

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072518\  
 Data File : PL038548.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 25 Jul 2018 15:51  
 Operator : AJ\SJ  
 Sample : J4124-03MS  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 TP-11-SMS

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 26 02:20:18 2018  
 Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD\_L\methods\PL071318.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Jul 14 00:12:12 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... | 3.326 | 3.928 | 148.4E6  | 55930361 | 19.925  | 21.307  |
| 28)                         | SA Decachlor... | 7.996 | 8.937 | 84649869 | 31003004 | 11.159  | 12.683  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.755 | 4.307 | 587.1E6  | 212.5E6  | 49.693  | 54.905  |
| 3)                          | MA gamma-BHC... | 4.030 | 4.587 | 522.2E6  | 182.7E6  | 49.810m | 50.593  |
| 4)                          | MA Heptachlor   | 4.314 | 5.097 | 482.7E6  | 161.4E6  | 45.377  | 50.511  |
| 5)                          | MB Aldrin       | 4.553 | 5.399 | 452.1E6  | 140.8E6  | 43.190  | 45.611  |
| 6)                          | B beta-BHC      | 4.286 | 4.749 | 212.6E6  | 77884844 | 45.043  | 51.345  |
| 7)                          | B delta-BHC     | 4.479 | 4.962 | 501.3E6  | 158.0E6  | 46.188  | 47.626m |
| 8)                          | B Heptachlo...  | 4.991 | 5.780 | 419.0E6  | 124.9E6  | 44.440  | 43.959  |
| 9)                          | A Endosulfan I  | 5.322 | 6.132 | 373.9E6  | 115.8E6  | 43.222  | 45.043  |
| 10)                         | B gamma-Chl...  | 5.213 | 6.012 | 418.4E6  | 117.6E6  | 42.330  | 40.561  |
| 11)                         | B alpha-Chl...  | 5.269 | 6.086 | 397.6E6  | 122.5E6  | 42.001  | 42.754  |
| 12)                         | B 4,4'-DDE      | 5.438 | 6.241 | 371.9E6  | 103.7E6  | 38.791  | 38.796  |
| 13)                         | MA Dieldrin     | 5.559 | 6.386 | 401.8E6  | 116.0E6  | 41.812m | 42.616  |
| 14)                         | MA Endrin       | 5.813 | 6.601 | 357.1E6  | 100.8E6  | 41.102m | 42.207  |
| 15)                         | B Endosulfa...  | 6.088 | 6.804 | 334.5E6  | 97393442 | 42.185m | 40.557  |
| 16)                         | A 4,4'-DDD      | 5.948 | 6.723 | 286.8E6  | 81855569 | 39.090m | 38.243  |
| 17)                         | MA 4,4'-DDT     | 6.183 | 7.023 | 267.4E6  | 76130085 | 35.996  | 35.708  |
| 18)                         | B Endrin al...  | 6.257 | 6.927 | 246.1E6  | 78653208 | 38.646  | 40.307  |
| 19)                         | B Endosulfa...  | 6.468 | 7.149 | 314.0E6  | 93762958 | 41.569  | 43.015  |
| 20)                         | A Methoxychlor  | 6.731 | 7.478 | 155.2E6  | 44200817 | 40.332  | 38.818  |
| 21)                         | B Endrin ke...  | 6.951 | 7.611 | 319.1E6  | 94455407 | 40.668  | 39.628m |
| -----                       |                 |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072518\  
 Data File : PL038548.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 25 Jul 2018 15:51  
 Operator : AJ\SJ  
 Sample : J4124-03MS  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

