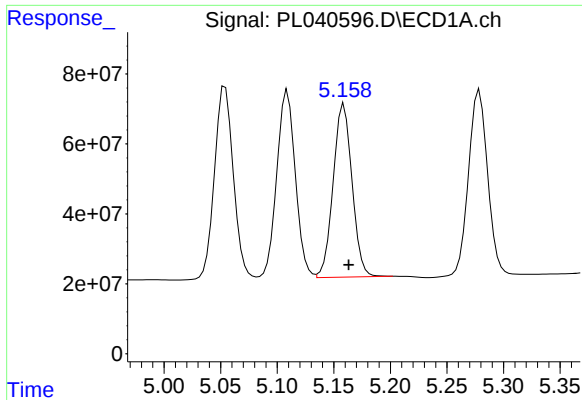
#8 Heptachlor epoxide

R.T.: 4.836 min  
Delta R.T.: -0.004 min  
Response: 596995400  
Conc: 57.67 ng/ml



#8 Heptachlor epoxide

R.T.: 5.622 min  
Delta R.T.: -0.001 min  
Response: 193936206  
Conc: 50.52 ng/ml



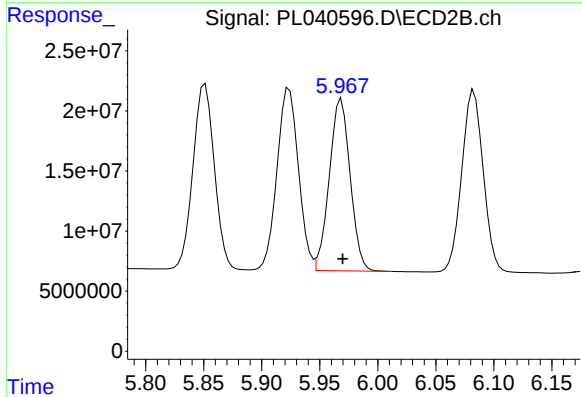
#9 Endosulfan I

R.T.: 5.159 min  
Delta R.T.: -0.004 min  
Response: 576157550  
Conc: 57.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB113457BS

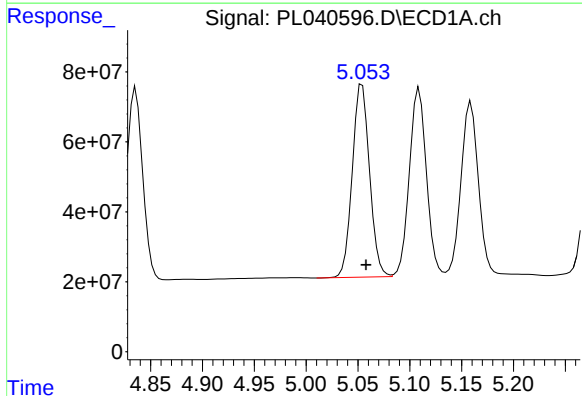
Manual Integrations  
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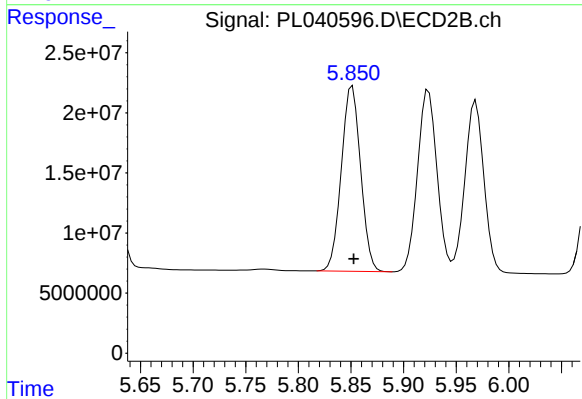
#9 Endosulfan I

R.T.: 5.969 min  
Delta R.T.: -0.001 min  
Response: 179201235  
Conc: 48.16 ng/ml



