

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL122718\  
 Data File : PL043456.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 Dec 2018 18:19  
 Operator : AJ\SJ  
 Sample : J6188-06MS  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 BU-03-122118MS

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 28 00:12:13 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... | 3.463 | 4.097 | 117.1E6 | 61106953 | 19.089  | 20.617  |
| 28)                         | SA Decachlor... | 8.195 | 9.223 | 121.4E6 | 50998041 | 18.587  | 19.551  |
| Target Compounds            |                 |       |       |         |          |         |         |
| 2)                          | A alpha-BHC     | 3.901 | 4.492 | 539.8E6 | 254.3E6  | 57.101m | 56.214m |
| 3)                          | MA gamma-BHC... | 4.185 | 4.780 | 490.7E6 | 240.4E6  | 56.828  | 57.321m |
| 4)                          | MA Heptachlor   | 4.480 | 5.296 | 498.7E6 | 234.0E6  | 56.210  | 57.113  |
| 5)                          | MB Aldrin       | 4.725 | 5.605 | 478.4E6 | 236.7E6  | 56.425  | 57.994  |
| 6)                          | B beta-BHC      | 4.439 | 4.951 | 200.3E6 | 100.7E6  | 54.305  | 59.463  |
| 7)                          | B delta-BHC     | 4.640 | 5.170 | 407.9E6 | 203.2E6  | 50.363  | 47.274m |
| 8)                          | B Heptachlo...  | 5.168 | 5.993 | 438.2E6 | 213.2E6  | 55.278  | 56.233  |
| 9)                          | A Endosulfan I  | 5.505 | 6.352 | 401.5E6 | 196.7E6  | 54.807  | 57.934  |
| 10)                         | B gamma-Chl...  | 5.393 | 6.228 | 443.5E6 | 214.8E6  | 55.018  | 58.475  |
| 11)                         | B alpha-Chl...  | 5.451 | 6.301 | 431.8E6 | 209.7E6  | 54.392  | 58.303  |
| 12)                         | B 4,4'-DDE      | 5.617 | 6.455 | 398.5E6 | 211.8E6  | 57.563  | 58.455  |
| 13)                         | MA Dieldrin     | 5.747 | 6.611 | 431.1E6 | 210.7E6  | 55.452  | 58.126  |
| 14)                         | MA Endrin       | 6.004 | 6.830 | 384.7E6 | 170.2E6  | 53.432  | 54.511  |
| 15)                         | B Endosulfa...  | 6.279 | 7.039 | 364.6E6 | 176.8E6  | 54.807  | 58.382  |
| 16)                         | A 4,4'-DDD      | 6.132 | 6.947 | 329.4E6 | 171.0E6  | 58.091  | 58.310  |
| 17)                         | MA 4,4'-DDT     | 6.370 | 7.247 | 306.3E6 | 156.6E6  | 51.486  | 53.314  |
| 18)                         | B Endrin al...  | 6.446 | 7.163 | 296.6E6 | 143.2E6  | 53.830  | 57.093  |
| 19)                         | B Endosulfa...  | 6.659 | 7.386 | 350.9E6 | 165.7E6  | 52.379  | 55.115  |
| 20)                         | A Methoxychlor  | 6.916 | 7.703 | 165.2E6 | 78445878 | 49.226  | 52.009  |
| 21)                         | B Endrin ke...  | 7.148 | 7.860 | 400.8E6 | 173.8E6  | 55.424  | 56.847  |
| -----                       |                 |       |       |         |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL122718\  
Data File : PL043456.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 27 Dec 2018 18:19  
Operator : AJ\SJ  
Sample : J6188-06MS  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