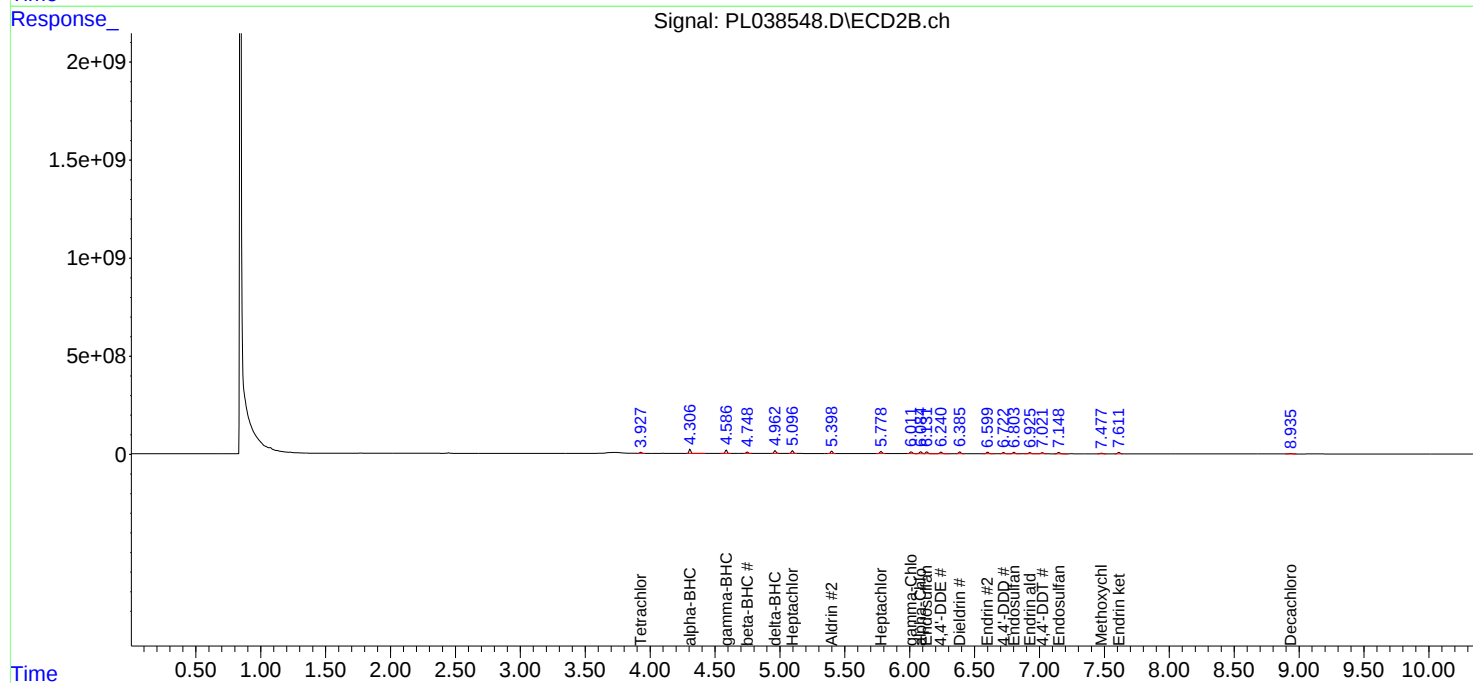
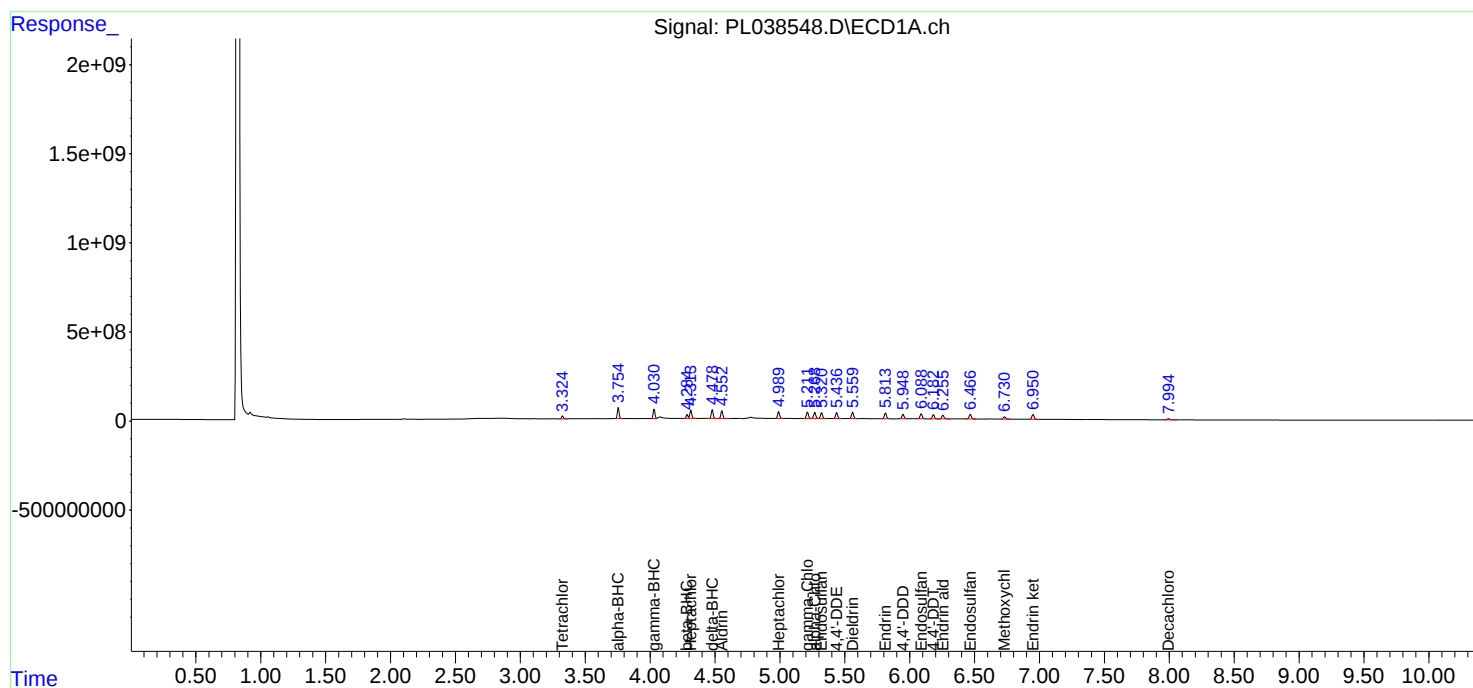
Instrument :  
 ECD\_L  
 ClientSampled :  
 TP-11-SMS

