

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL010319\  
 Data File : PL043551.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Jan 2019 15:10  
 Operator : AJ\SJ  
 Sample : PB116121BS (Sig #1); PB116121BS (Sig #2)  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB116121BS

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 04 06:43:28 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL010319.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jan 04 06:12:42 2019  
 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... | 3.471 | 4.099 | 112.0E6  | 56577221 | 17.534  | 19.364  |
| 28)                         | SA Decachlor... | 8.206 | 9.232 | 93878592 | 44796096 | 18.629  | 20.264  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.911 | 4.495 | 480.3E6  | 214.7E6  | 49.652  | 50.789  |
| 3)                          | MA gamma-BHC... | 4.193 | 4.784 | 443.7E6  | 204.6E6  | 50.807  | 51.404  |
| 4)                          | MA Heptachlor   | 4.489 | 5.300 | 458.1E6  | 203.7E6  | 51.276  | 52.011  |
| 5)                          | MB Aldrin       | 4.735 | 5.609 | 421.6E6  | 192.9E6  | 51.388  | 51.104  |
| 6)                          | B beta-BHC      | 4.447 | 4.955 | 182.8E6  | 90507039 | 49.974m | 54.040  |
| 7)                          | B delta-BHC     | 4.650 | 5.174 | 357.7E6  | 173.2E6  | 44.936  | 40.955m |
| 8)                          | B Heptachlor... | 5.178 | 5.998 | 402.0E6  | 195.4E6  | 52.278  | 53.464  |
| 9)                          | A Endosulfan I  | 5.514 | 6.358 | 367.6E6  | 157.3E6  | 51.728m | 53.386  |
| 10)                         | B gamma-Chl...  | 5.404 | 6.233 | 405.9E6  | 172.8E6  | 51.755  | 53.622  |
| 11)                         | B alpha-Chl...  | 5.461 | 6.306 | 392.2E6  | 168.3E6  | 50.916  | 53.818  |
| 12)                         | B 4,4'-DDE      | 5.628 | 6.461 | 361.6E6  | 173.3E6  | 54.358  | 53.157  |
| 13)                         | MA Dieldrin     | 5.758 | 6.616 | 384.6E6  | 168.5E6  | 54.196  | 52.470  |
| 14)                         | MA Endrin       | 6.015 | 6.836 | 336.4E6  | 138.9E6  | 55.075  | 54.967  |
| 15)                         | B Endosulfa...  | 6.290 | 7.044 | 313.7E6  | 142.4E6  | 53.658  | 55.158  |
| 16)                         | A 4,4'-DDD      | 6.143 | 6.953 | 288.3E6  | 134.1E6  | 54.427  | 54.195  |
| 17)                         | MA 4,4'-DDT     | 6.381 | 7.253 | 279.2E6  | 124.0E6  | 55.328  | 55.529  |
| 18)                         | B Endrin al...  | 6.457 | 7.169 | 266.5E6  | 118.2E6  | 53.010  | 55.545  |
| 19)                         | B Endosulfa...  | 6.669 | 7.393 | 297.6E6  | 130.9E6  | 47.903  | 52.142  |
| 20)                         | A Methoxychlor  | 6.927 | 7.709 | 148.2E6  | 62828067 | 53.683  | 55.800  |
| 21)                         | B Endrin ke...  | 7.158 | 7.867 | 351.6E6  | 134.2E6  | 54.206m | 53.898  |
| -----                       |                 |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL010319\  
Data File : PL043551.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Jan 2019 15:10  
Operator : AJ\SJ  
Sample : PB116121BS (Sig #1); PB111621BS (Sig #2)  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