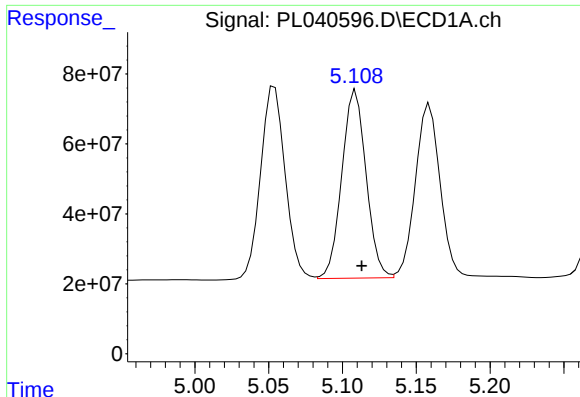
#10 gamma-Chlordane

R.T.: 5.054 min  
Delta R.T.: -0.004 min  
Response: 640014347  
Conc: 58.93 ng/ml



#10 gamma-Chlordane

R.T.: 5.851 min  
Delta R.T.: -0.002 min  
Response: 197258509  
Conc: 49.92 ng/ml



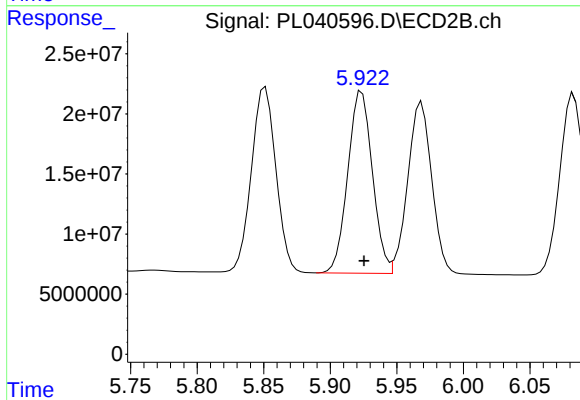
#11 alpha-Chlordane

R.T.: 5.109 min  
Delta R.T.: -0.004 min  
Response: 615657215  
Conc: 58.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB113457BS

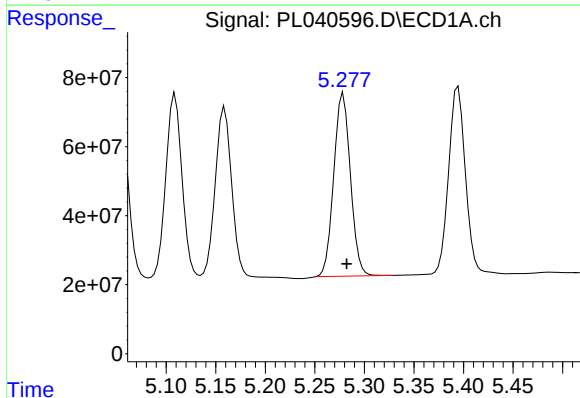
Manual Integrations  
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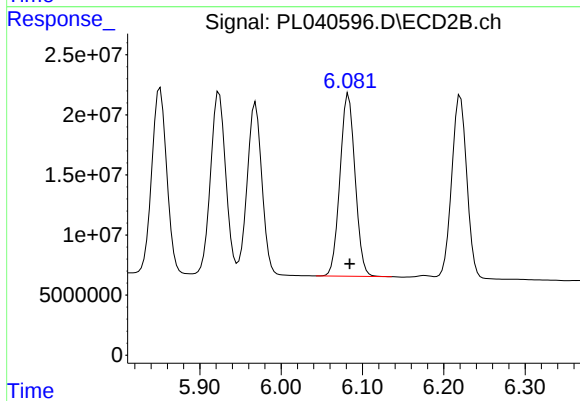
#11 alpha-Chlordane

R.T.: 5.924 min  
Delta R.T.: -0.002 min  
Response: 195290909  
Conc: 49.76 ng/ml



