

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121718\  
 Data File : PL043176.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 Dec 2018 11:26  
 Operator : AJ\SJ  
 Sample : PB115700BSD  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB115700BSD

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 17 23:55:34 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL120618.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Dec 07 00:20:08 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... | 3.464 | 4.099 | 115.9E6 | 60244516 | 18.891 | 20.326  |
| 28)                         | SA Decachlor... | 8.202 | 9.231 | 129.7E6 | 53384383 | 19.859 | 20.466  |
| Target Compounds            |                 |       |       |         |          |        |         |
| 2)                          | A alpha-BHC     | 3.904 | 4.495 | 516.2E6 | 238.3E6  | 54.602 | 52.676  |
| 3)                          | MA gamma-BHC... | 4.187 | 4.784 | 474.2E6 | 223.2E6  | 54.923 | 53.205  |
| 4)                          | MA Heptachlor   | 4.483 | 5.299 | 472.8E6 | 188.5E6  | 53.284 | 46.007  |
| 5)                          | MB Aldrin       | 4.729 | 5.608 | 472.1E6 | 219.8E6  | 55.685 | 53.856  |
| 6)                          | B beta-BHC      | 4.441 | 4.953 | 192.2E6 | 91258616 | 52.121 | 53.906  |
| 7)                          | B delta-BHC     | 4.644 | 5.174 | 393.1E6 | 217.7E6  | 48.544 | 50.660  |
| 8)                          | B Heptachlor... | 5.172 | 5.996 | 436.2E6 | 213.2E6  | 55.026 | 56.224  |
| 9)                          | A Endosulfan I  | 5.510 | 6.357 | 398.6E6 | 179.7E6  | 54.413 | 52.936  |
| 10)                         | B gamma-Chl...  | 5.398 | 6.232 | 436.2E6 | 193.4E6  | 54.107 | 52.654  |
| 11)                         | B alpha-Chl...  | 5.455 | 6.305 | 424.9E6 | 190.1E6  | 53.515 | 52.858  |
| 12)                         | B 4,4'-DDE      | 5.621 | 6.459 | 396.9E6 | 191.3E6  | 57.330 | 52.794  |
| 13)                         | MA Dieldrin     | 5.752 | 6.615 | 431.9E6 | 193.4E6  | 55.556 | 53.345  |
| 14)                         | MA Endrin       | 6.009 | 6.835 | 395.2E6 | 162.2E6  | 54.880 | 51.956  |
| 15)                         | B Endosulfa...  | 6.284 | 7.042 | 360.4E6 | 156.9E6  | 54.179 | 51.829m |
| 16)                         | A 4,4'-DDD      | 6.138 | 6.952 | 323.6E6 | 151.0E6  | 57.069 | 51.495  |
| 17)                         | MA 4,4'-DDT     | 6.376 | 7.252 | 329.6E6 | 152.8E6  | 55.398 | 52.029  |
| 18)                         | B Endrin al...  | 6.452 | 7.168 | 298.6E6 | 130.2E6  | 54.188 | 51.923  |
| 19)                         | B Endosulfa...  | 6.665 | 7.391 | 352.1E6 | 153.3E6  | 52.561 | 50.990  |
| 20)                         | A Methoxychlor  | 6.922 | 7.708 | 181.1E6 | 77574255 | 53.966 | 51.431  |
| 21)                         | B Endrin ke...  | 7.154 | 7.866 | 403.1E6 | 166.2E6  | 55.750 | 54.384  |
| -----                       |                 |       |       |         |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121718\  
Data File : PL043176.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 17 Dec 2018 11:26  
Operator : AJ\SJ  
Sample : PB115700BSD  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

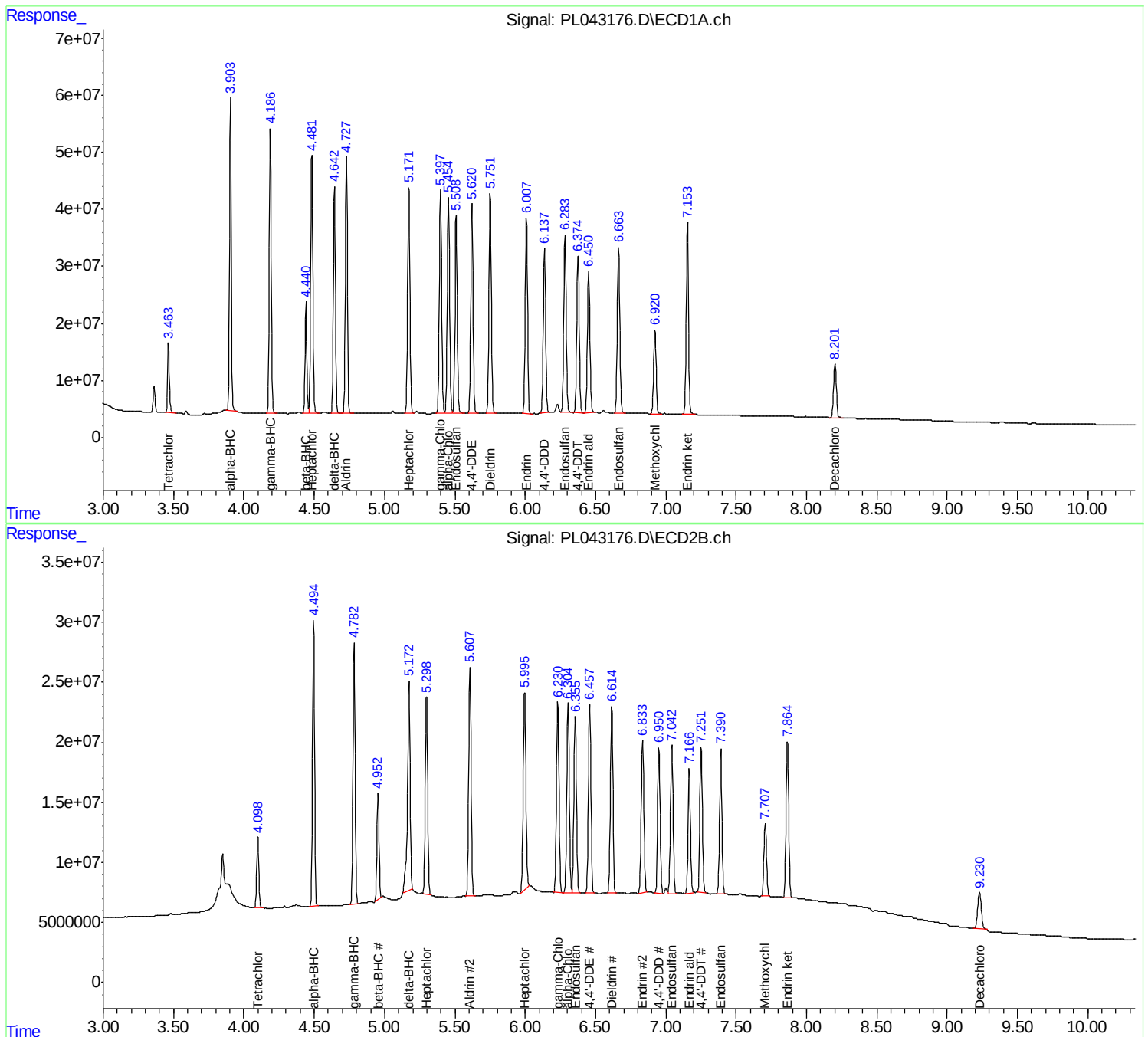
Instrument :  
ECD\_L  
ClientSampleId :  
PB115700BSD