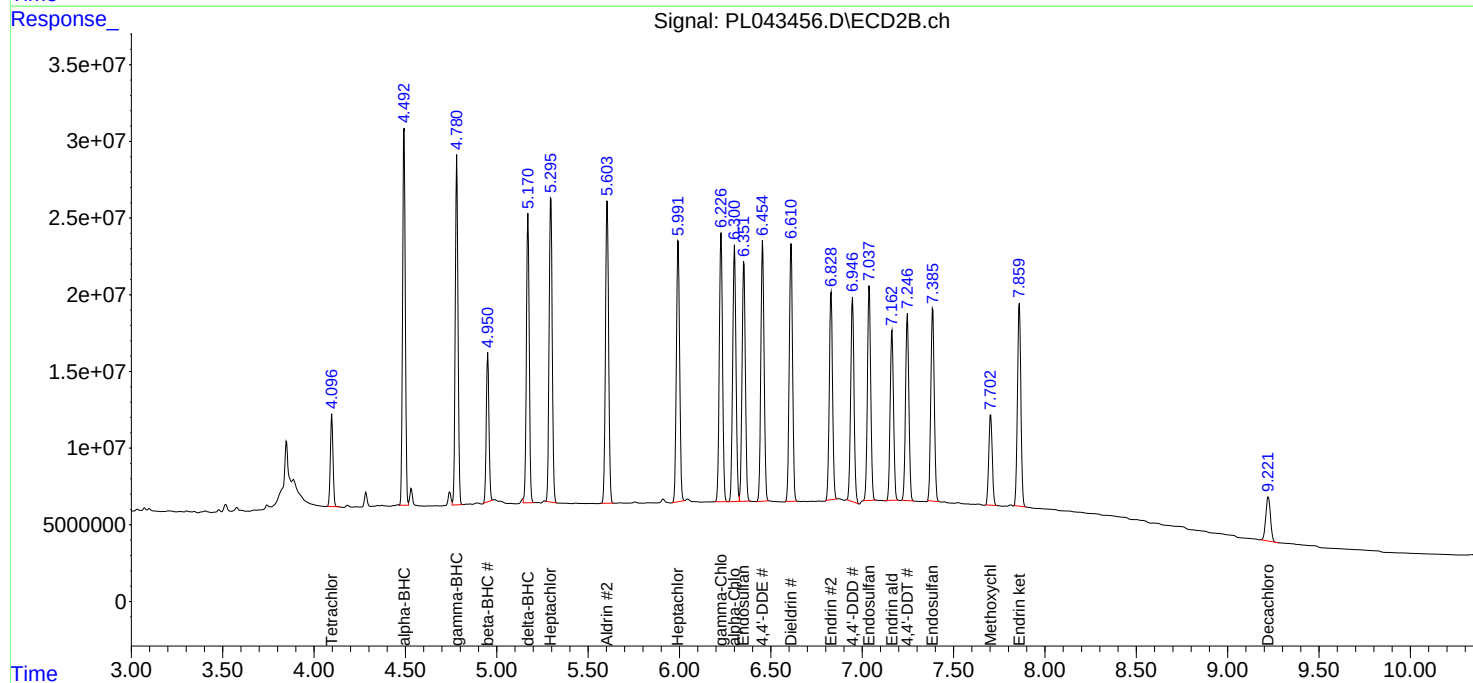
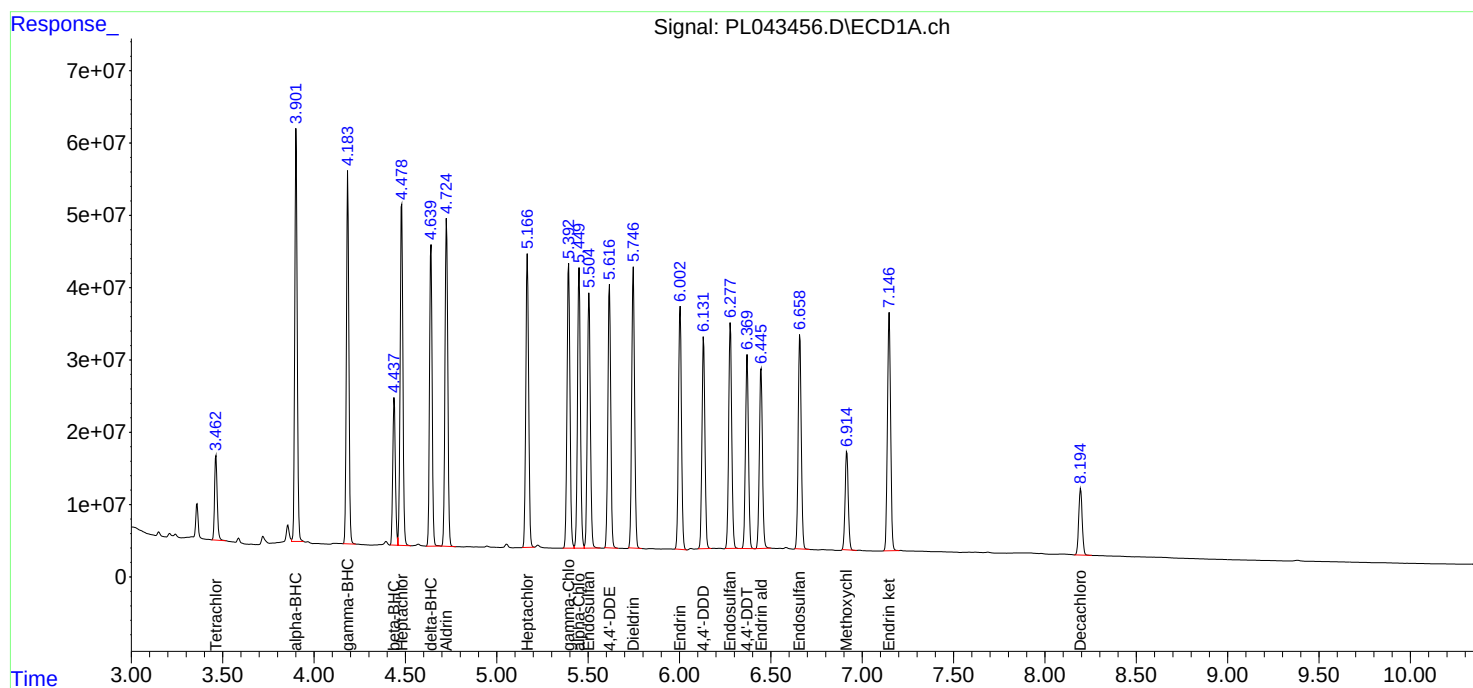
Instrument :  
ECD\_L  
ClientSampled :  
BU-03-122118MS

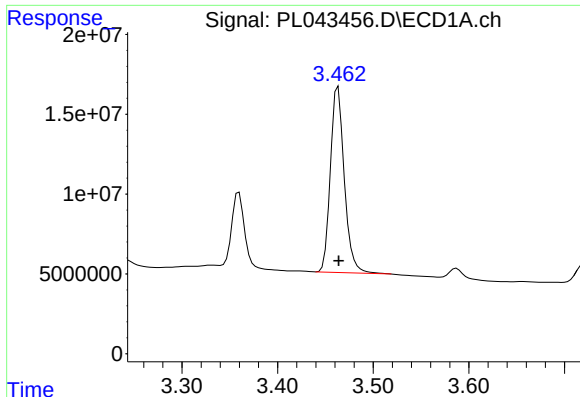
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 28 00:12:13 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL120618.M  
Quant Title : GC Extractables  
QLast Update : Fri Dec 07 00:20:08 2018  
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





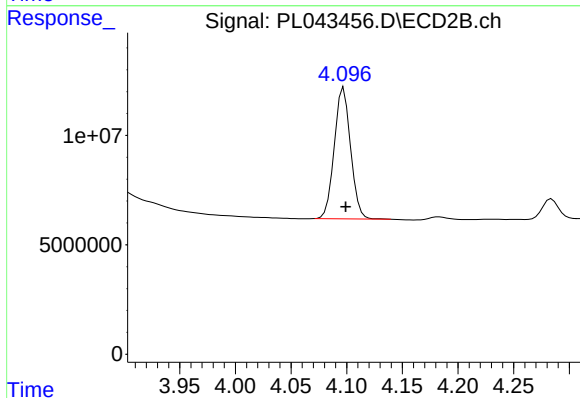
#1 Tetrachloro-m-xylene

R.T.: 3.463 min  
Delta R.T.: 0.000 min  
Response: 117070015  
Conc: 19.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BU-03-122118MS

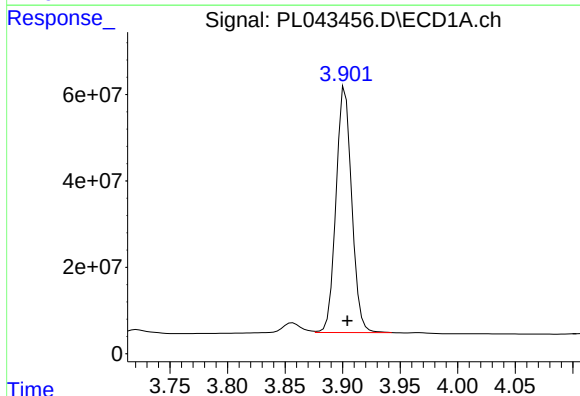
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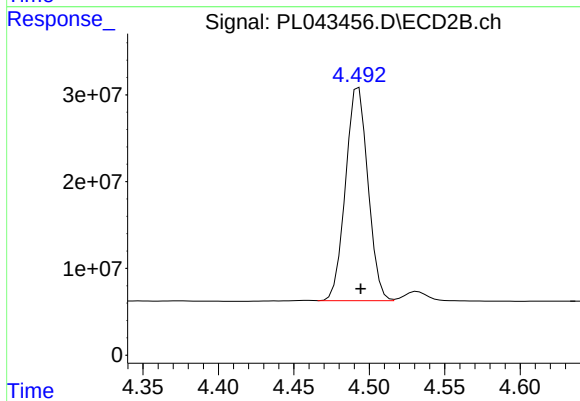
#1 Tetrachloro-m-xylene