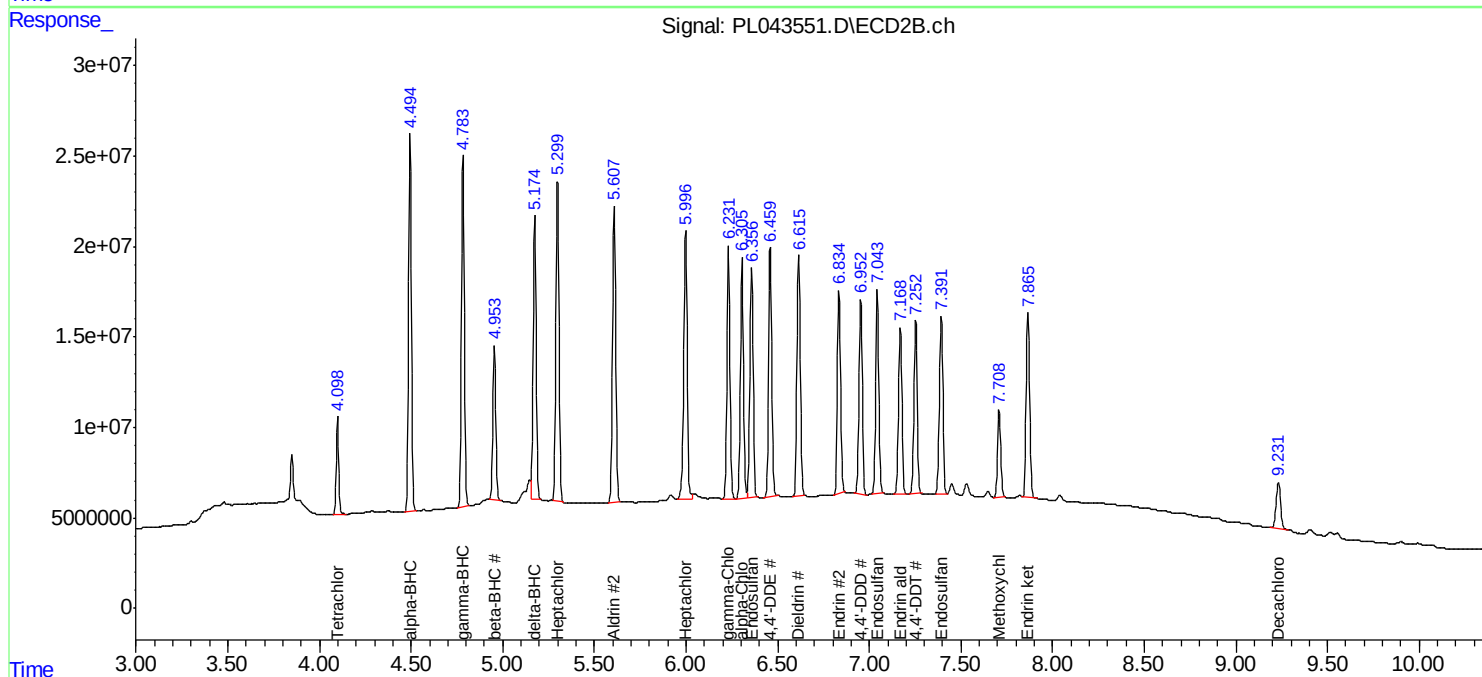
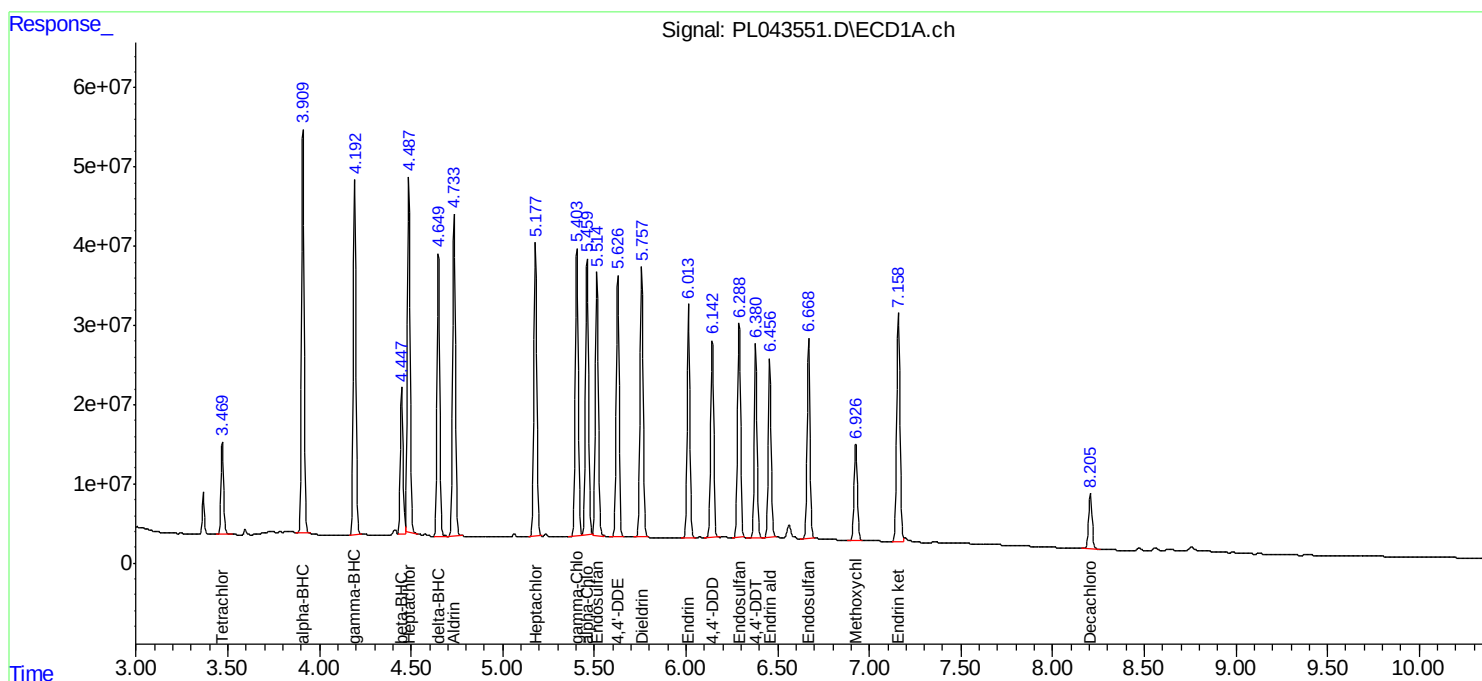
Instrument :  
ECD\_L  
ClientSampleId :  
PB116121BS

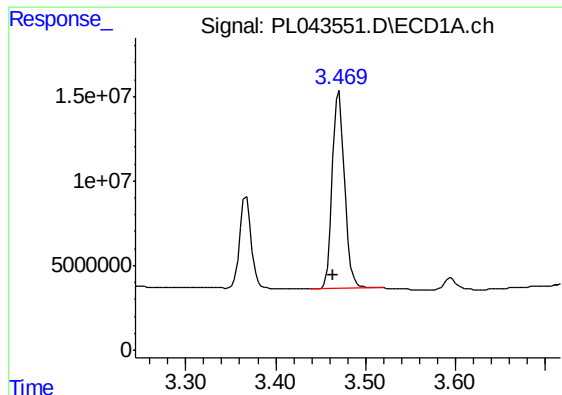
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 04 06:43:28 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL010319.M  
Quant Title : GC Extractables  
QLast Update : Fri Jan 04 06:12:42 2019  
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





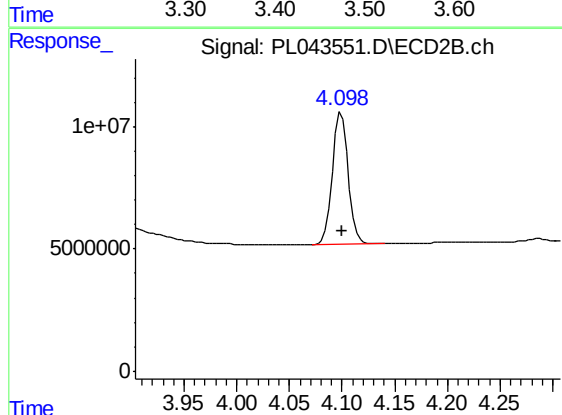
#1 Tetrachloro-m-xylene

R.T.: 3.471 min  
Delta R.T.: 0.007 min  
Response: 112029633  
Conc: 17.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB116121BS