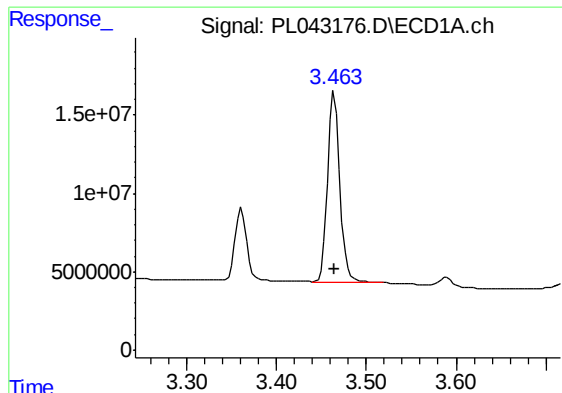
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 17 23:55:34 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL120618.M  
Quant Title : GC Extractables  
QLast Update : Fri Dec 07 00:20:08 2018  
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





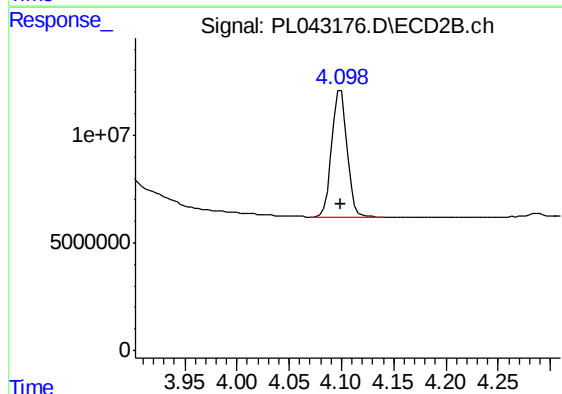
#1 Tetrachloro-m-xylene

R.T.: 3.464 min  
Delta R.T.: 0.000 min  
Response: 115854043  
Conc: 18.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB115700BSD

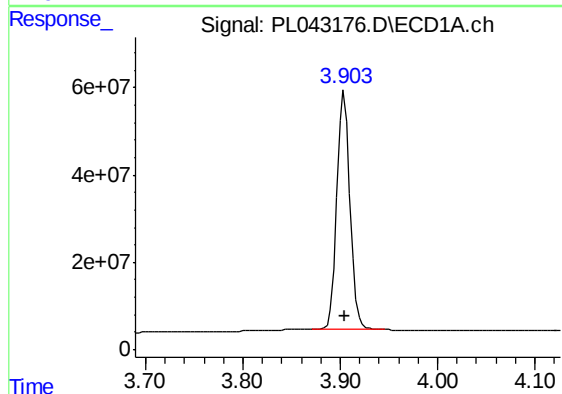
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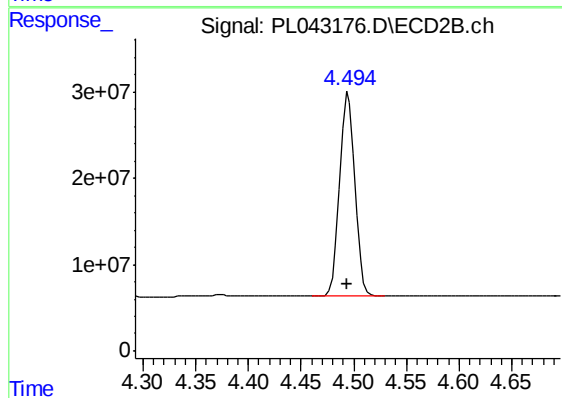
#1 Tetrachloro-m-xylene

R.T.: 4.099 min  
Delta R.T.: 0.000 min  
Response: 60244516  
Conc: 20.33 ng/ml



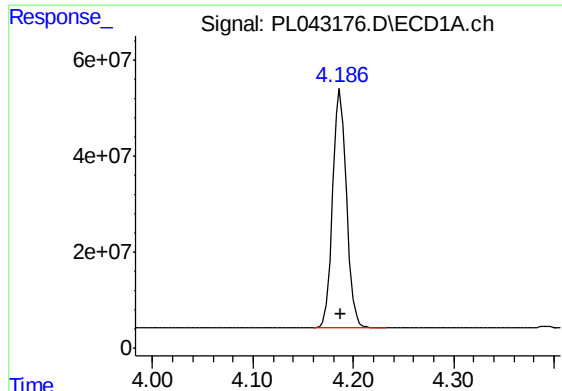
#2 alpha-BHC

R.T.: 3.904 min  
Delta R.T.: 0.000 min  
Response: 516168789  
Conc: 54.60 ng/ml



#2 alpha-BHC

R.T.: 4.495 min  
Delta R.T.: 0.000 min  
Response: 238275952  
Conc: 52.68 ng/ml