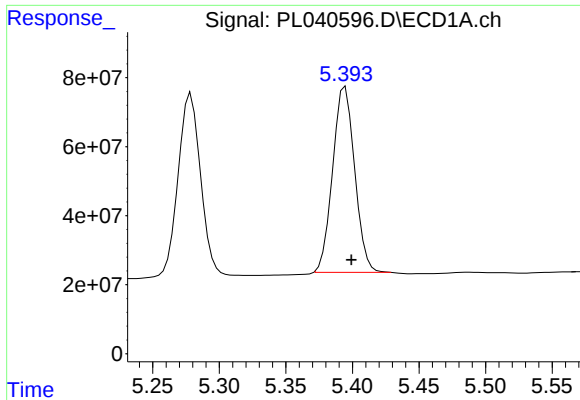
#12 4,4'-DDE

R.T.: 5.279 min  
Delta R.T.: -0.003 min  
Response: 619896461  
Conc: 56.08 ng/ml



#12 4,4'-DDE

R.T.: 6.083 min  
Delta R.T.: -0.002 min  
Response: 195545751  
Conc: 48.57 ng/ml



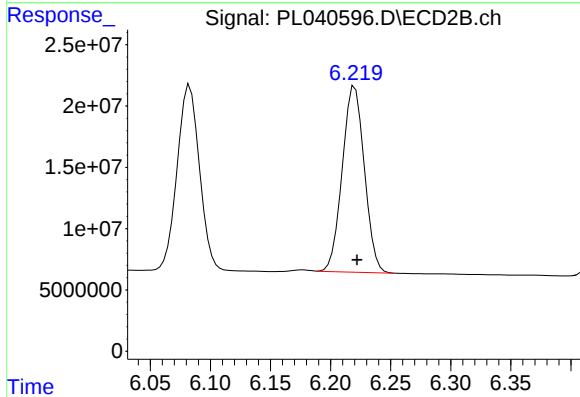
#13 Dieldrin

R.T.: 5.395 min  
Delta R.T.: -0.005 min  
Response: 619074056  
Conc: 56.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB113457BS

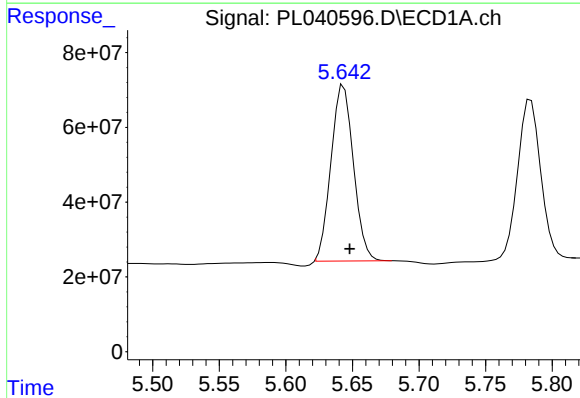
Manual Integrations  
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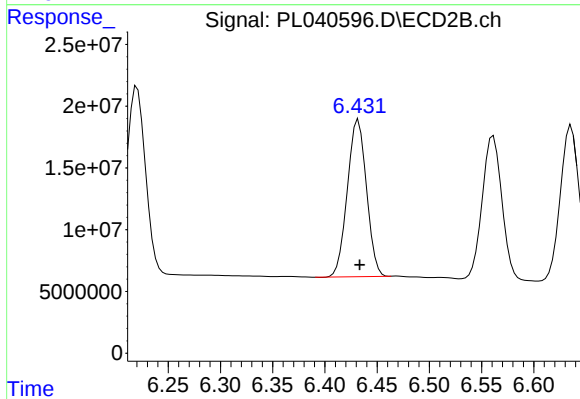
#13 Dieldrin

R.T.: 6.219 min  
Delta R.T.: -0.003 min  
Response: 194622927  
Conc: 50.94 ng/ml m