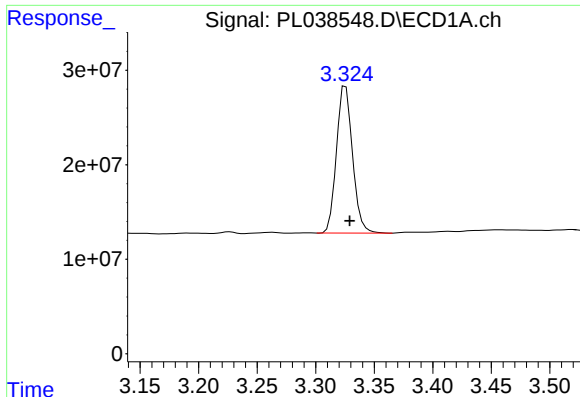
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 26 02:20:18 2018  
 Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD\_L\methods\PL071318.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Jul 14 00:12:12 2018  
 Response via : Initial Calibration  
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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





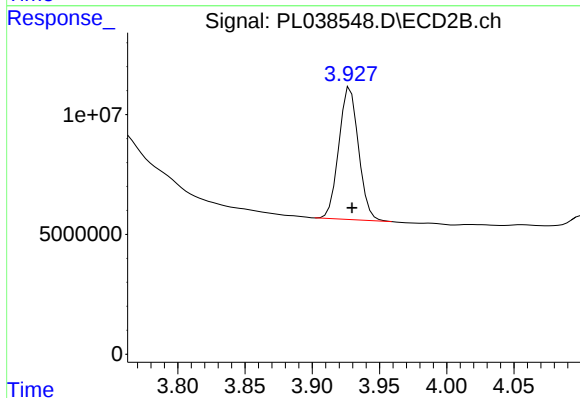
#1 Tetrachloro-m-xylene

R.T.: 3.326 min  
Delta R.T.: -0.003 min  
Response: 148370559  
Conc: 19.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-11-SMS

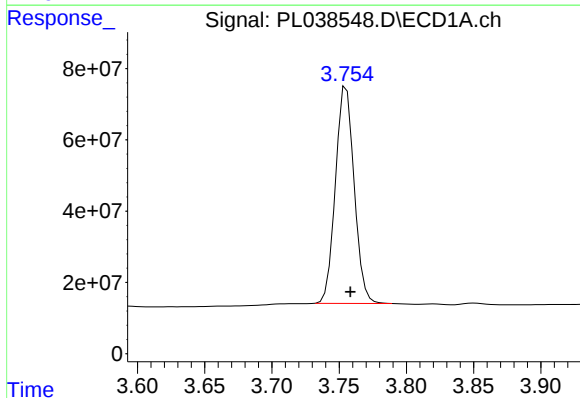
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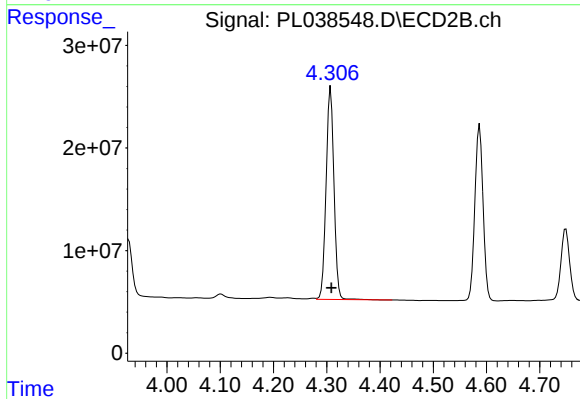
#1 Tetrachloro-m-xylene

R.T.: 3.928 min  
Delta R.T.: -0.001 min  
Response: 55930361  
Conc: 21.31 ng/ml



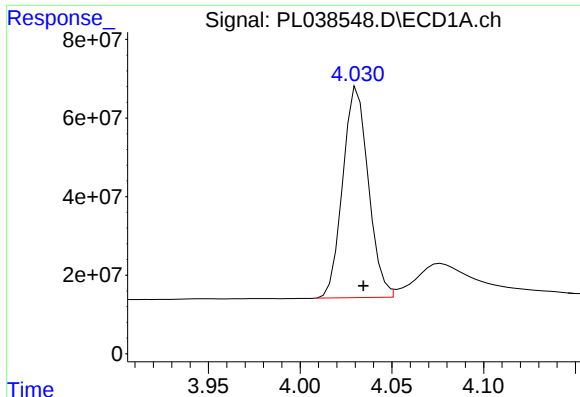
#2 alpha-BHC

R.T.: 3.755 min  
Delta R.T.: -0.003 min  
Response: 587143514  
Conc: 49.69 ng/ml



#2 alpha-BHC

R.T.: 4.307 min  
Delta R.T.: -0.001 min  
Response: 212490539  
Conc: 54.90 ng/ml



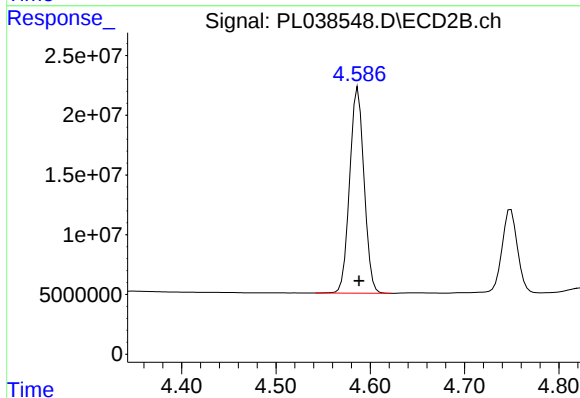
#3 gamma-BHC (Lindane)