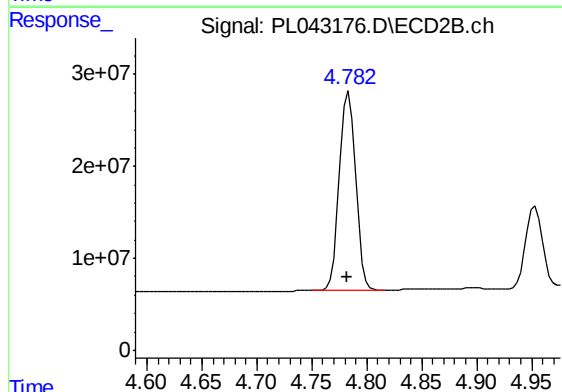
#3 gamma-BHC (Lindane)

R.T.: 4.187 min  
Delta R.T.: 0.000 min  
Response: 474232368  
Conc: 54.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB115700BSD

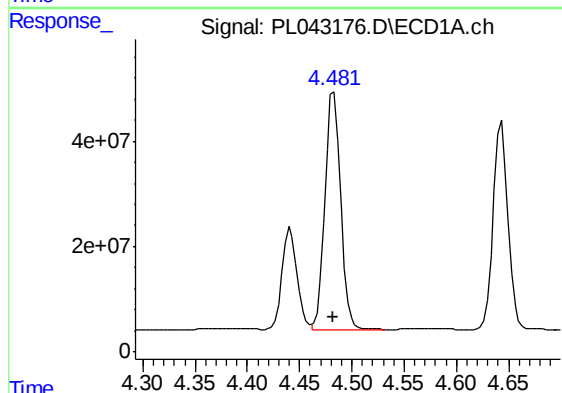
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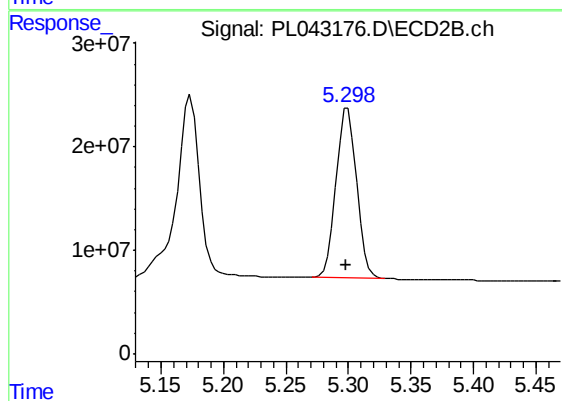
#3 gamma-BHC (Lindane)

R.T.: 4.784 min  
Delta R.T.: 0.000 min  
Response: 223152544  
Conc: 53.21 ng/ml



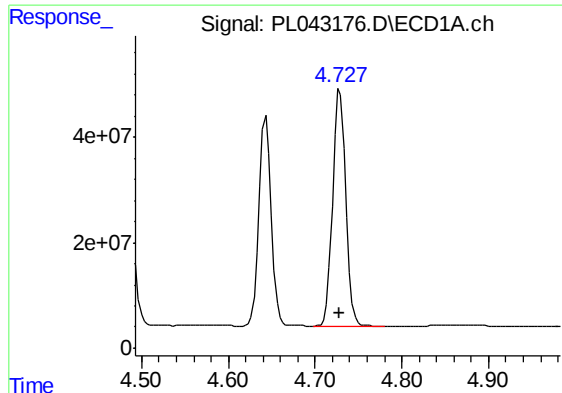
#4 Heptachlor

R.T.: 4.483 min  
Delta R.T.: 0.000 min  
Response: 472770394  
Conc: 53.28 ng/ml



#4 Heptachlor

R.T.: 5.299 min  
Delta R.T.: 0.001 min  
Response: 188459413  
Conc: 46.01 ng/ml



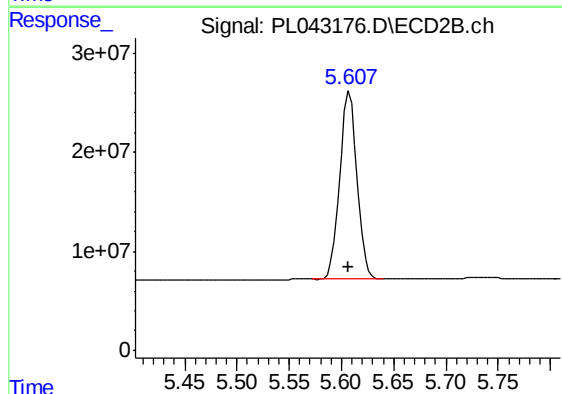
#5 Aldrin

R.T.: 4.729 min  
Delta R.T.: 0.000 min  
Response: 472132466  
Conc: 55.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB115700BSD

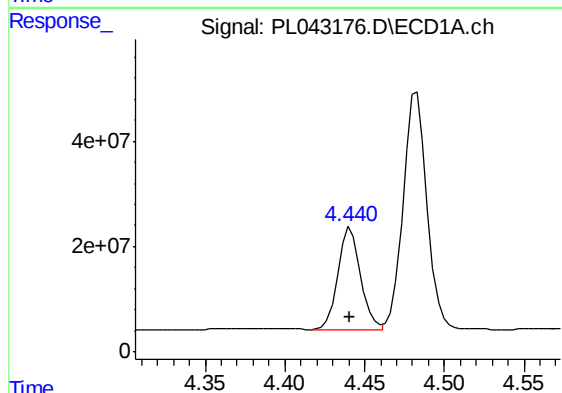
Manual Integrations  
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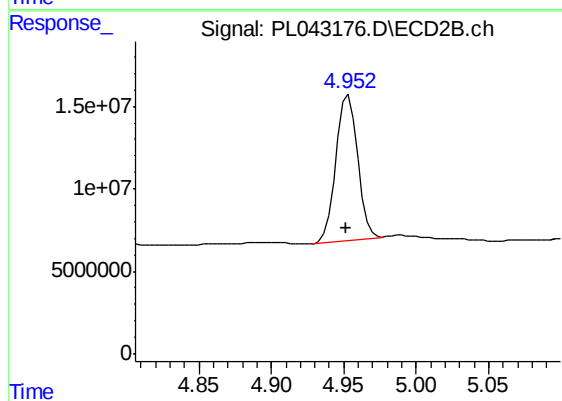
#5 Aldrin