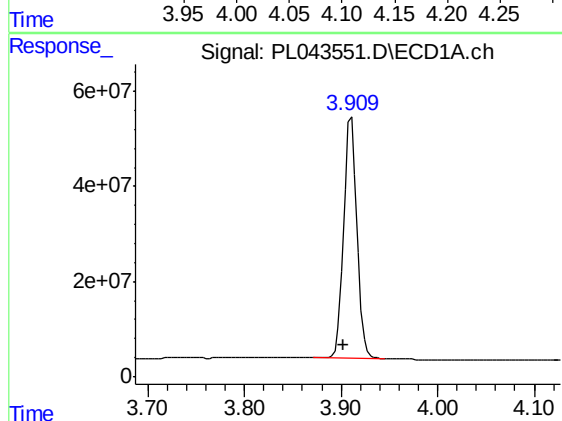
Manual Integrations  
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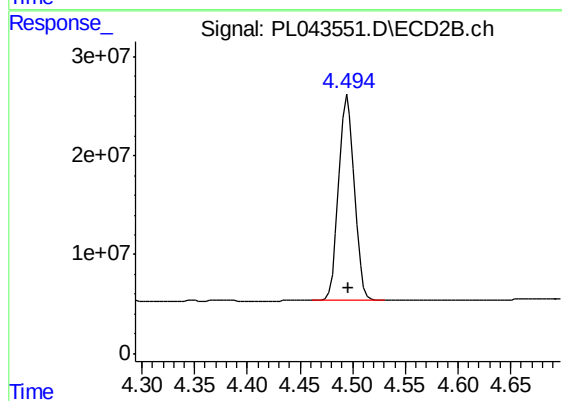
#1 Tetrachloro-m-xylene

R.T.: 4.099 min  
Delta R.T.: 0.000 min  
Response: 56577221  
Conc: 19.36 ng/ml



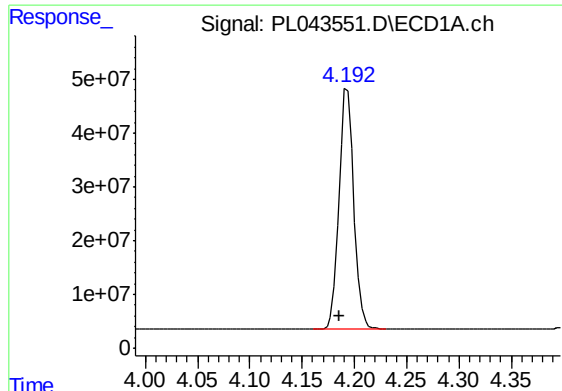
#2 alpha-BHC

R.T.: 3.911 min  
Delta R.T.: 0.007 min  
Response: 480276499  
Conc: 49.65 ng/ml



#2 alpha-BHC

R.T.: 4.495 min  
Delta R.T.: 0.000 min  
Response: 214663254  
Conc: 50.79 ng/ml



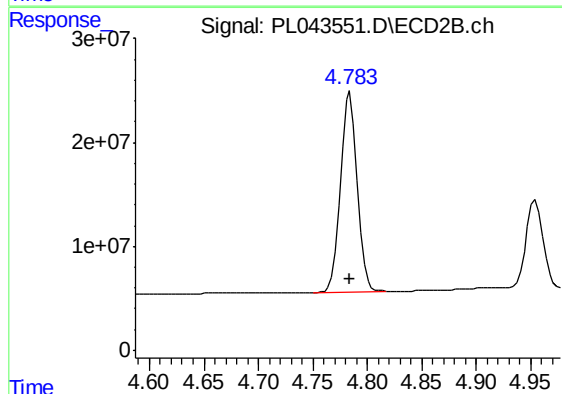
#3 gamma-BHC (Lindane)

R.T.: 4.193 min  
Delta R.T.: 0.007 min  
Response: 443723622  
Conc: 50.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB116121BS

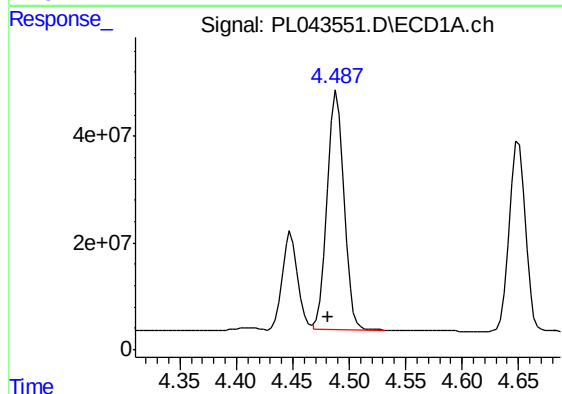
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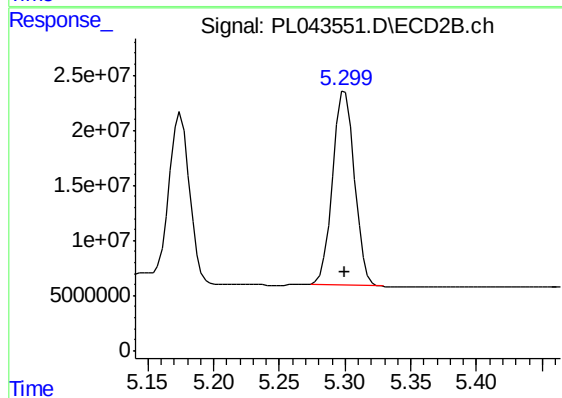
#3 gamma-BHC (Lindane)

R.T.: 4.784 min  
Delta R.T.: 0.000 min  
Response: 204578152  
Conc: 51.40 ng/ml



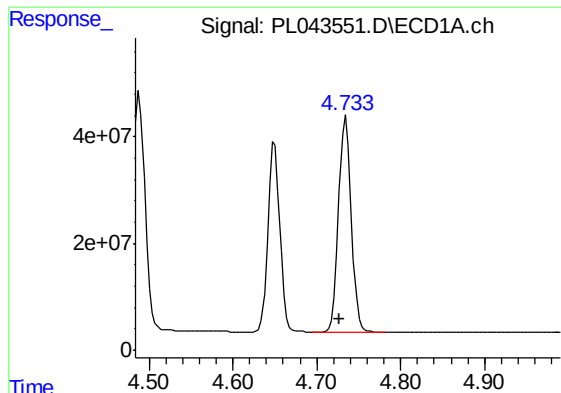
#4 Heptachlor

R.T.: 4.489 min  
Delta R.T.: 0.008 min  
Response: 458139531  
Conc: 51.28 ng/ml



#4 Heptachlor

R.T.: 5.300 min  
Delta R.T.: 0.000 min  
Response: 203671283  
Conc: 52.01 ng/ml



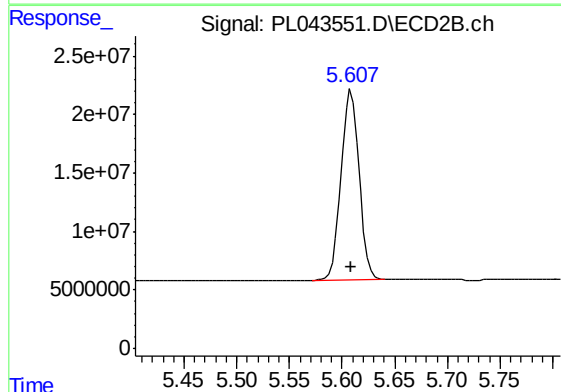
#5 Aldrin

R.T.: 4.735 min  
Delta R.T.: 0.008 min  
Response: 421624090  
Conc: 51.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB116121BS