R.T.: 4.097 min  
Delta R.T.: -0.002 min  
Response: 61106953  
Conc: 20.62 ng/ml



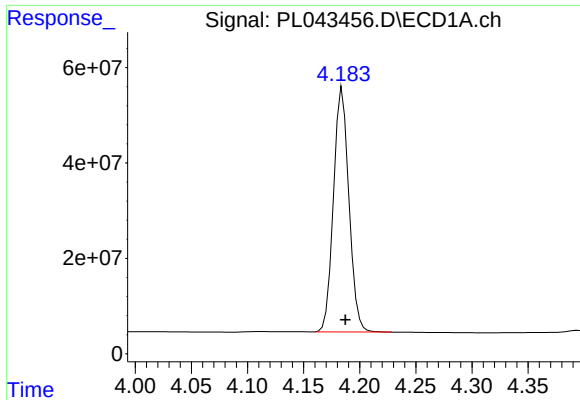
#2 alpha-BHC

R.T.: 3.901 min  
Delta R.T.: -0.003 min  
Response: 539800518  
Conc: 57.10 ng/ml m



#2 alpha-BHC

R.T.: 4.492 min  
Delta R.T.: -0.003 min  
Response: 254280909  
Conc: 56.21 ng/ml m



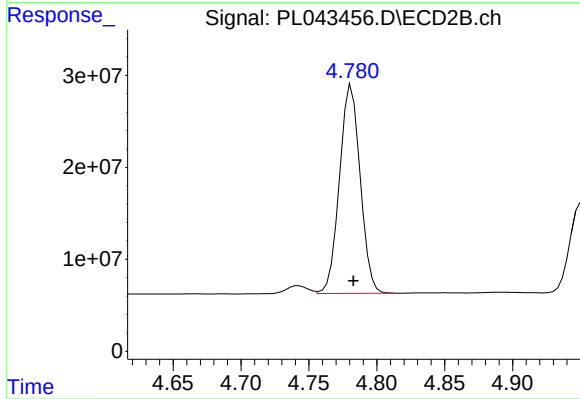
#3 gamma-BHC (Lindane)

R.T.: 4.185 min  
Delta R.T.: -0.002 min  
Response: 490679512  
Conc: 56.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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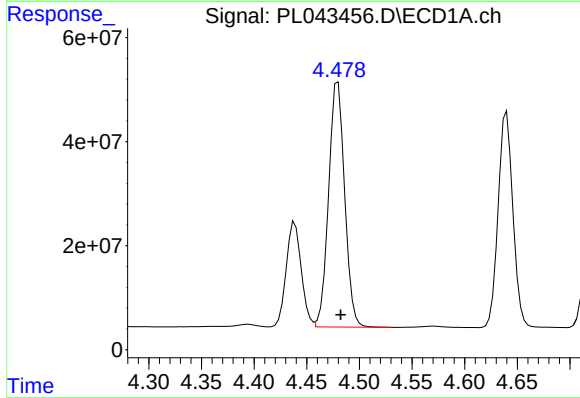
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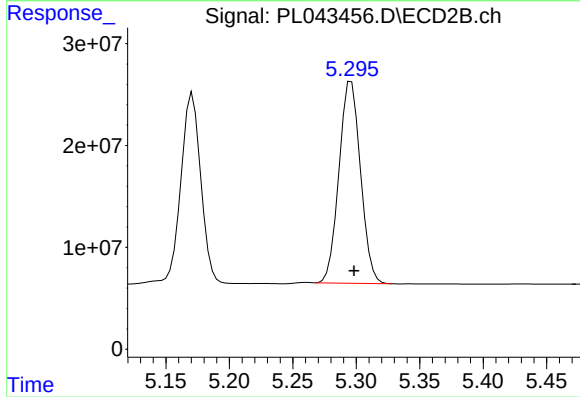
#3 gamma-BHC (Lindane)

R.T.: 4.780 min  
Delta R.T.: -0.003 min  
Response: 240415033  
Conc: 57.32 ng/ml m



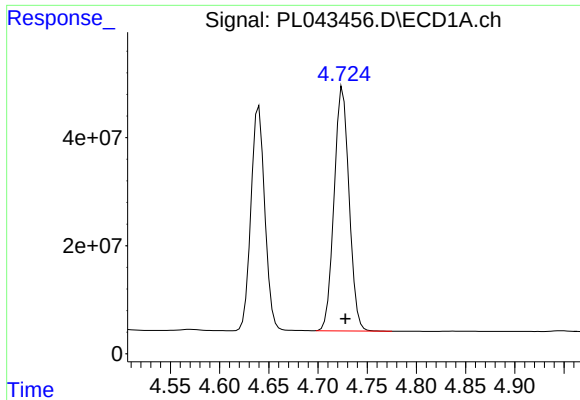
#4 Heptachlor

R.T.: 4.480 min  
Delta R.T.: -0.003 min  
Response: 498734075  
Conc: 56.21 ng/ml



#4 Heptachlor

R.T.: 5.296 min  
Delta R.T.: -0.002 min  
Response: 233954320  
Conc: 57.11 ng/ml



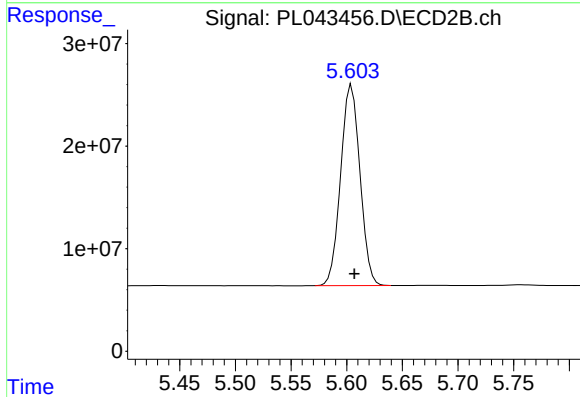
#5 Aldrin

R.T.: 4.725 min  
Delta R.T.: -0.003 min  
Response: 478401463  
Conc: 56.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BU-03-122118MS