R.T.: 5.608 min  
Delta R.T.: 0.001 min  
Response: 219839547  
Conc: 53.86 ng/ml



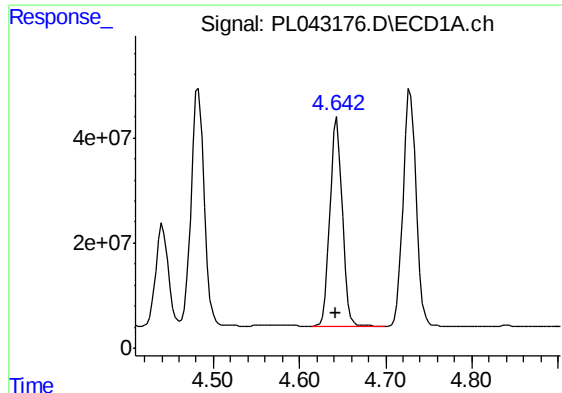
#6 beta-BHC

R.T.: 4.441 min  
Delta R.T.: 0.000 min  
Response: 192247478  
Conc: 52.12 ng/ml



#6 beta-BHC

R.T.: 4.953 min  
Delta R.T.: 0.001 min  
Response: 91258616  
Conc: 53.91 ng/ml



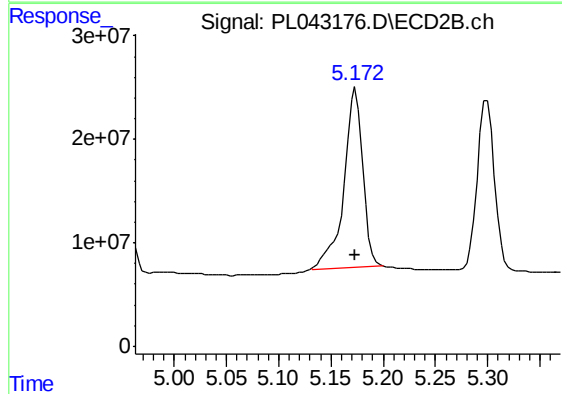
#7 delta-BHC

R.T.: 4.644 min  
Delta R.T.: 0.000 min  
Response: 393124574  
Conc: 48.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB115700BSD

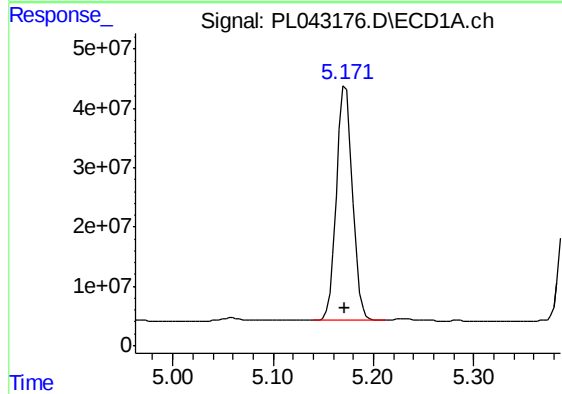
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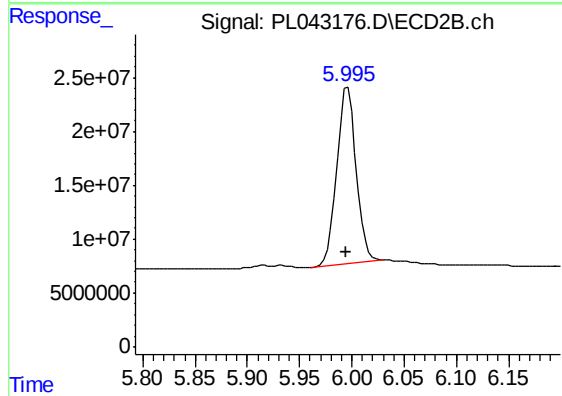
#7 delta-BHC

R.T.: 5.174 min  
Delta R.T.: 0.001 min  
Response: 217714592  
Conc: 50.66 ng/ml



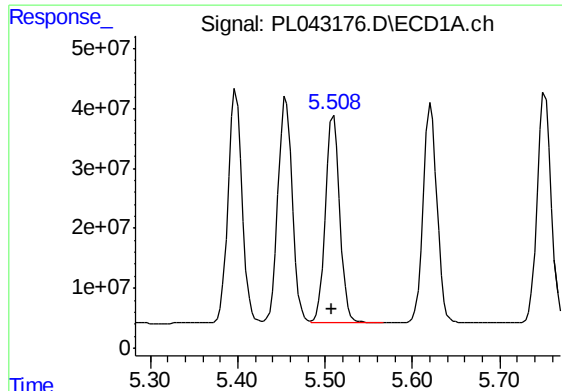
#8 Heptachlor epoxide

R.T.: 5.172 min  
Delta R.T.: 0.002 min  
Response: 436182364  
Conc: 55.03 ng/ml



#8 Heptachlor epoxide

R.T.: 5.996 min  
Delta R.T.: 0.001 min  
Response: 213203200  
Conc: 56.22 ng/ml



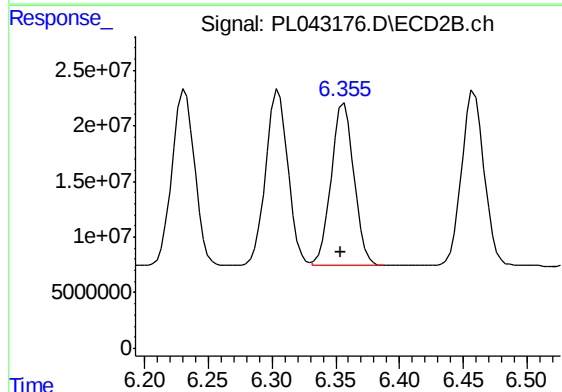
#9 Endosulfan I

R.T.: 5.510 min  
Delta R.T.: 0.002 min  
Response: 398620369  
Conc: 54.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB115700BSD