R.T.: 4.030 min  
Delta R.T.: -0.005 min  
Response: 522203363  
Conc: 49.81 ng/ml m

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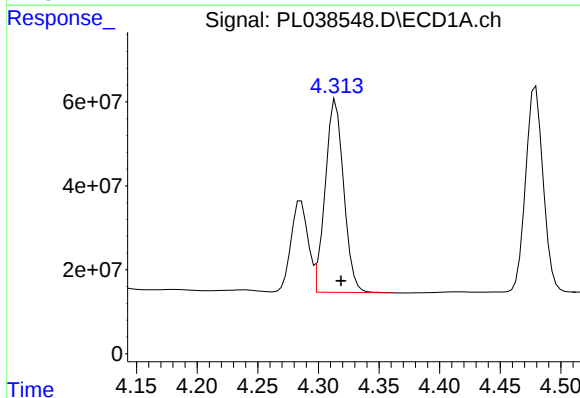
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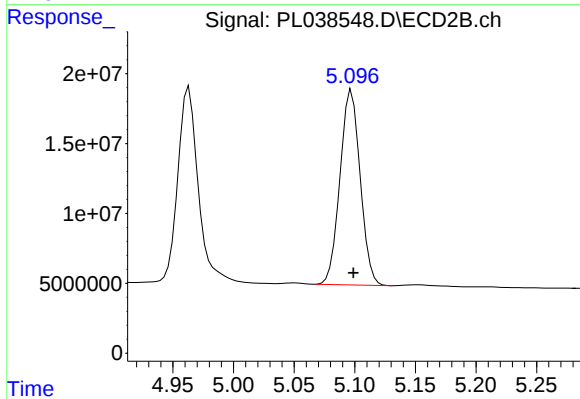
#3 gamma-BHC (Lindane)

R.T.: 4.587 min  
Delta R.T.: -0.001 min  
Response: 182729748  
Conc: 50.59 ng/ml



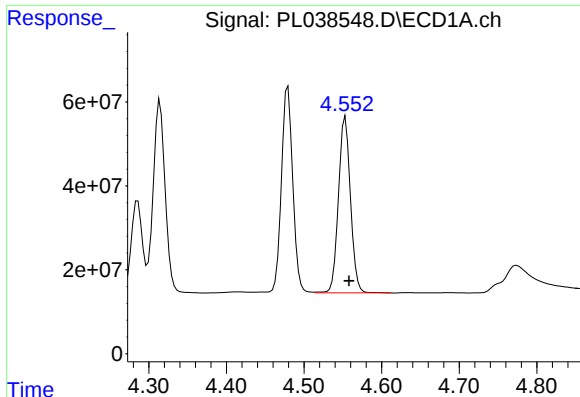
#4 Heptachlor

R.T.: 4.314 min  
Delta R.T.: -0.004 min  
Response: 482694833  
Conc: 45.38 ng/ml



#4 Heptachlor

R.T.: 5.097 min  
Delta R.T.: -0.002 min  
Response: 161445462  
Conc: 50.51 ng/ml



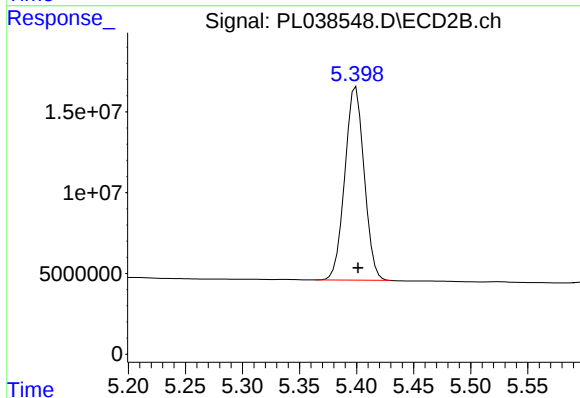
#5 Aldrin

R.T.: 4.553 min  
Delta R.T.: -0.005 min  
Response: 452083316  
Conc: 43.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-11-SMS

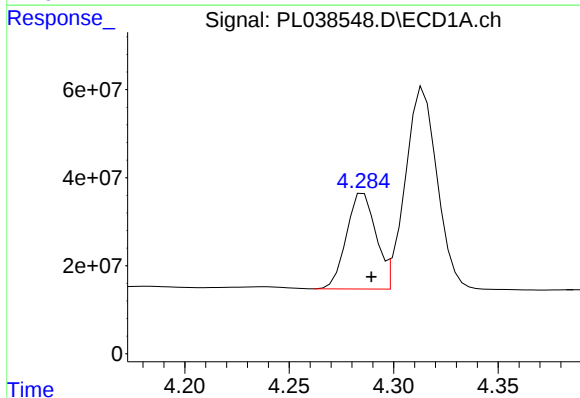
Manual Integrations  
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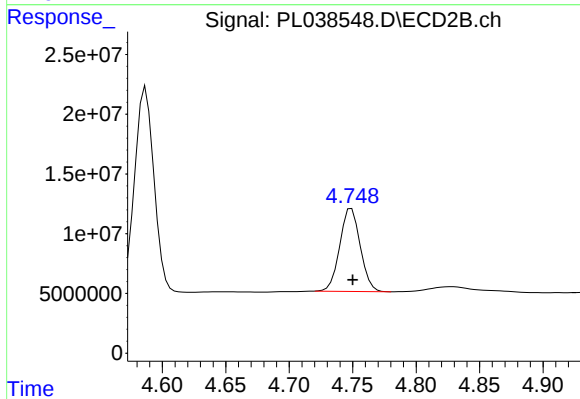
#5 Aldrin