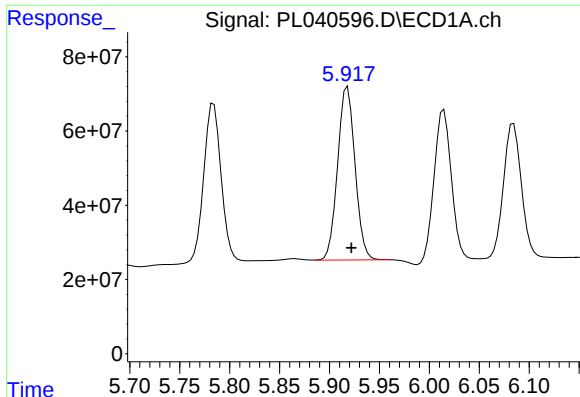
#14 Endrin

R.T.: 5.643 min  
Delta R.T.: -0.005 min  
Response: 552446832  
Conc: 55.61 ng/ml



#14 Endrin

R.T.: 6.432 min  
Delta R.T.: -0.001 min  
Response: 161976462  
Conc: 49.58 ng/ml



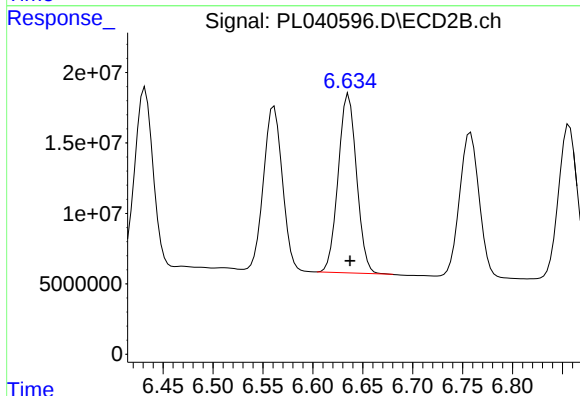
#15 Endosulfan II

R.T.: 5.918 min  
Delta R.T.: -0.004 min  
Response: 567152679  
Conc: 56.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB113457BS

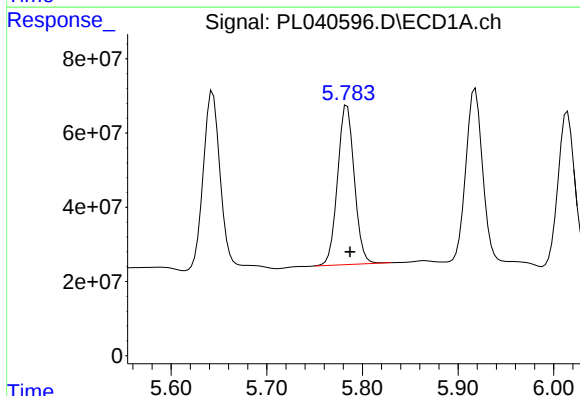
Manual Integrations  
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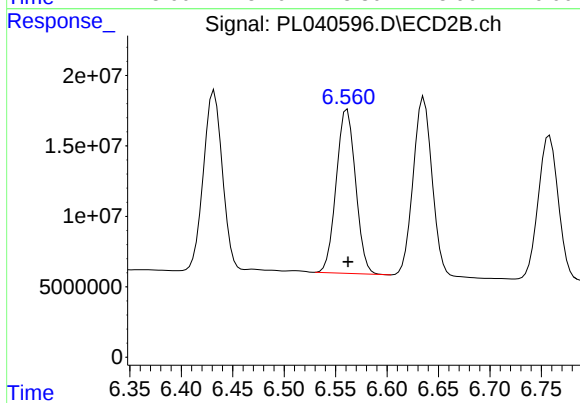
#15 Endosulfan II

R.T.: 6.636 min  
Delta R.T.: -0.002 min  
Response: 162465624  
Conc: 46.48 ng/ml