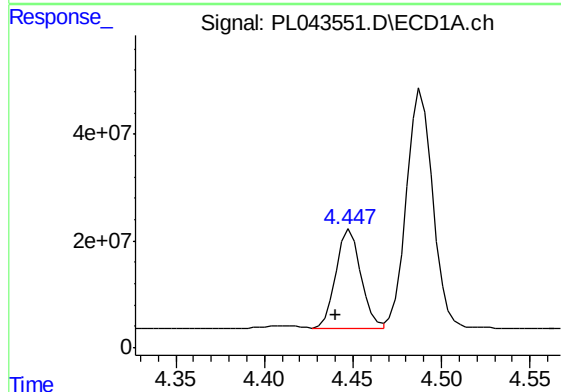
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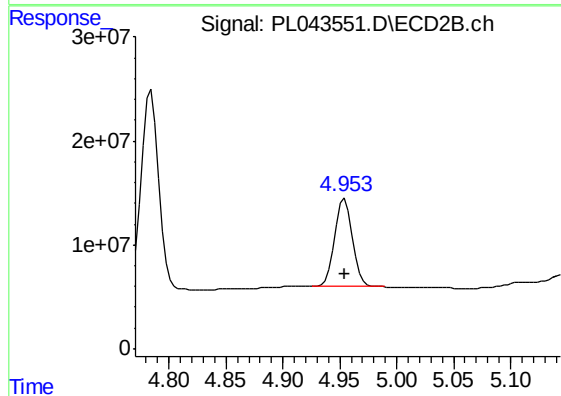
#5 Aldrin

R.T.: 5.609 min  
Delta R.T.: 0.000 min  
Response: 192902219  
Conc: 51.10 ng/ml



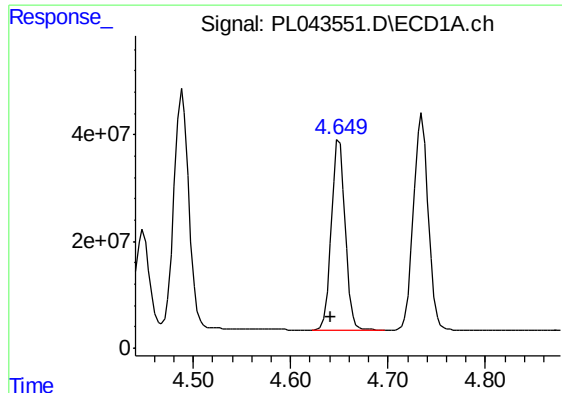
#6 beta-BHC

R.T.: 4.447 min  
Delta R.T.: 0.007 min  
Response: 182849541  
Conc: 49.97 ng/ml m



#6 beta-BHC

R.T.: 4.955 min  
Delta R.T.: 0.000 min  
Response: 90507039  
Conc: 54.04 ng/ml



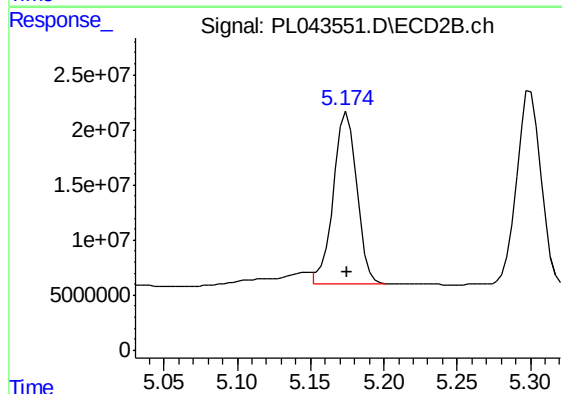
#7 delta-BHC

R.T.: 4.650 min  
Delta R.T.: 0.008 min  
Response: 357690120  
Conc: 44.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB116121BS

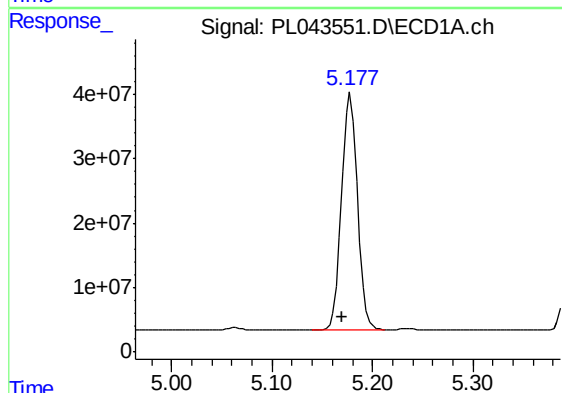
Manual Integrations  
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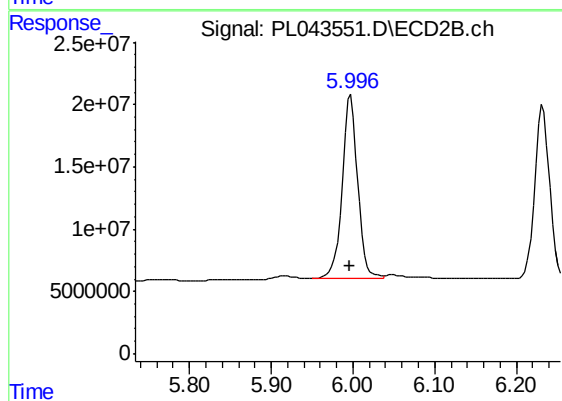
#7 delta-BHC

R.T.: 5.174 min  
Delta R.T.: -0.001 min  
Response: 173189623  
Conc: 40.95 ng/ml m



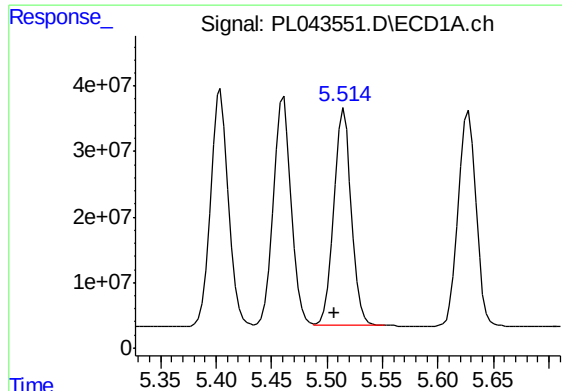
#8 Heptachlor epoxide

R.T.: 5.178 min  
Delta R.T.: 0.009 min  
Response: 402017784  
Conc: 52.28 ng/ml