R.T.: 5.399 min  
Delta R.T.: -0.002 min  
Response: 140764352  
Conc: 45.61 ng/ml



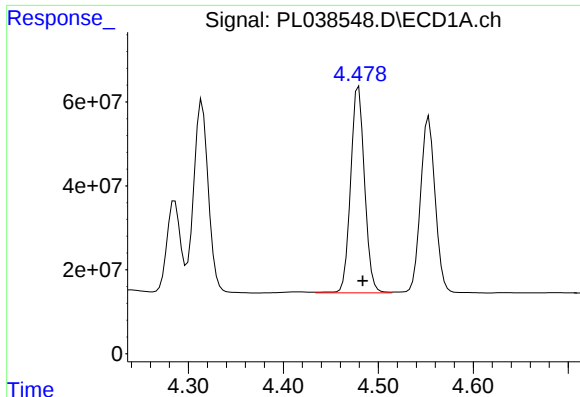
#6 beta-BHC

R.T.: 4.286 min  
Delta R.T.: -0.004 min  
Response: 212618393  
Conc: 45.04 ng/ml



#6 beta-BHC

R.T.: 4.749 min  
Delta R.T.: 0.000 min  
Response: 77884844  
Conc: 51.35 ng/ml



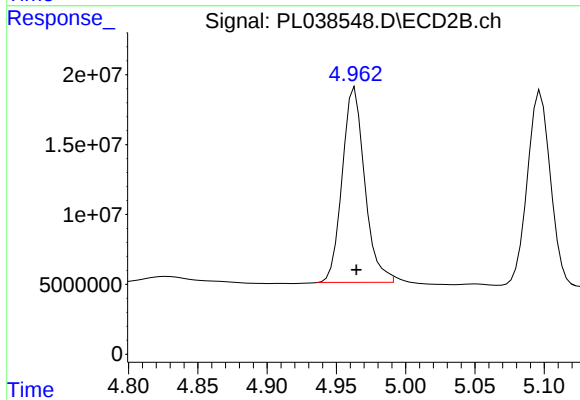
#7 delta-BHC

R.T.: 4.479 min  
Delta R.T.: -0.004 min  
Response: 501330949  
Conc: 46.19 ng/ml

Instrument :  
ECD\_L  
ClientSampled :  
TP-11-SMS

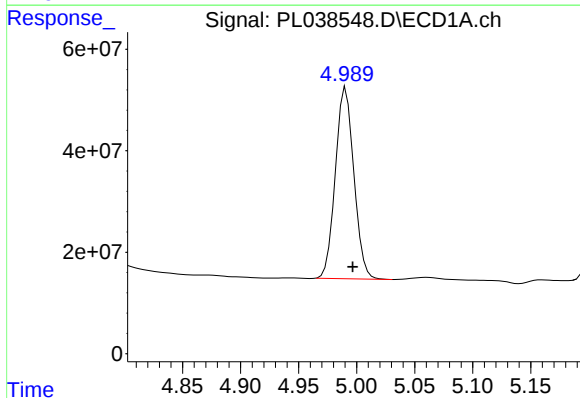
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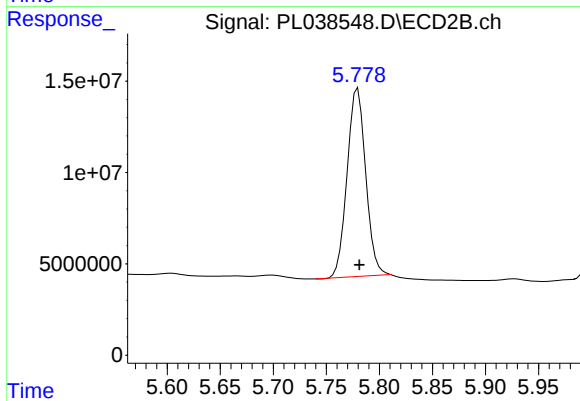
#7 delta-BHC

R.T.: 4.962 min  
Delta R.T.: -0.002 min  
Response: 157957611  
Conc: 47.63 ng/ml m



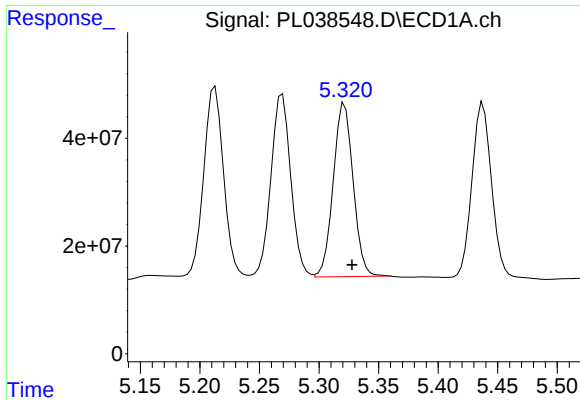
#8 Heptachlor epoxide

R.T.: 4.991 min  
Delta R.T.: -0.006 min  
Response: 419004677  
Conc: 44.44 ng/ml