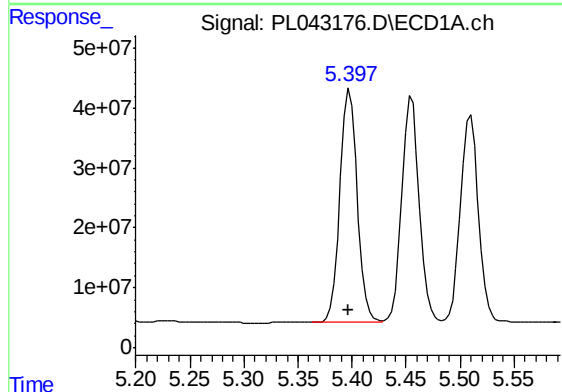
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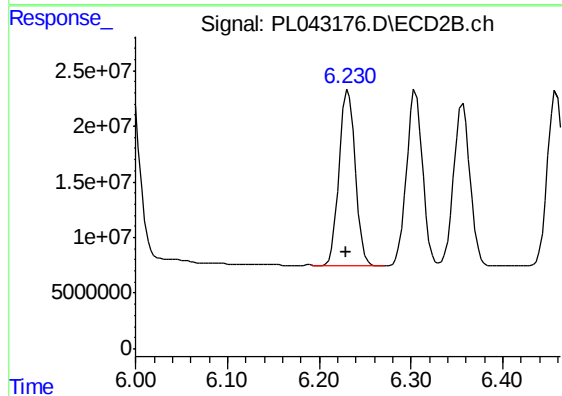
#9 Endosulfan I

R.T.: 6.357 min  
Delta R.T.: 0.002 min  
Response: 179736675  
Conc: 52.94 ng/ml



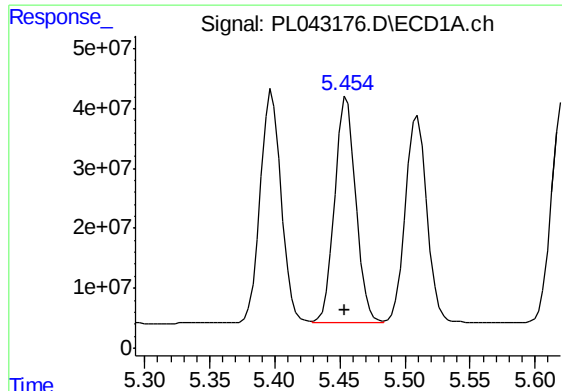
#10 gamma-Chlordane

R.T.: 5.398 min  
Delta R.T.: 0.002 min  
Response: 436199069  
Conc: 54.11 ng/ml



#10 gamma-Chlordane

R.T.: 6.232 min  
Delta R.T.: 0.002 min  
Response: 193429517  
Conc: 52.65 ng/ml



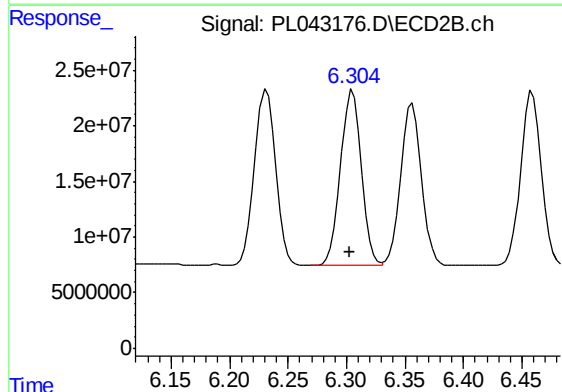
#11 alpha-Chlordane

R.T.: 5.455 min  
Delta R.T.: 0.001 min  
Response: 424861895  
Conc: 53.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB115700BSD

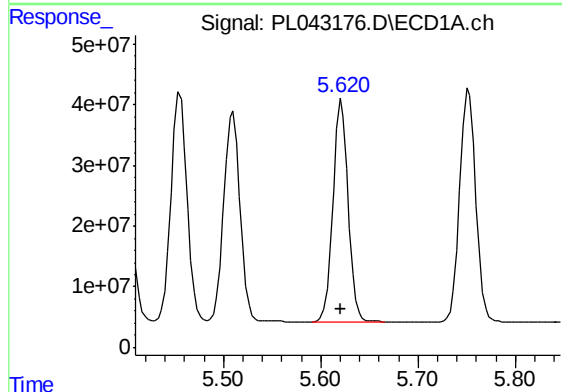
Manual Integrations  
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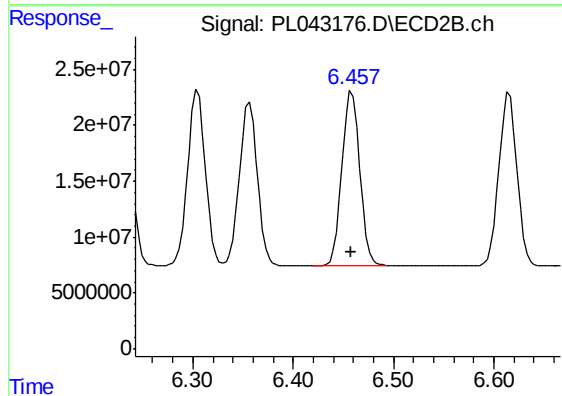
#11 alpha-Chlordane

R.T.: 6.305 min  
Delta R.T.: 0.002 min  
Response: 190099788  
Conc: 52.86 ng/ml



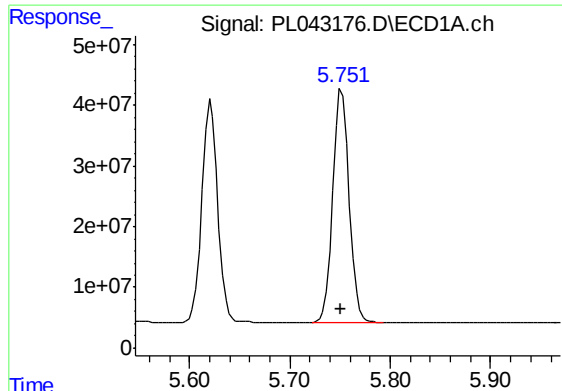
#12 4,4'-DDE

R.T.: 5.621 min  
Delta R.T.: 0.000 min  
Response: 396896429  
Conc: 57.33 ng/ml