#8 Heptachlor epoxide

R.T.: 5.998 min  
Delta R.T.: 0.000 min  
Response: 195449251  
Conc: 53.46 ng/ml



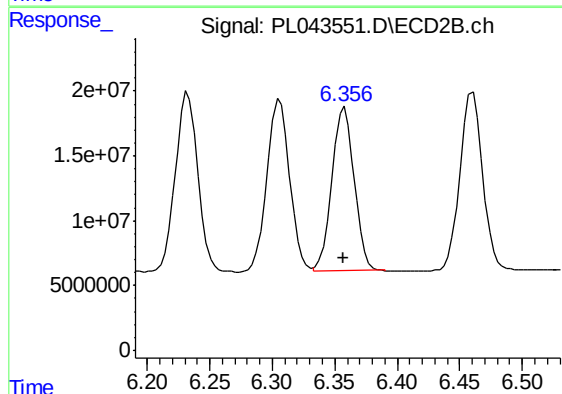
#9 Endosulfan I

R.T.: 5.514 min  
Delta R.T.: 0.007 min  
Response: 367557541  
Conc: 51.73 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PB116121BS

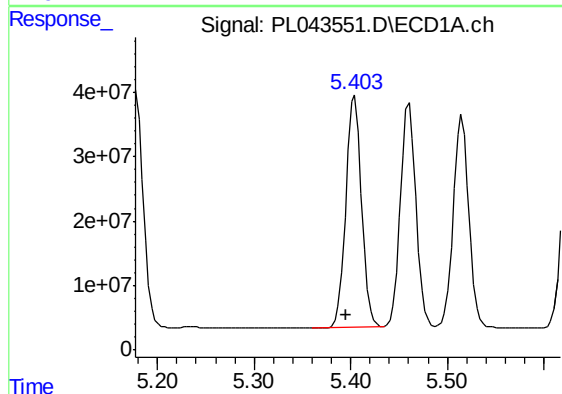
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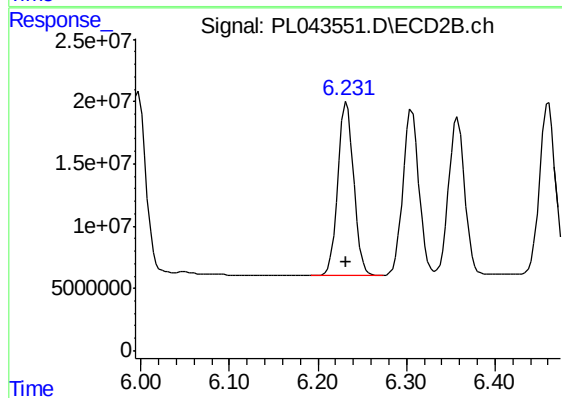
#9 Endosulfan I

R.T.: 6.358 min  
Delta R.T.: 0.000 min  
Response: 157272747  
Conc: 53.39 ng/ml



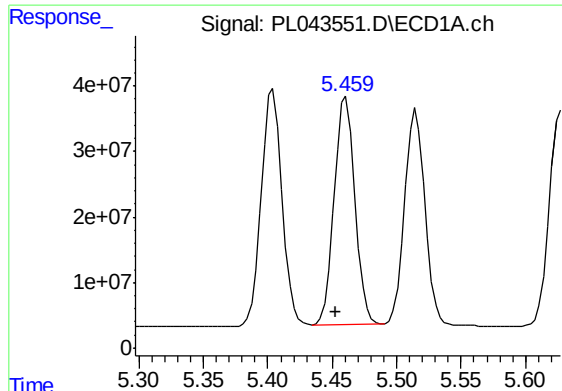
#10 gamma-Chlordane

R.T.: 5.404 min  
Delta R.T.: 0.009 min  
Response: 405868399  
Conc: 51.76 ng/ml



#10 gamma-Chlordane

R.T.: 6.233 min  
Delta R.T.: 0.000 min  
Response: 172814114  
Conc: 53.62 ng/ml



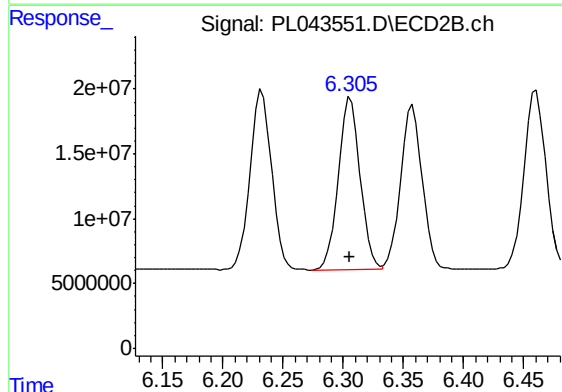
#11 alpha-Chlordane

R.T.: 5.461 min  
Delta R.T.: 0.008 min  
Response: 392206605  
Conc: 50.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB116121BS

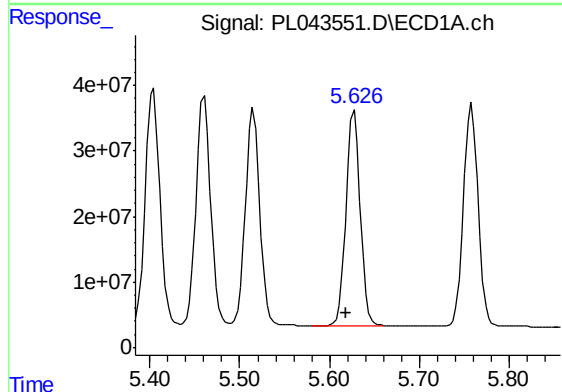
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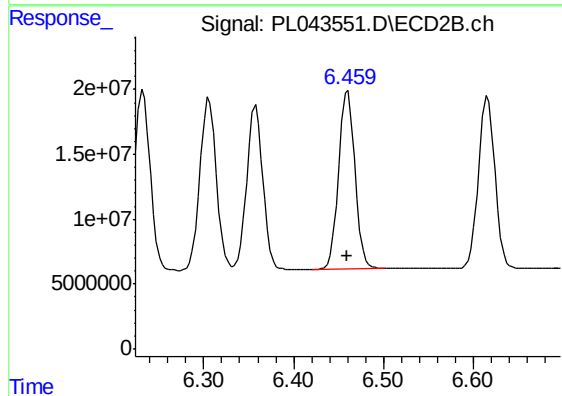
#11 alpha-Chlordane