#8 Heptachlor epoxide

R.T.: 5.780 min  
Delta R.T.: -0.002 min  
Response: 124927288  
Conc: 43.96 ng/ml



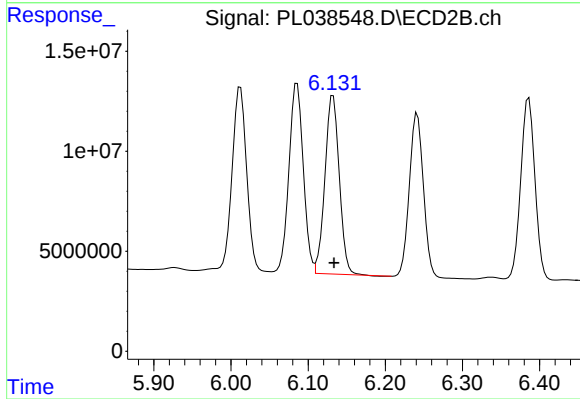
#9 Endosulfan I

R.T.: 5.322 min  
Delta R.T.: -0.006 min  
Response: 373852699  
Conc: 43.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-11-SMS

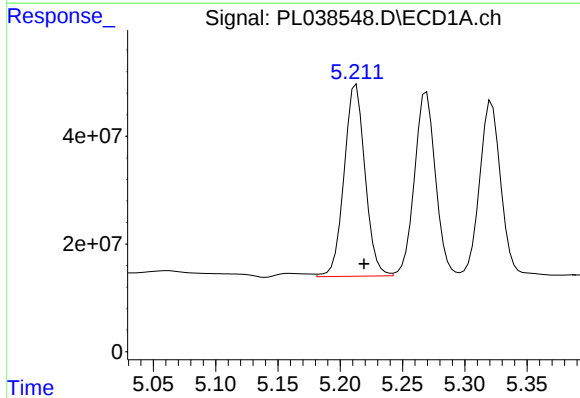
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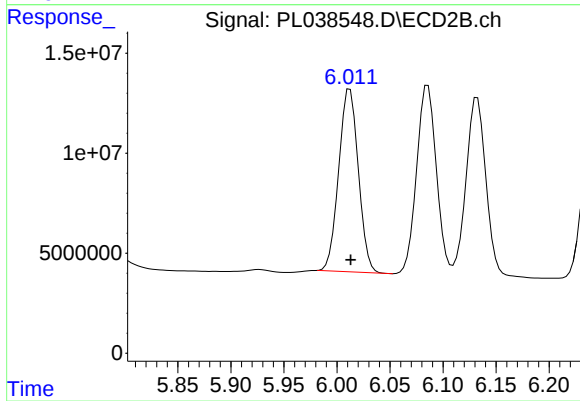
#9 Endosulfan I

R.T.: 6.132 min  
Delta R.T.: -0.001 min  
Response: 115840168  
Conc: 45.04 ng/ml



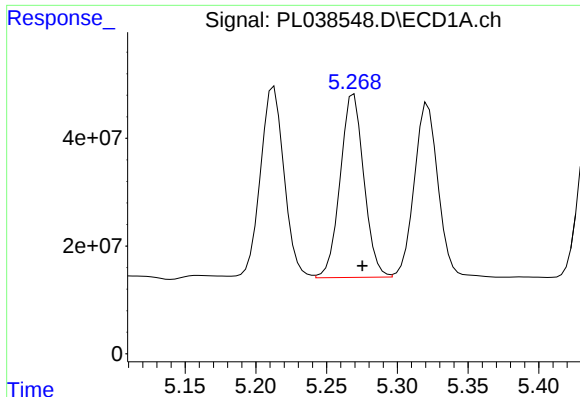
#10 gamma-Chlordane

R.T.: 5.213 min  
Delta R.T.: -0.006 min  
Response: 418391407  
Conc: 42.33 ng/ml



#10 gamma-Chlordane

R.T.: 6.012 min  
Delta R.T.: 0.000 min  
Response: 117596429  
Conc: 40.56 ng/ml



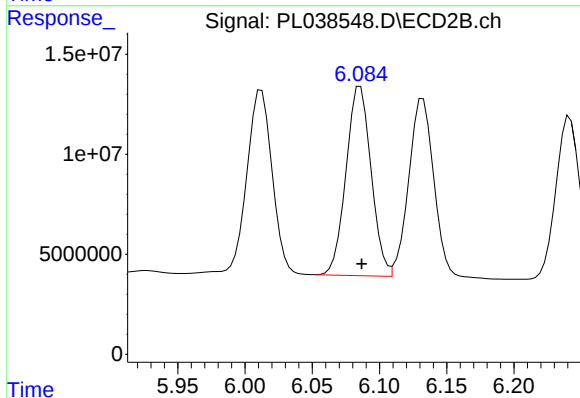
#11 alpha-Chlordane

R.T.: 5.269 min  
Delta R.T.: -0.006 min  
Response: 397569107  
Conc: 42.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-11-SMS