#12 4,4'-DDE

R.T.: 6.459 min  
Delta R.T.: 0.001 min  
Response: 191311298  
Conc: 52.79 ng/ml



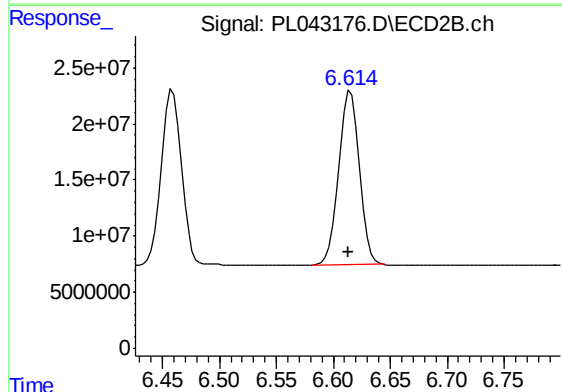
#13 Dieldrin

R.T.: 5.752 min  
Delta R.T.: 0.001 min  
Response: 431938848  
Conc: 55.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB115700BSD

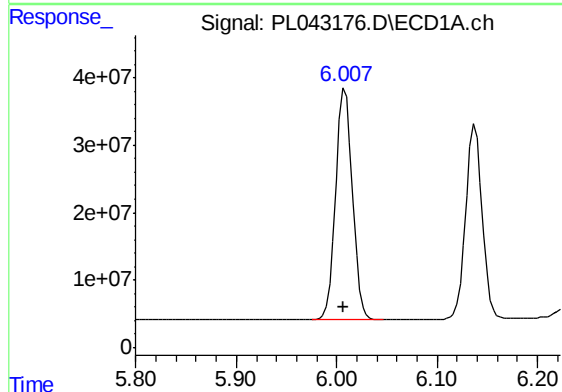
Manual Integrations  
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12/18/2018 9:04:06 AM



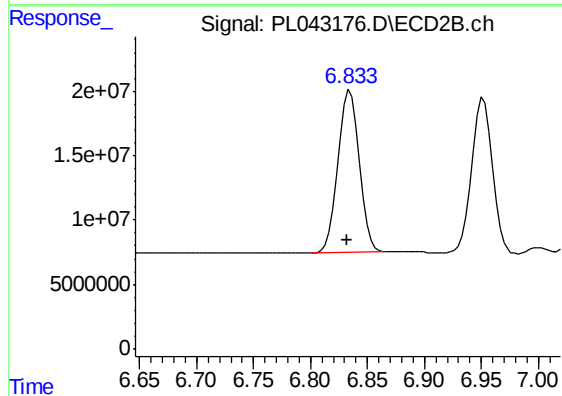
#13 Dieldrin

R.T.: 6.615 min  
Delta R.T.: 0.002 min  
Response: 193413805  
Conc: 53.35 ng/ml



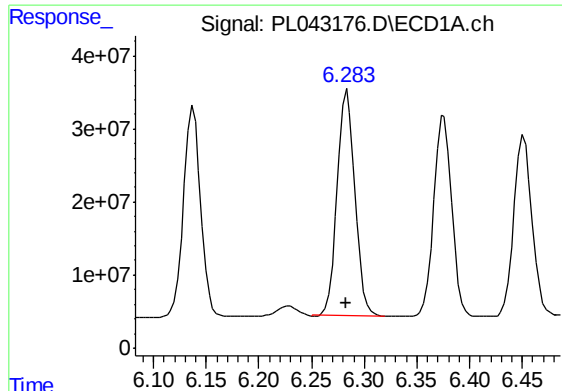
#14 Endrin

R.T.: 6.009 min  
Delta R.T.: 0.002 min  
Response: 395165497  
Conc: 54.88 ng/ml



#14 Endrin

R.T.: 6.835 min  
Delta R.T.: 0.003 min  
Response: 162205446  
Conc: 51.96 ng/ml



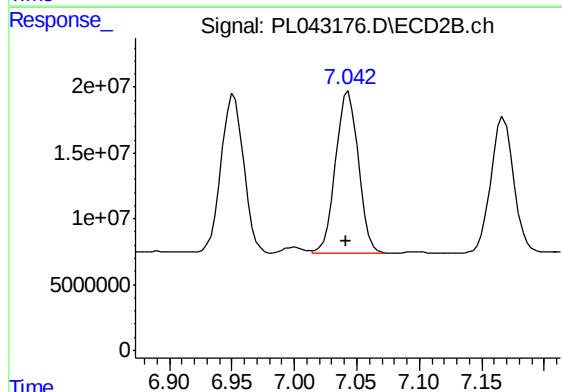
#15 Endosulfan II

R.T.: 6.284 min  
Delta R.T.: 0.001 min  
Response: 360402967  
Conc: 54.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB115700BSD

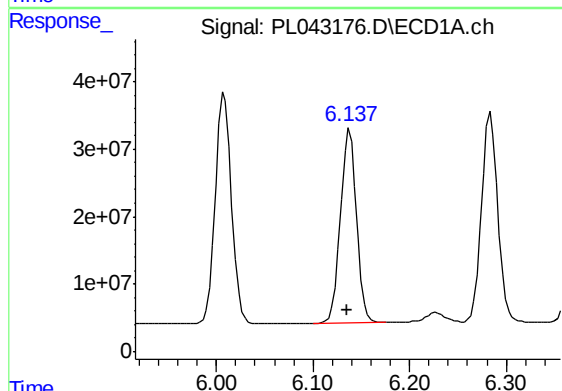
Manual Integrations  
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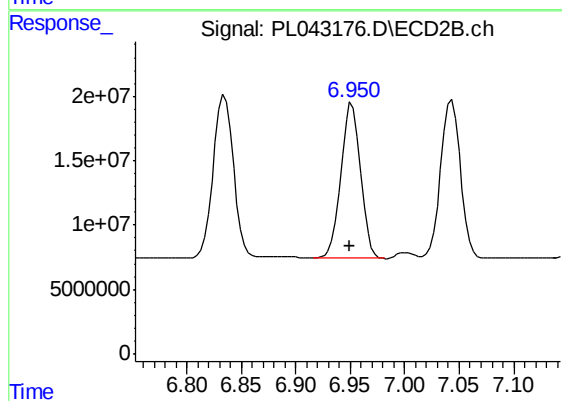
#15 Endosulfan II