R.T.: 6.306 min  
Delta R.T.: 0.000 min  
Response: 168305632  
Conc: 53.82 ng/ml



#12 4,4'-DDE

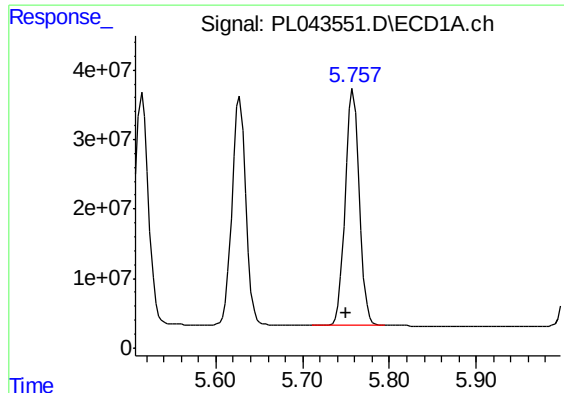
R.T.: 5.628 min  
Delta R.T.: 0.009 min  
Response: 361553069  
Conc: 54.36 ng/ml



#12 4,4'-DDE

R.T.: 6.461 min  
Delta R.T.: 0.000 min  
Response: 173332735  
Conc: 53.16 ng/ml





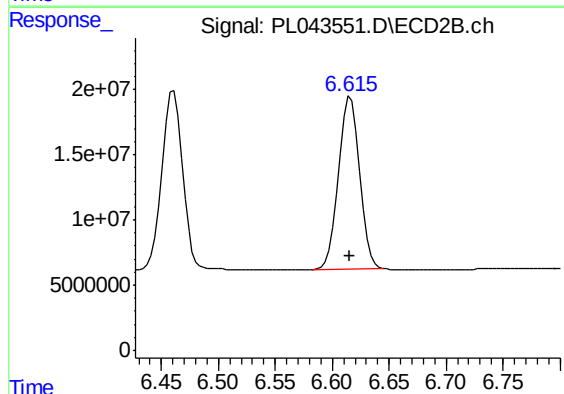
#13 Dieldrin

R.T.: 5.758 min  
Delta R.T.: 0.009 min  
Response: 384632660  
Conc: 54.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB116121BS

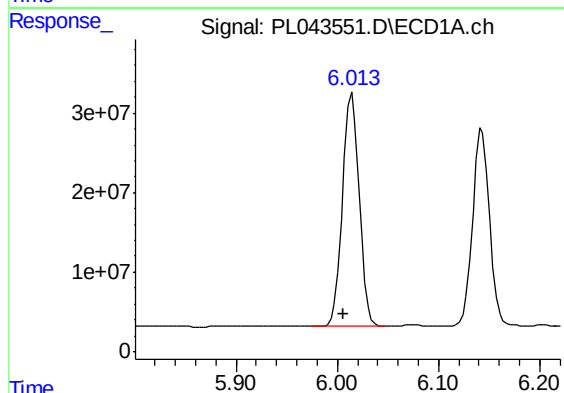
Manual Integrations  
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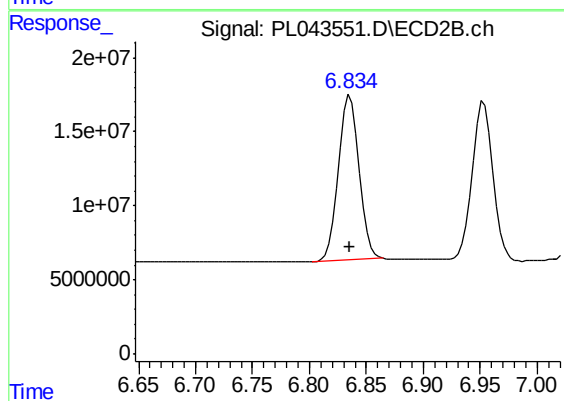
#13 Dieldrin

R.T.: 6.616 min  
Delta R.T.: 0.000 min  
Response: 168517488  
Conc: 52.47 ng/ml



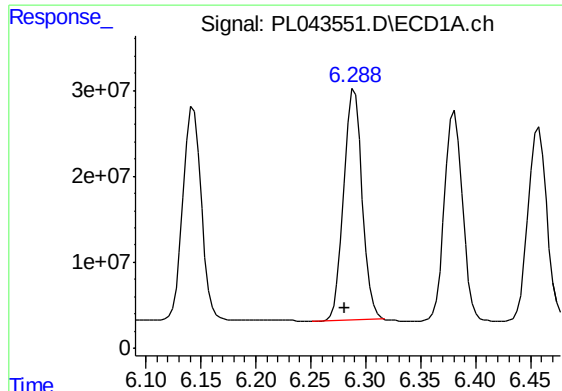
#14 Endrin

R.T.: 6.015 min  
Delta R.T.: 0.009 min  
Response: 336410000  
Conc: 55.08 ng/ml



#14 Endrin

R.T.: 6.836 min  
Delta R.T.: 0.000 min  
Response: 138871789  
Conc: 54.97 ng/ml



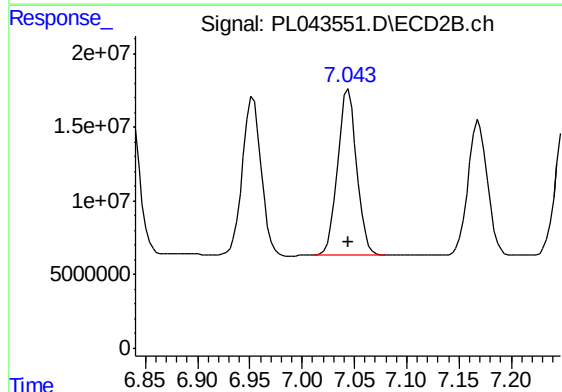
#15 Endosulfan II

R.T.: 6.290 min  
Delta R.T.: 0.008 min  
Response: 313675364  
Conc: 53.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB116121BS