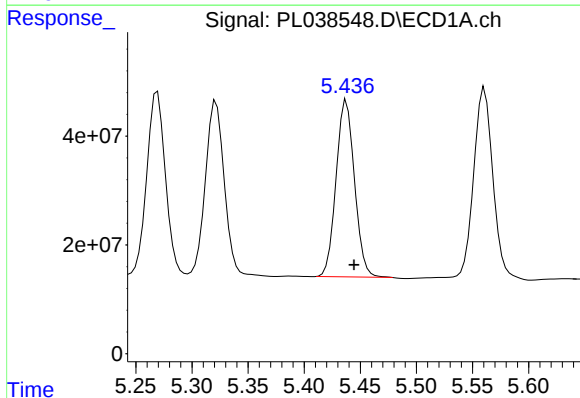
Manual Integrations  
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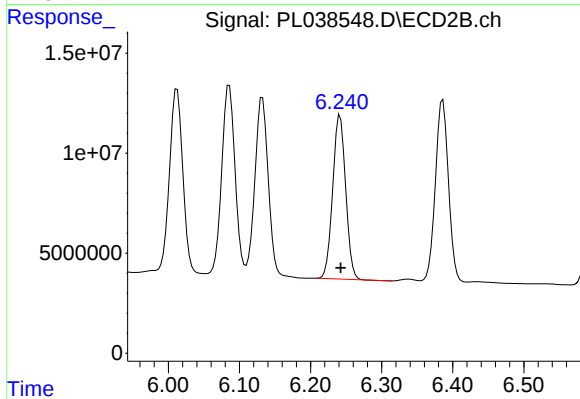
#11 alpha-Chlordane

R.T.: 6.086 min  
Delta R.T.: -0.001 min  
Response: 122543961  
Conc: 42.75 ng/ml



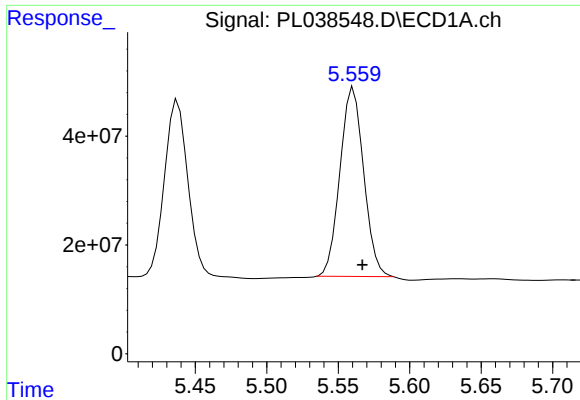
#12 4,4'-DDE

R.T.: 5.438 min  
Delta R.T.: -0.007 min  
Response: 371920107  
Conc: 38.79 ng/ml



#12 4,4'-DDE

R.T.: 6.241 min  
Delta R.T.: -0.001 min  
Response: 103743974  
Conc: 38.80 ng/ml



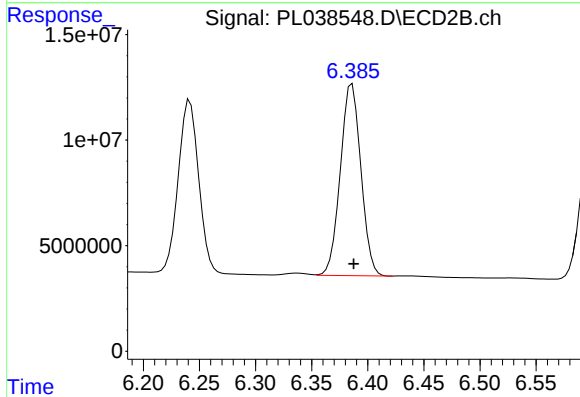
#13 Dieldrin

R.T.: 5.559 min  
Delta R.T.: -0.008 min  
Response: 401819726  
Conc: 41.81 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
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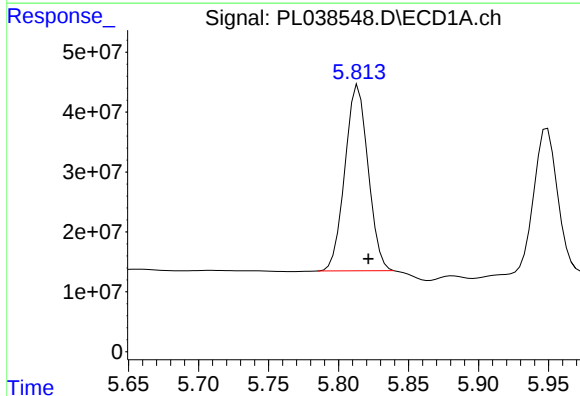
Manual Integrations  
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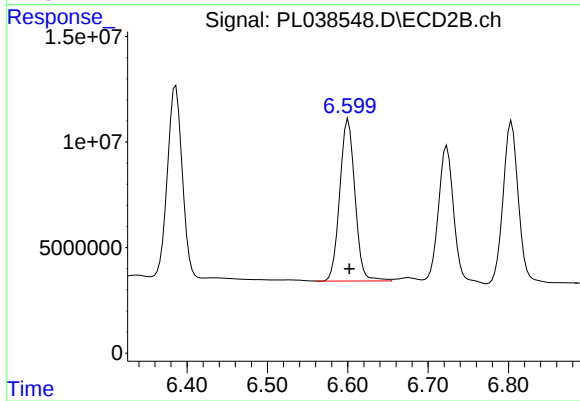
#13 Dieldrin