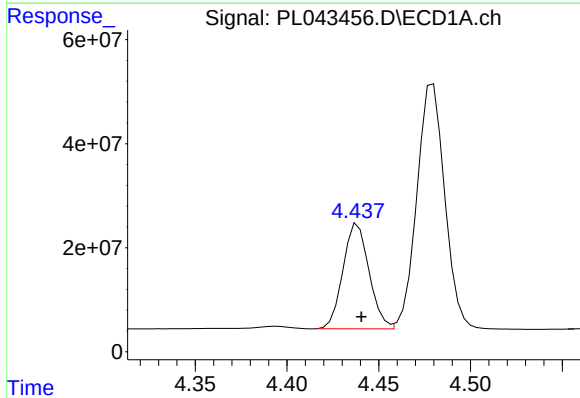
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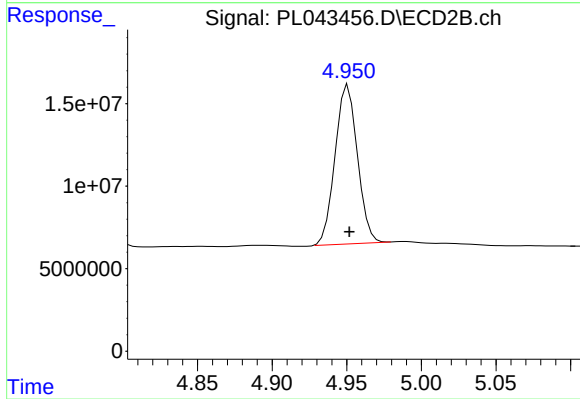
#5 Aldrin

R.T.: 5.605 min  
Delta R.T.: -0.002 min  
Response: 236730183  
Conc: 57.99 ng/ml



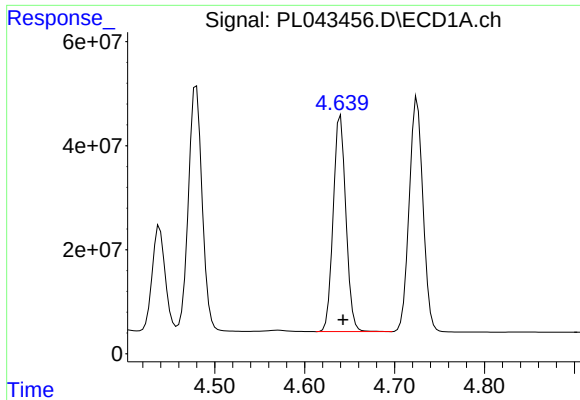
#6 beta-BHC

R.T.: 4.439 min  
Delta R.T.: -0.002 min  
Response: 200302317  
Conc: 54.30 ng/ml



#6 beta-BHC

R.T.: 4.951 min  
Delta R.T.: 0.000 min  
Response: 100666952  
Conc: 59.46 ng/ml



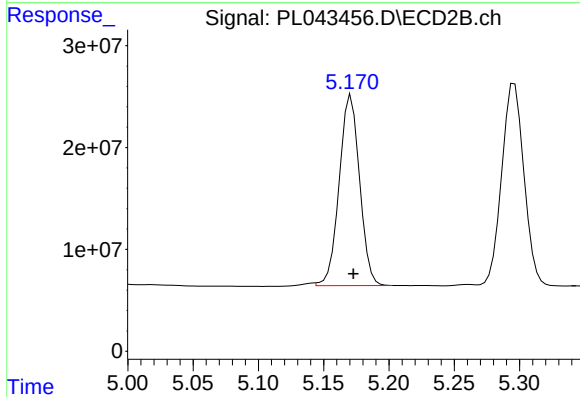
#7 delta-BHC

R.T.: 4.640 min  
Delta R.T.: -0.003 min  
Response: 407853889  
Conc: 50.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BU-03-122118MS

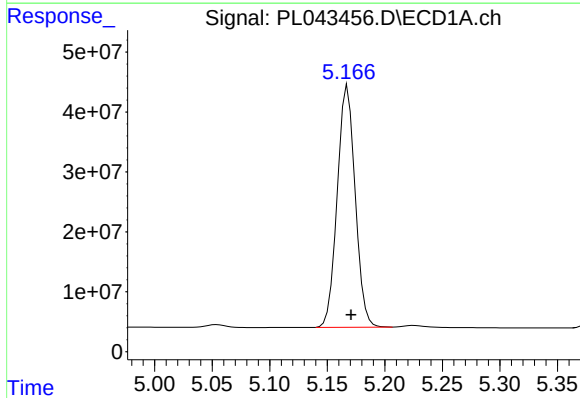
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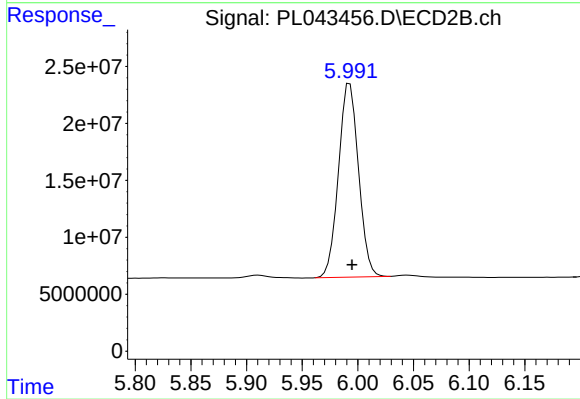
#7 delta-BHC

R.T.: 5.170 min  
Delta R.T.: -0.003 min  
Response: 203161992  
Conc: 47.27 ng/ml m



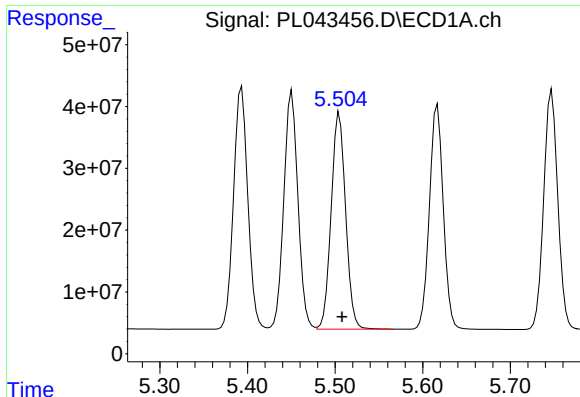
#8 Heptachlor epoxide

R.T.: 5.168 min  
Delta R.T.: -0.003 min  
Response: 438180280  
Conc: 55.28 ng/ml