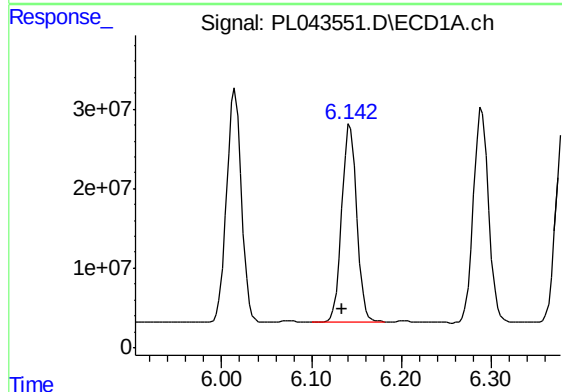
Manual Integrations  
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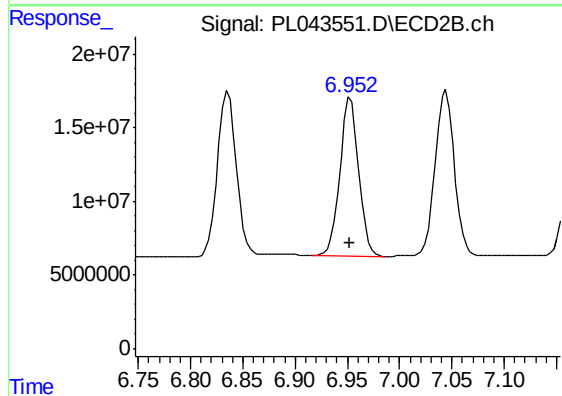
#15 Endosulfan II

R.T.: 7.044 min  
Delta R.T.: 0.000 min  
Response: 142403187  
Conc: 55.16 ng/ml



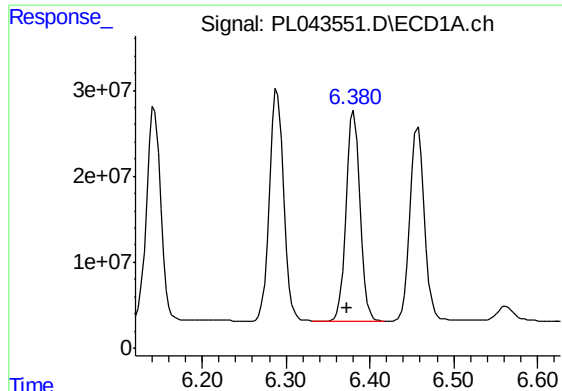
#16 4,4'-DDD

R.T.: 6.143 min  
Delta R.T.: 0.009 min  
Response: 288321880  
Conc: 54.43 ng/ml



#16 4,4'-DDD

R.T.: 6.953 min  
Delta R.T.: 0.000 min  
Response: 134098877  
Conc: 54.19 ng/ml



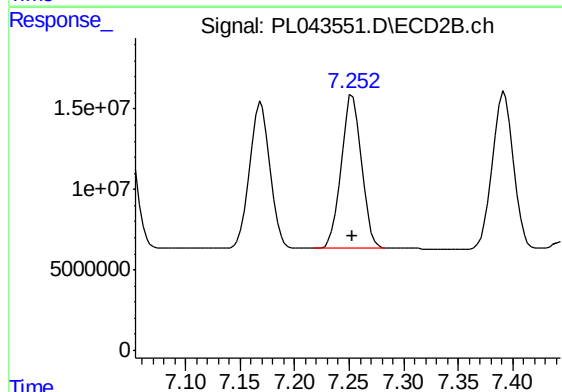
#17 4,4'-DDT

R.T.: 6.381 min  
Delta R.T.: 0.008 min  
Response: 279196282  
Conc: 55.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB116121BS

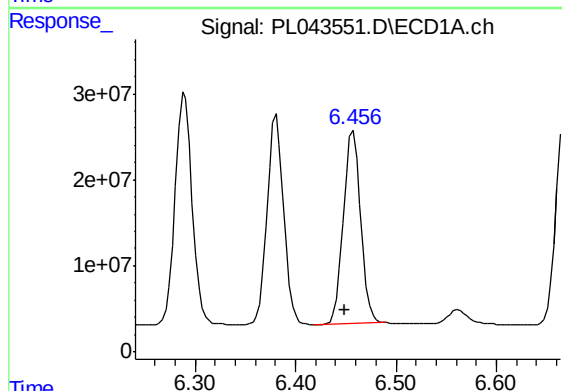
Manual Integrations  
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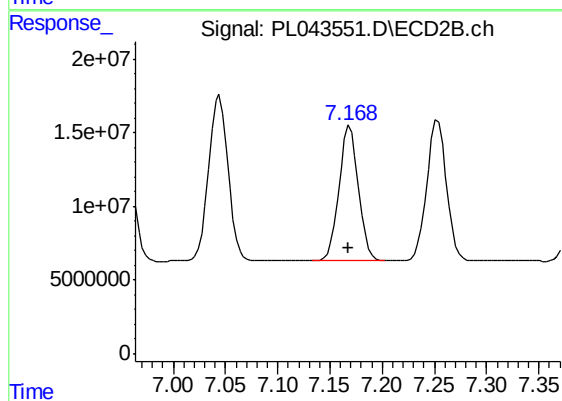
#17 4,4'-DDT

R.T.: 7.253 min  
Delta R.T.: 0.000 min  
Response: 124032997  
Conc: 55.53 ng/ml



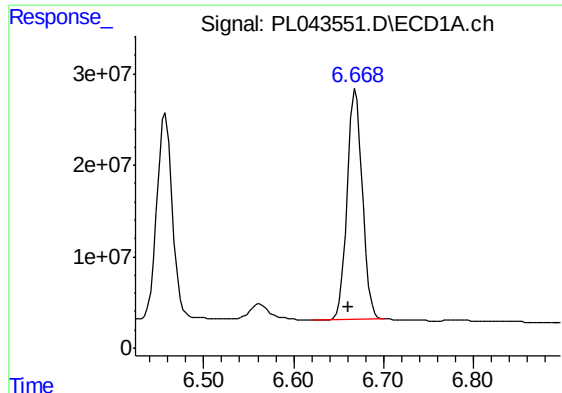
#18 Endrin aldehyde

R.T.: 6.457 min  
Delta R.T.: 0.008 min  
Response: 266521973  
Conc: 53.01 ng/ml



#18 Endrin aldehyde

R.T.: 7.169 min  
Delta R.T.: 0.001 min  
Response: 118187981  
Conc: 55.54 ng/ml