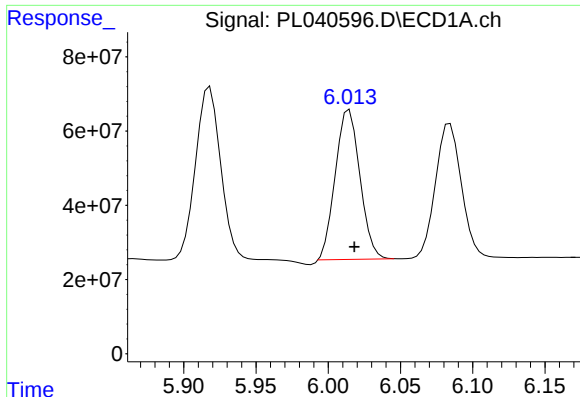
#16 4,4'-DDD

R.T.: 5.784 min  
Delta R.T.: -0.003 min  
Response: 522928981  
Conc: 56.65 ng/ml



#16 4,4'-DDD

R.T.: 6.561 min  
Delta R.T.: 0.000 min  
Response: 152386062  
Conc: 47.97 ng/ml



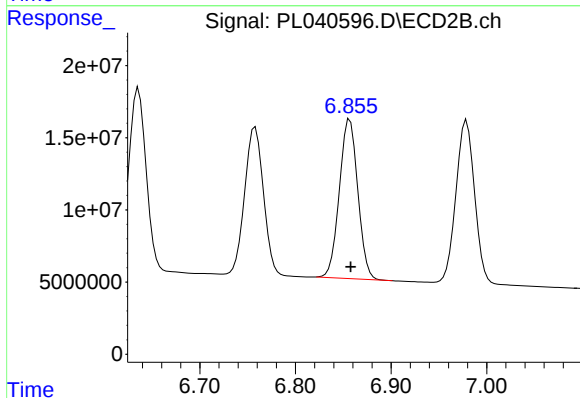
#17 4,4'-DDT

R.T.: 6.013 min  
Delta R.T.: -0.005 min  
Response: 477567113  
Conc: 59.06 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PB113457BS

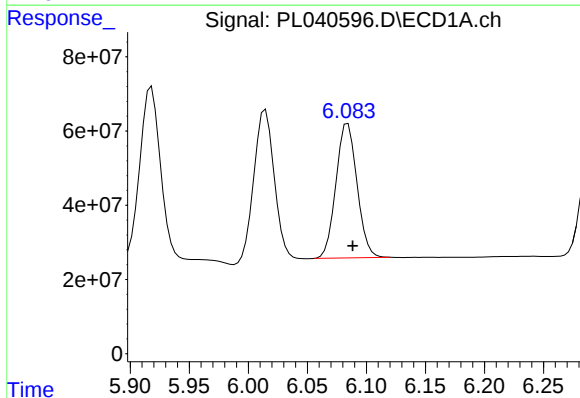
Manual Integrations  
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10/4/2018 12:33:04 PM



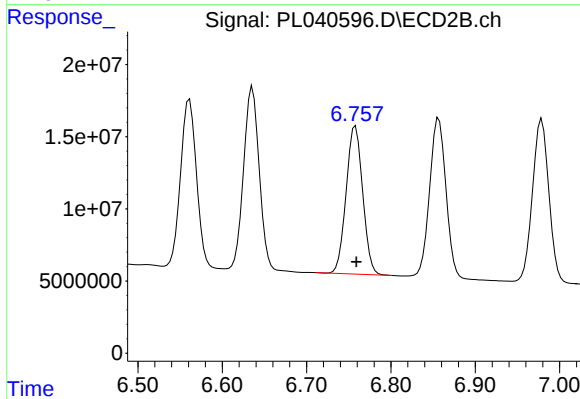
#17 4,4'-DDT

R.T.: 6.857 min  
Delta R.T.: 0.000 min  
Response: 148356171  
Conc: 48.69 ng/ml