#8 Heptachlor epoxide

R.T.: 5.993 min  
Delta R.T.: -0.002 min  
Response: 213237022  
Conc: 56.23 ng/ml



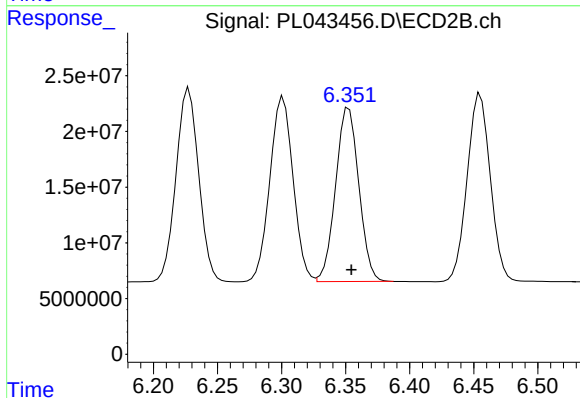
#9 Endosulfan I

R.T.: 5.505 min  
Delta R.T.: -0.003 min  
Response: 401501950  
Conc: 54.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BU-03-122118MS

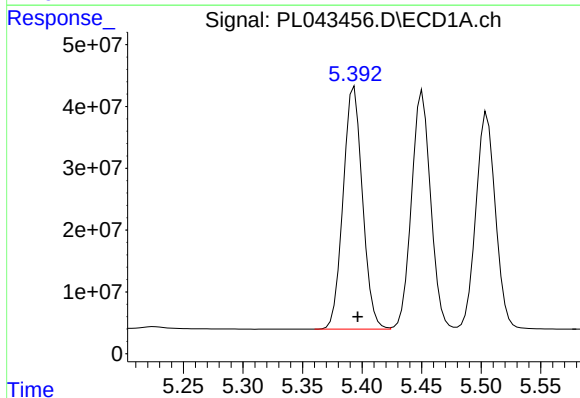
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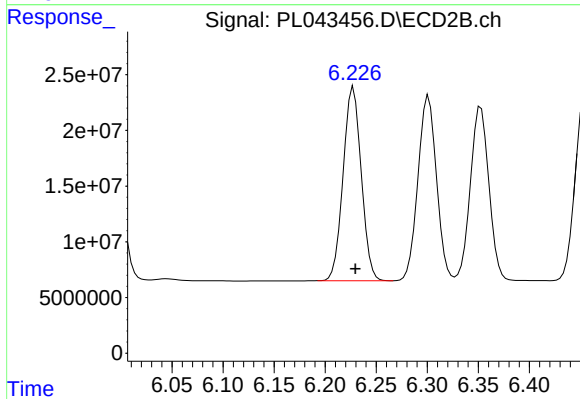
#9 Endosulfan I

R.T.: 6.352 min  
Delta R.T.: -0.002 min  
Response: 196704804  
Conc: 57.93 ng/ml



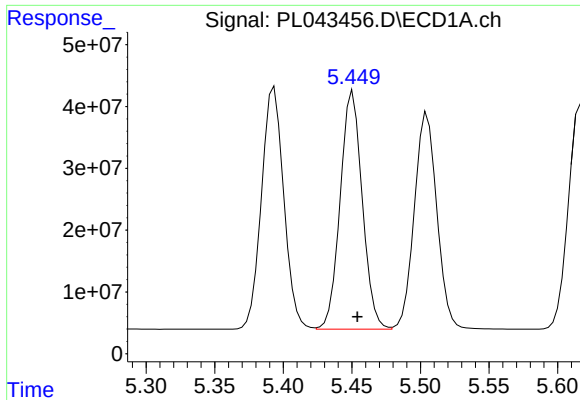
#10 gamma-Chlordane

R.T.: 5.393 min  
Delta R.T.: -0.003 min  
Response: 443542808  
Conc: 55.02 ng/ml



#10 gamma-Chlordane

R.T.: 6.228 min  
Delta R.T.: -0.002 min  
Response: 214811641  
Conc: 58.47 ng/ml



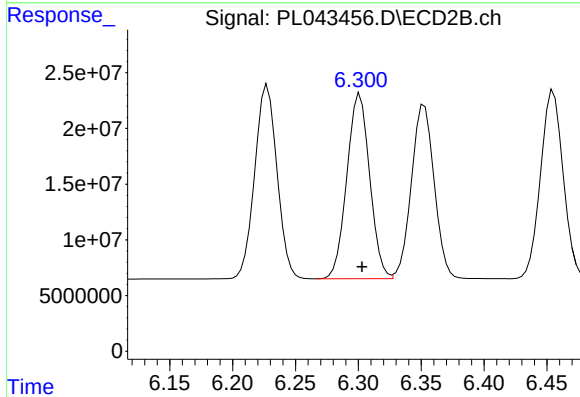
#11 alpha-Chlordane

R.T.: 5.451 min  
Delta R.T.: -0.003 min  
Response: 431829047  
Conc: 54.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BU-03-122118MS

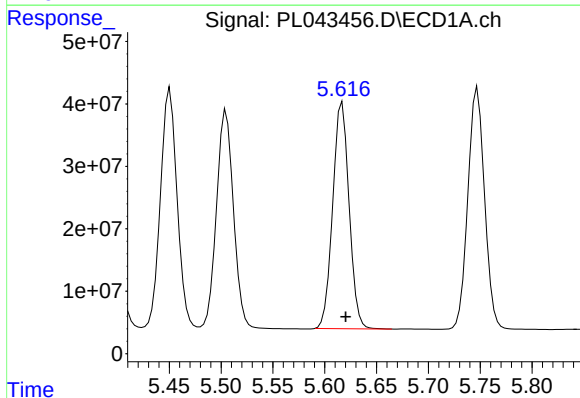
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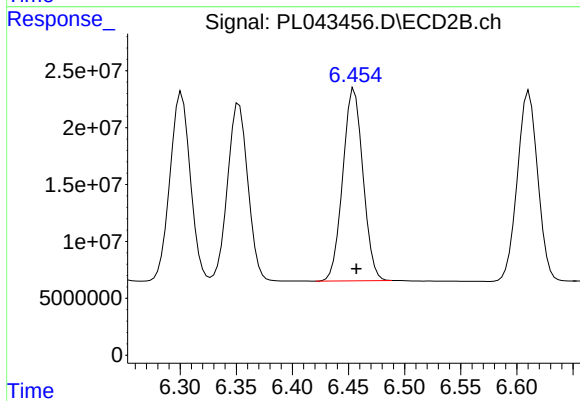
#11 alpha-Chlordane