R.T.: 7.042 min  
Delta R.T.: 0.001 min  
Response: 156932790  
Conc: 51.83 ng/ml m



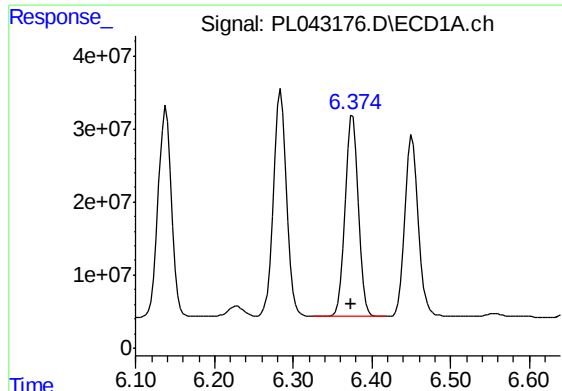
#16 4,4'-DDD

R.T.: 6.138 min  
Delta R.T.: 0.002 min  
Response: 323643534  
Conc: 57.07 ng/ml



#16 4,4'-DDD

R.T.: 6.952 min  
Delta R.T.: 0.002 min  
Response: 151013628  
Conc: 51.50 ng/ml



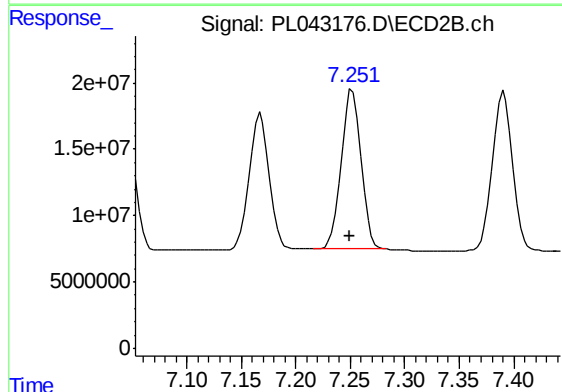
#17 4,4'-DDT

R.T.: 6.376 min  
Delta R.T.: 0.002 min  
Response: 329561348  
Conc: 55.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB115700BSD

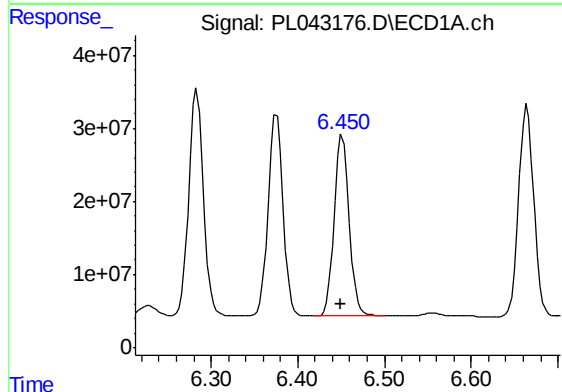
Manual Integrations  
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12/18/2018 9:04:06 AM



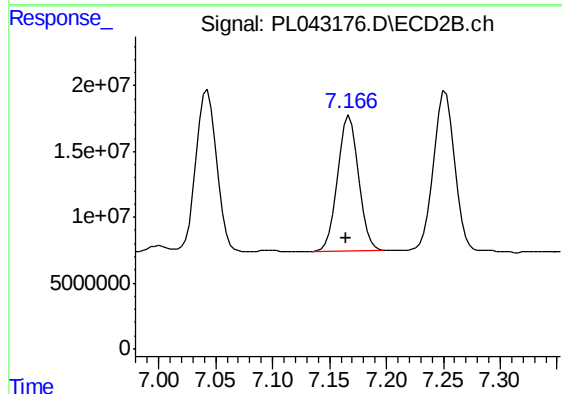
#17 4,4'-DDT

R.T.: 7.252 min  
Delta R.T.: 0.003 min  
Response: 152811846  
Conc: 52.03 ng/ml



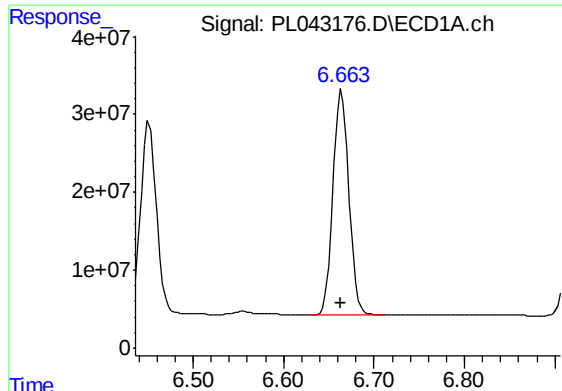
#18 Endrin aldehyde

R.T.: 6.452 min  
Delta R.T.: 0.001 min  
Response: 298612219  
Conc: 54.19 ng/ml



#18 Endrin aldehyde

R.T.: 7.168 min  
Delta R.T.: 0.003 min  
Response: 130236924  
Conc: 51.92 ng/ml



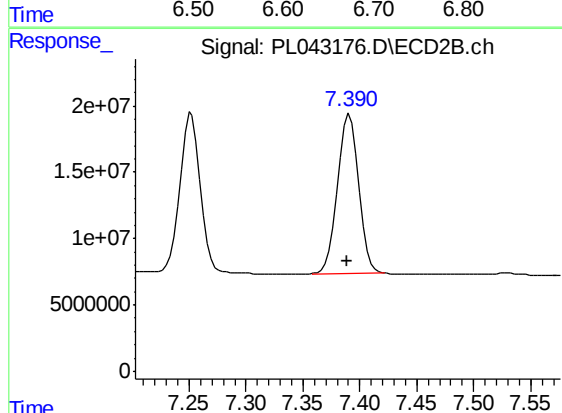
#19 Endosulfan Sulfate

R.T.: 6.665 min  
Delta R.T.: 0.002 min  
Response: 352098257  
Conc: 52.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB115700BSD