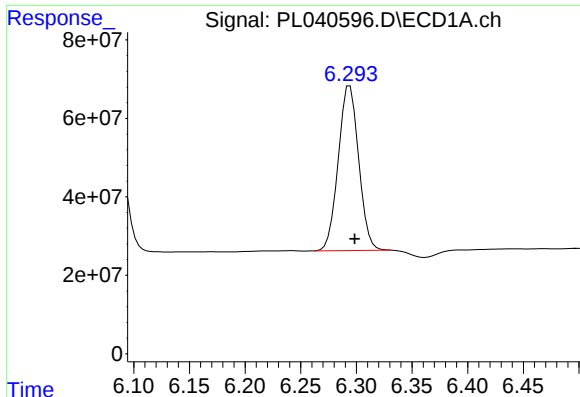
#18 Endrin aldehyde

R.T.: 6.083 min  
Delta R.T.: -0.006 min  
Response: 450605351  
Conc: 53.66 ng/ml m



#18 Endrin aldehyde

R.T.: 6.758 min  
Delta R.T.: -0.001 min  
Response: 139876237  
Conc: 46.73 ng/ml



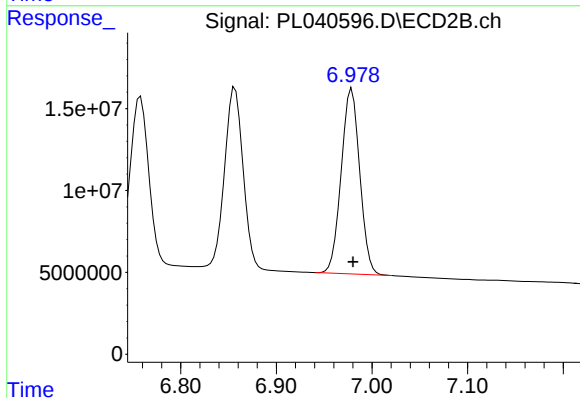
#19 Endosulfan Sulfate

R.T.: 6.294 min  
Delta R.T.: -0.004 min  
Response: 536213486  
Conc: 56.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB113457BS

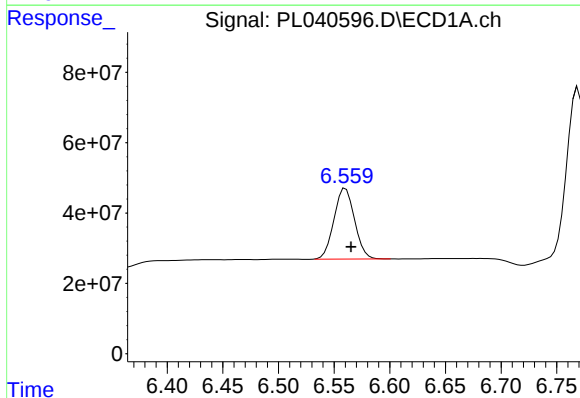
Manual Integrations  
APPROVED

Sohil  
10/4/2018 12:33:04 PM



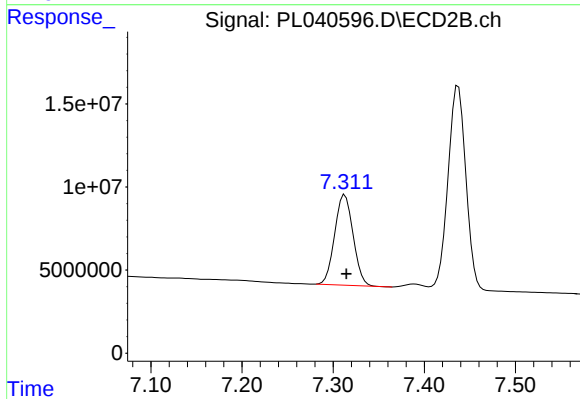
#19 Endosulfan Sulfate

R.T.: 6.979 min  
Delta R.T.: -0.001 min  
Response: 152860174  
Conc: 47.52 ng/ml