R.T.: 6.301 min  
Delta R.T.: -0.002 min  
Response: 209682079  
Conc: 58.30 ng/ml



#12 4,4'-DDE

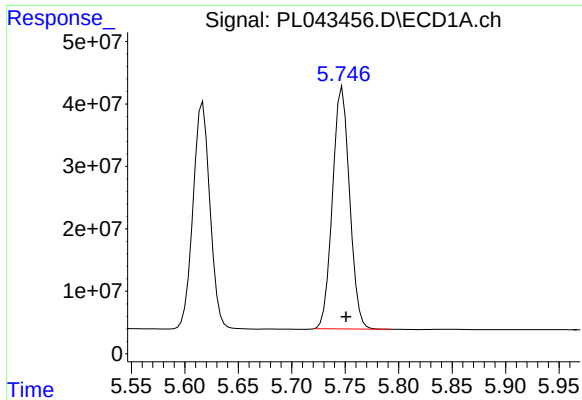
R.T.: 5.617 min  
Delta R.T.: -0.004 min  
Response: 398505611  
Conc: 57.56 ng/ml



#12 4,4'-DDE

R.T.: 6.455 min  
Delta R.T.: -0.002 min  
Response: 211826568  
Conc: 58.46 ng/ml





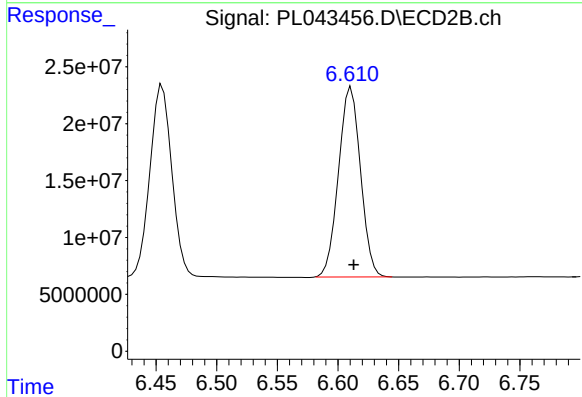
#13 Dieldrin

R.T.: 5.747 min  
Delta R.T.: -0.004 min  
Response: 431125564  
Conc: 55.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BU-03-122118MS

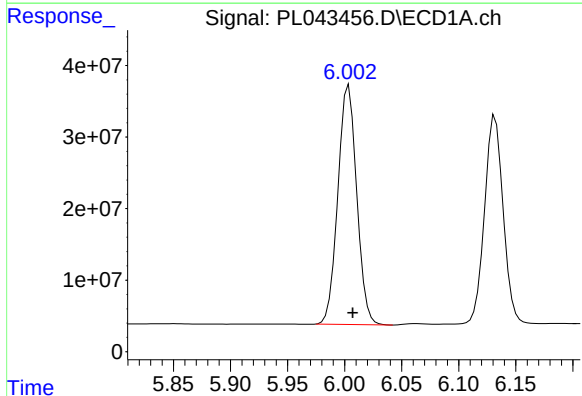
Manual Integrations  
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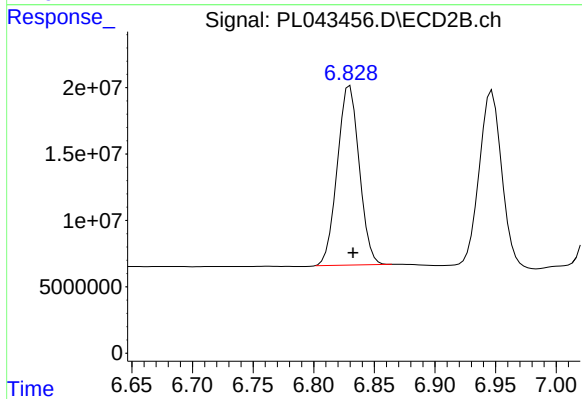
#13 Dieldrin

R.T.: 6.611 min  
Delta R.T.: -0.002 min  
Response: 210746244  
Conc: 58.13 ng/ml



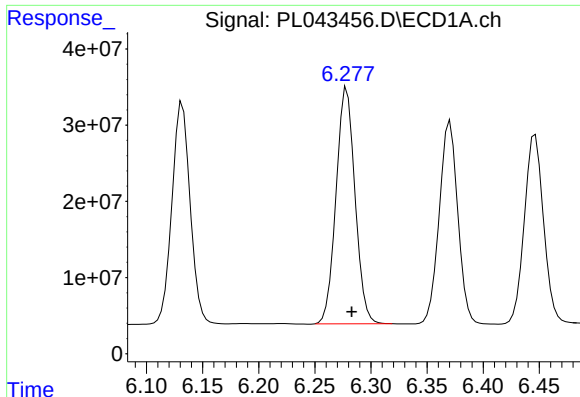
#14 Endrin

R.T.: 6.004 min  
Delta R.T.: -0.003 min  
Response: 384735771  
Conc: 53.43 ng/ml



#14 Endrin

R.T.: 6.830 min  
Delta R.T.: -0.003 min  
Response: 170181912  
Conc: 54.51 ng/ml



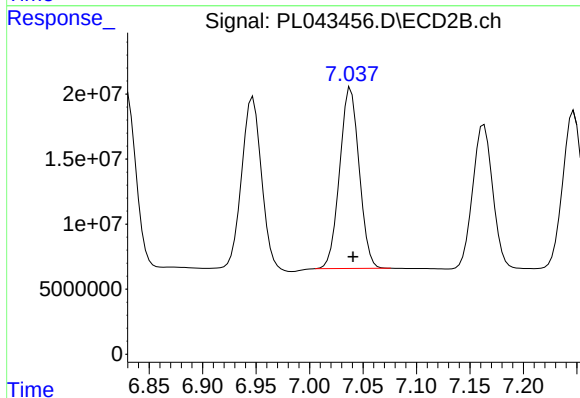
#15 Endosulfan II

R.T.: 6.279 min  
Delta R.T.: -0.004 min  
Response: 364584957  
Conc: 54.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BU-03-122118MS