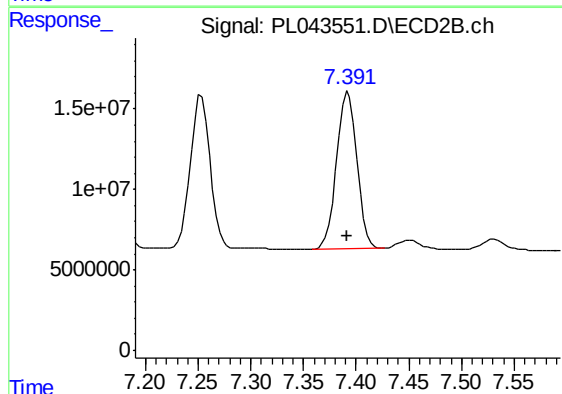
#19 Endosulfan Sulfate

R.T.: 6.669 min  
Delta R.T.: 0.008 min  
Response: 297631388  
Conc: 47.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB116121BS

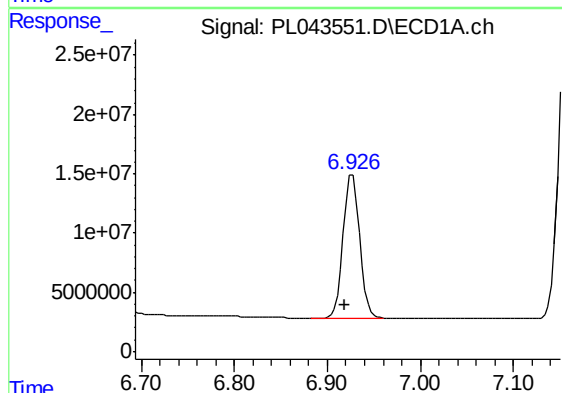
Manual Integrations  
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1/4/2019 9:25:36 AM



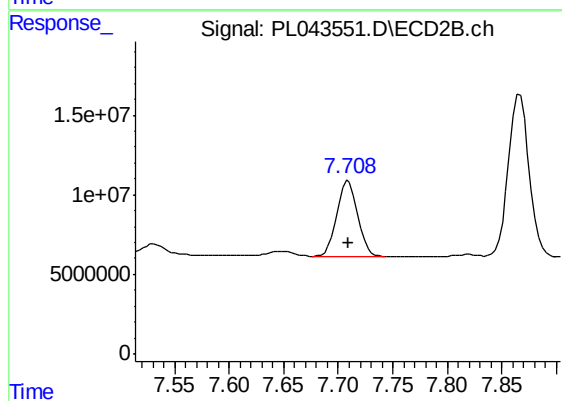
#19 Endosulfan Sulfate

R.T.: 7.393 min  
Delta R.T.: 0.000 min  
Response: 130939576  
Conc: 52.14 ng/ml



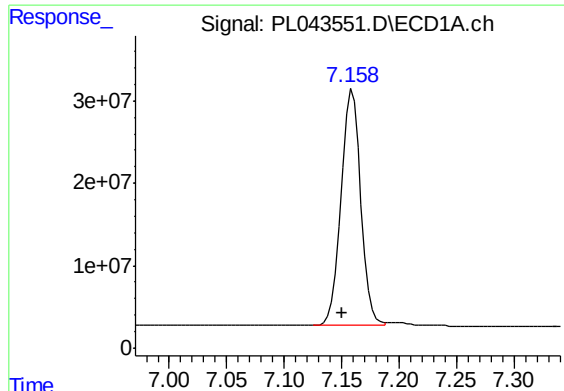
#20 Methoxychlor

R.T.: 6.927 min  
Delta R.T.: 0.008 min  
Response: 148226156  
Conc: 53.68 ng/ml



#20 Methoxychlor

R.T.: 7.709 min  
Delta R.T.: 0.000 min  
Response: 62828067  
Conc: 55.80 ng/ml



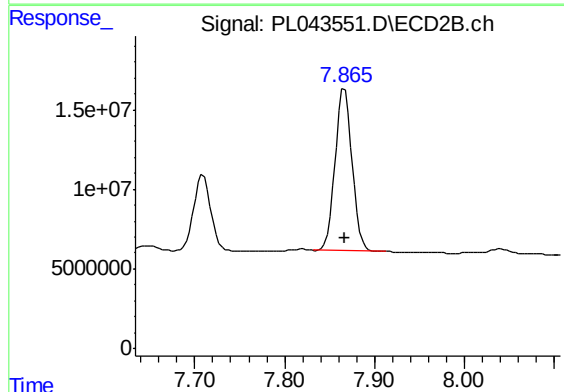
#21 Endrin ketone

R.T.: 7.158 min  
Delta R.T.: 0.007 min  
Response: 351561610  
Conc: 54.21 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PB116121BS

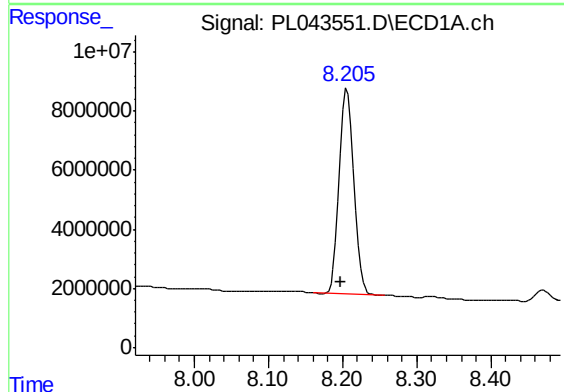
Manual Integrations  
APPROVED

Sohil  
1/4/2019 9:25:36 AM



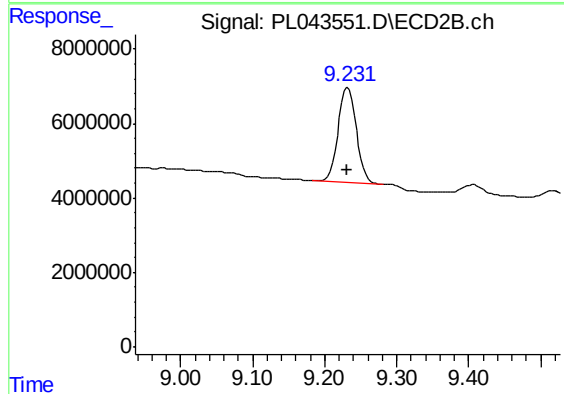
#21 Endrin ketone

R.T.: 7.867 min  
Delta R.T.: 0.000 min  
Response: 134211081  
Conc: 53.90 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.206 min  
Delta R.T.: 0.008 min  
Response: 93878592  
Conc: 18.63 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.232 min  
Delta R.T.: 0.000 min  
Response: 44796096  
Conc: 20.26 ng/ml