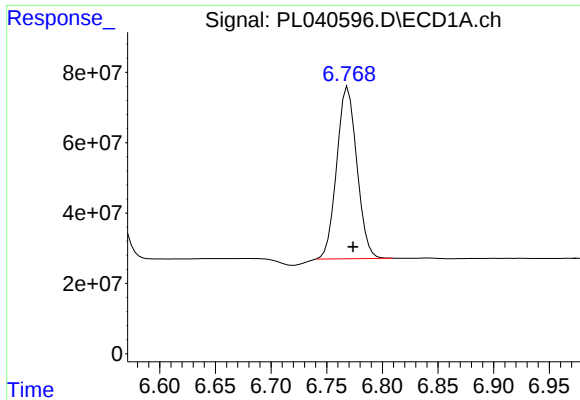
#20 Methoxychlor

R.T.: 6.560 min  
Delta R.T.: -0.005 min  
Response: 259328179  
Conc: 53.69 ng/ml



#20 Methoxychlor

R.T.: 7.313 min  
Delta R.T.: -0.002 min  
Response: 76531594  
Conc: 50.22 ng/ml



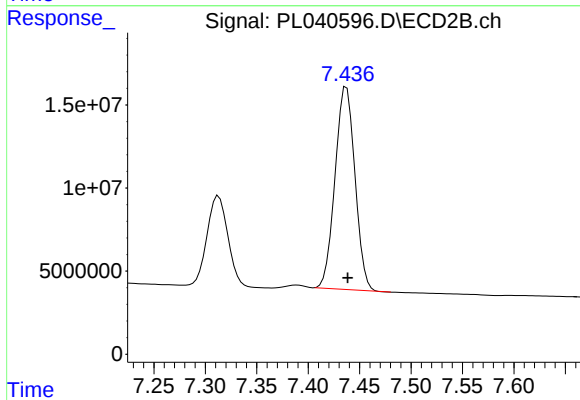
#21 Endrin ketone

R.T.: 6.769 min  
Delta R.T.: -0.005 min  
Response: 616319588  
Conc: 56.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB113457BS

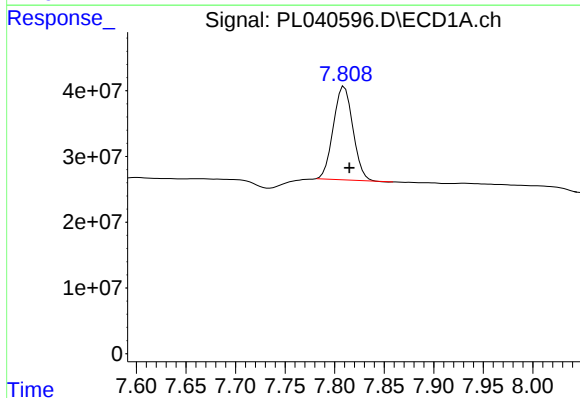
Manual Integrations  
APPROVED

Sohil  
10/4/2018 12:33:04 PM



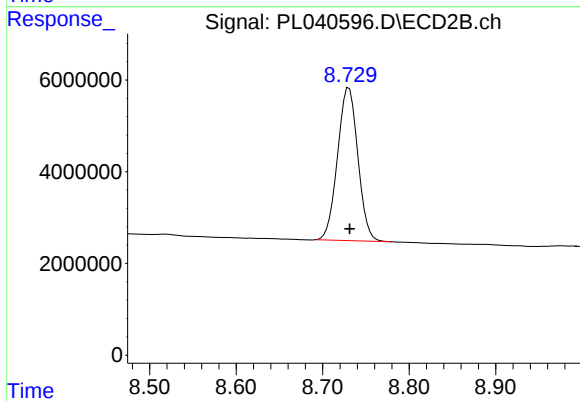
#21 Endrin ketone

R.T.: 7.437 min  
Delta R.T.: -0.001 min  
Response: 164084428  
Conc: 53.38 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.810 min  
Delta R.T.: -0.005 min  
Response: 194134347  
Conc: 20.42 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.730 min  
Delta R.T.: -0.001 min  
Response: 54191657  
Conc: 17.11 ng/ml