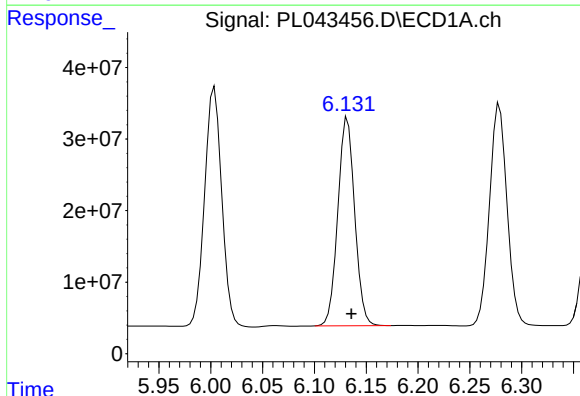
Manual Integrations  
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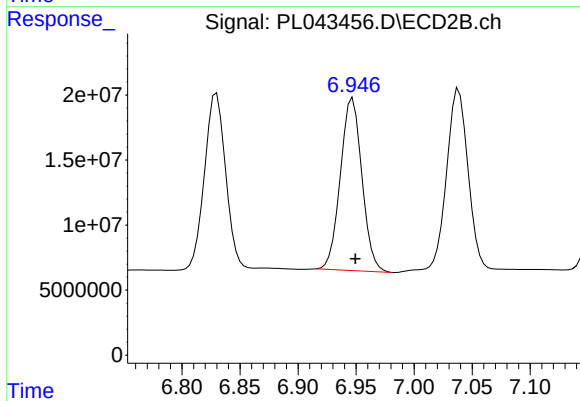
#15 Endosulfan II

R.T.: 7.039 min  
Delta R.T.: -0.002 min  
Response: 176773151  
Conc: 58.38 ng/ml



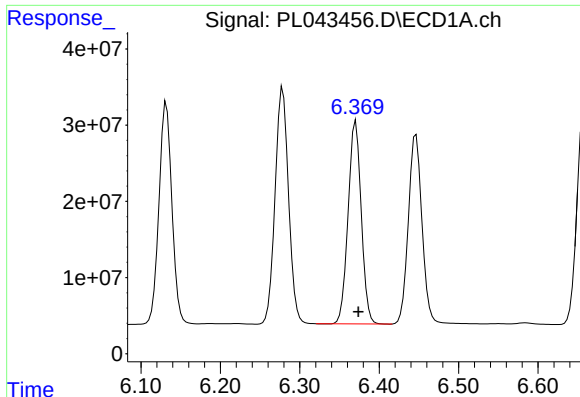
#16 4,4'-DDD

R.T.: 6.132 min  
Delta R.T.: -0.004 min  
Response: 329437473  
Conc: 58.09 ng/ml



#16 4,4'-DDD

R.T.: 6.947 min  
Delta R.T.: -0.002 min  
Response: 170999113  
Conc: 58.31 ng/ml



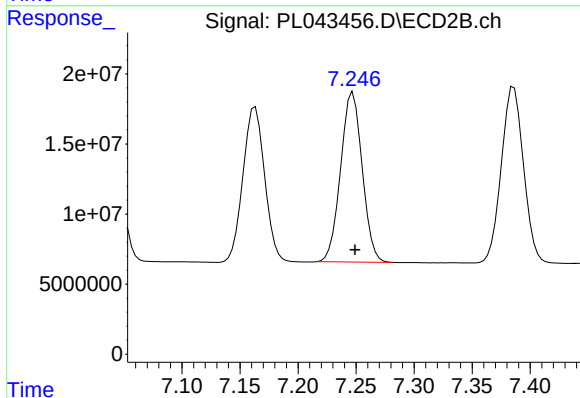
#17 4,4'-DDT

R.T.: 6.370 min  
Delta R.T.: -0.003 min  
Response: 306289245  
Conc: 51.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BU-03-122118MS

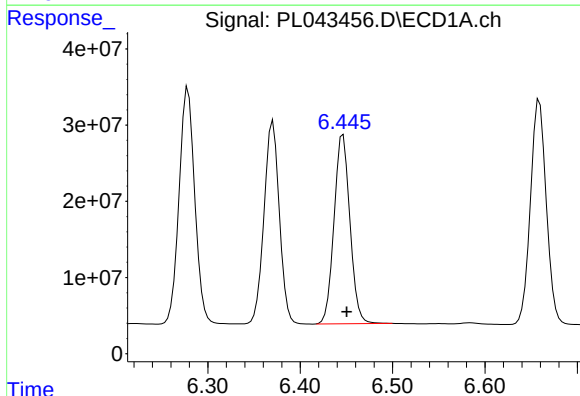
Manual Integrations  
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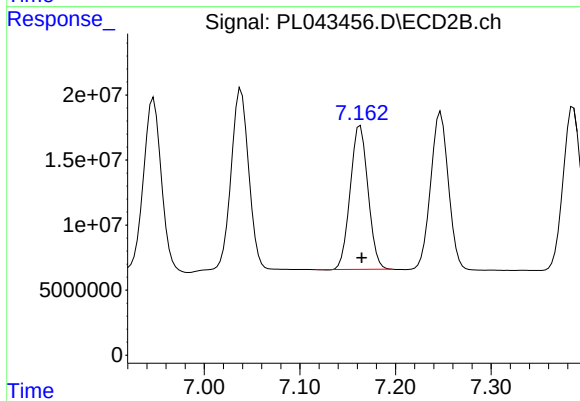
#17 4,4'-DDT

R.T.: 7.247 min  
Delta R.T.: -0.002 min  
Response: 156586009  
Conc: 53.31 ng/ml



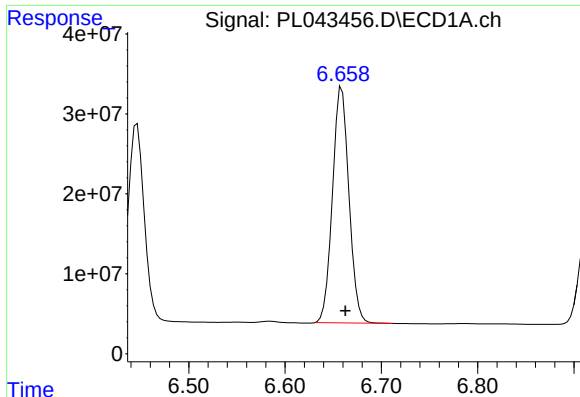
#18 Endrin aldehyde

R.T.: 6.446 min  
Delta R.T.: -0.004 min  
Response: 296642671  
Conc: 53.83 ng/ml



#18 Endrin aldehyde

R.T.: 7.163 min  
Delta R.T.: -0.002 min  
Response: 143205487  
Conc: 57.09 ng/ml