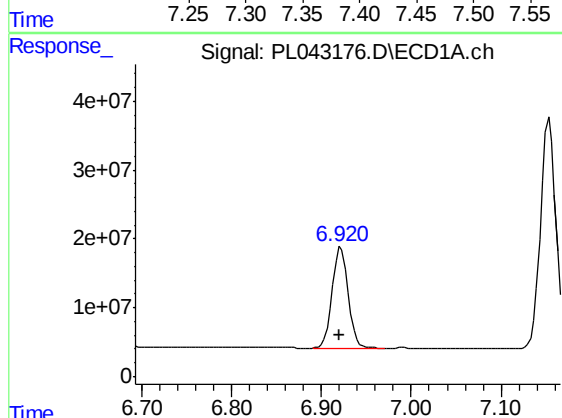
Manual Integrations  
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12/18/2018 9:04:06 AM



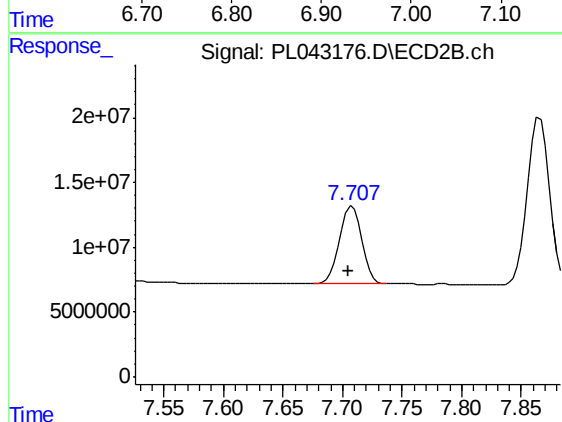
#19 Endosulfan Sulfate

R.T.: 7.391 min  
Delta R.T.: 0.003 min  
Response: 153304685  
Conc: 50.99 ng/ml



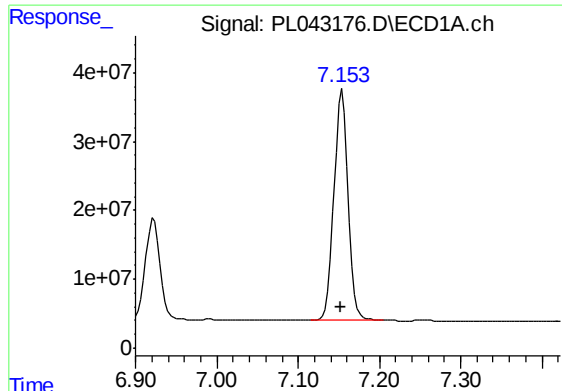
#20 Methoxychlor

R.T.: 6.922 min  
Delta R.T.: 0.002 min  
Response: 181078805  
Conc: 53.97 ng/ml



#20 Methoxychlor

R.T.: 7.708 min  
Delta R.T.: 0.003 min  
Response: 77574255  
Conc: 51.43 ng/ml



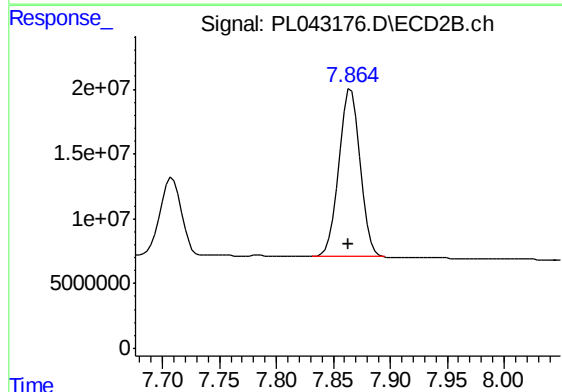
#21 Endrin ketone

R.T.: 7.154 min  
Delta R.T.: 0.001 min  
Response: 403110164  
Conc: 55.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB115700BSD

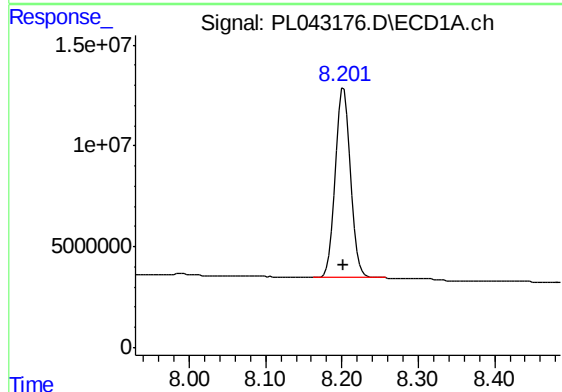
Manual Integrations  
APPROVED

Sohil  
12/18/2018 9:04:06 AM



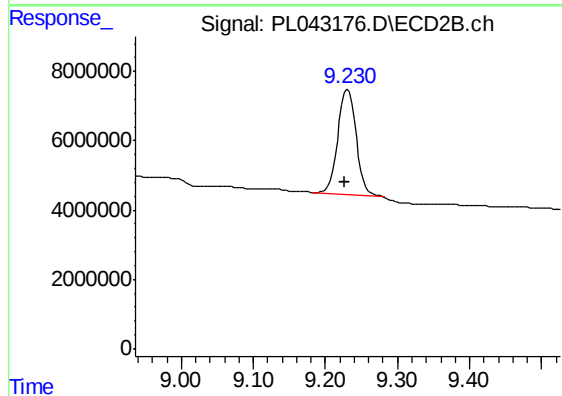
#21 Endrin ketone

R.T.: 7.866 min  
Delta R.T.: 0.003 min  
Response: 166231452  
Conc: 54.38 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.202 min  
Delta R.T.: 0.001 min  
Response: 129680372  
Conc: 19.86 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.231 min  
Delta R.T.: 0.004 min  
Response: 53384383  
Conc: 20.47 ng/ml