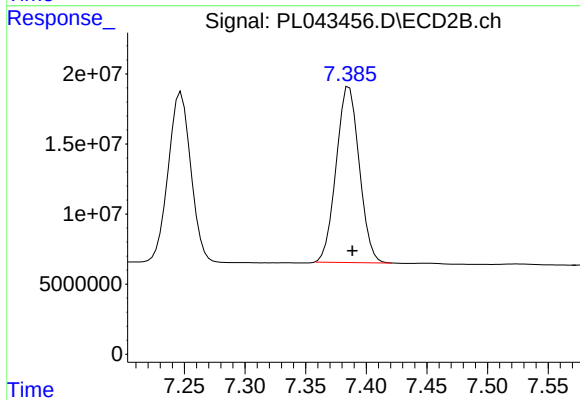
#19 Endosulfan Sulfate

R.T.: 6.659 min  
Delta R.T.: -0.004 min  
Response: 350872726  
Conc: 52.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BU-03-122118MS

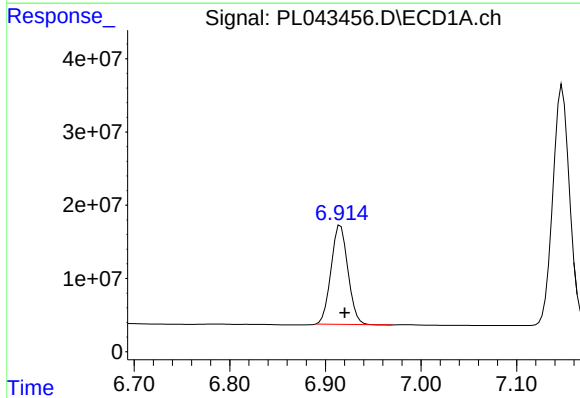
Manual Integrations  
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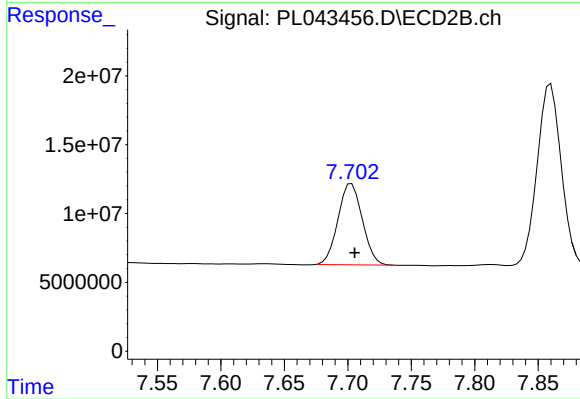
#19 Endosulfan Sulfate

R.T.: 7.386 min  
Delta R.T.: -0.003 min  
Response: 165707667  
Conc: 55.11 ng/ml



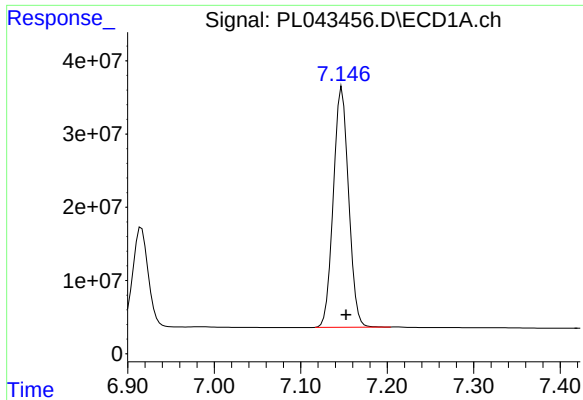
#20 Methoxychlor

R.T.: 6.916 min  
Delta R.T.: -0.004 min  
Response: 165171335  
Conc: 49.23 ng/ml



#20 Methoxychlor

R.T.: 7.703 min  
Delta R.T.: -0.003 min  
Response: 78445878  
Conc: 52.01 ng/ml



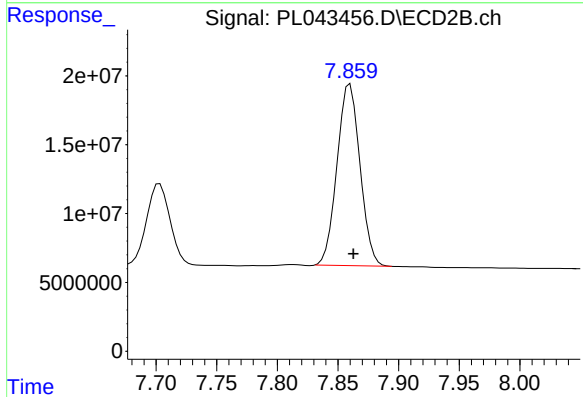
#21 Endrin ketone

R.T.: 7.148 min  
Delta R.T.: -0.005 min  
Response: 400751954  
Conc: 55.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BU-03-122118MS

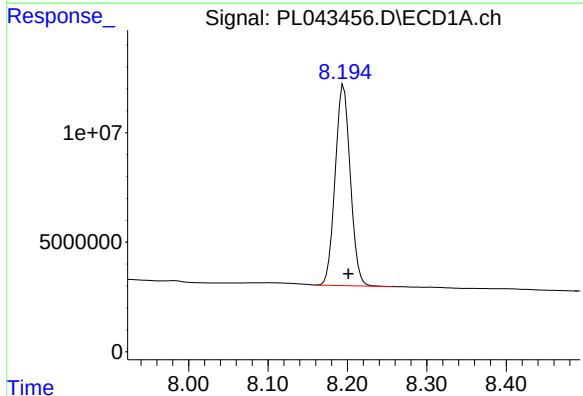
Manual Integrations  
APPROVED

Sohil  
12/28/2018 10:27:27 AM



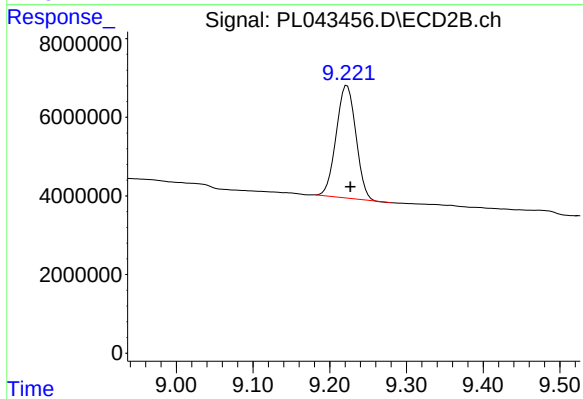
#21 Endrin ketone

R.T.: 7.860 min  
Delta R.T.: -0.003 min  
Response: 173760537  
Conc: 56.85 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.195 min  
Delta R.T.: -0.006 min  
Response: 121372174  
Conc: 18.59 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.223 min  
Delta R.T.: -0.004 min  
Response: 50998041  
Conc: 19.55 ng/ml