R.T.: 6.386 min  
Delta R.T.: -0.001 min  
Response: 115990579  
Conc: 42.62 ng/ml



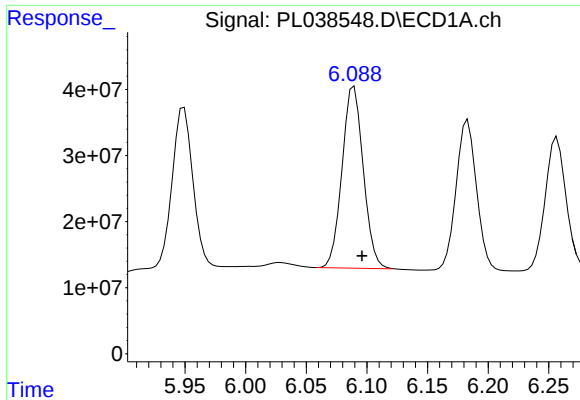
#14 Endrin

R.T.: 5.813 min  
Delta R.T.: -0.008 min  
Response: 357111040  
Conc: 41.10 ng/ml m



#14 Endrin

R.T.: 6.601 min  
Delta R.T.: -0.001 min  
Response: 100795967  
Conc: 42.21 ng/ml



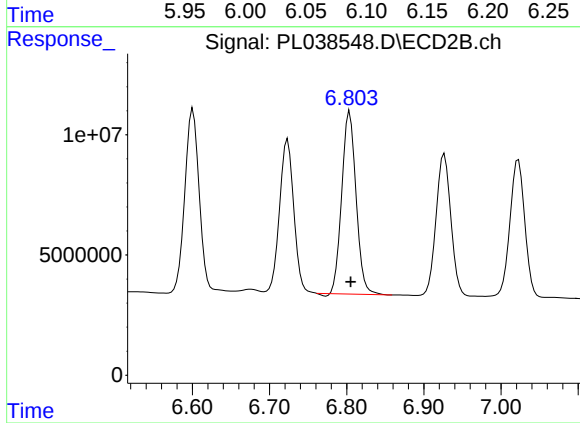
#15 Endosulfan II

R.T.: 6.088 min  
Delta R.T.: -0.008 min  
Response: 334528158  
Conc: 42.18 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
TP-11-SMS

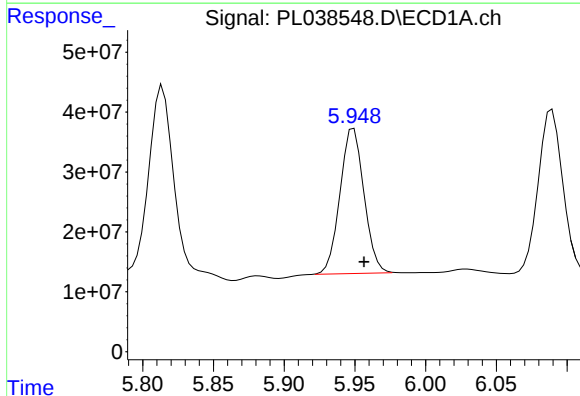
Manual Integrations  
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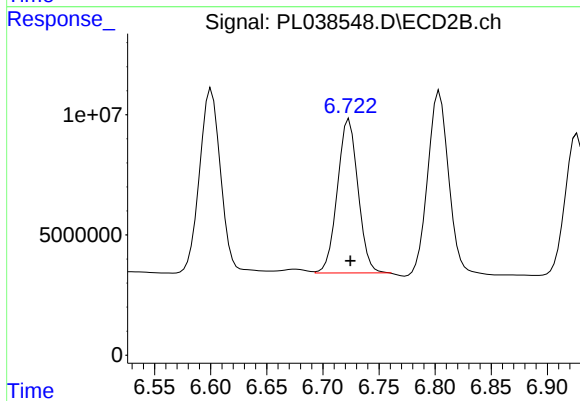
#15 Endosulfan II

R.T.: 6.804 min  
Delta R.T.: -0.001 min  
Response: 97393442  
Conc: 40.56 ng/ml



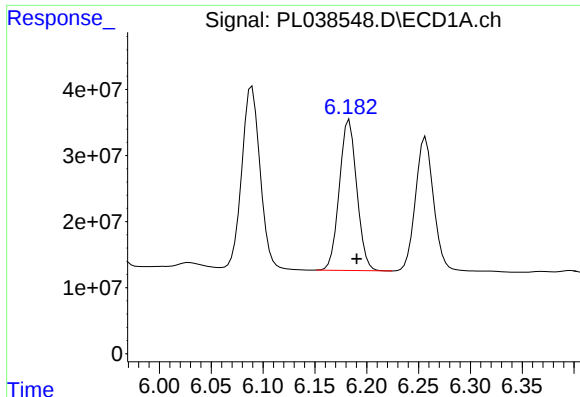
#16 4,4'-DDD

R.T.: 5.948 min  
Delta R.T.: -0.009 min  
Response: 286751230  
Conc: 39.09 ng/ml m



#16 4,4'-DDD

R.T.: 6.723 min  
Delta R.T.: -0.001 min  
Response: 81855569  
Conc: 38.24 ng/ml



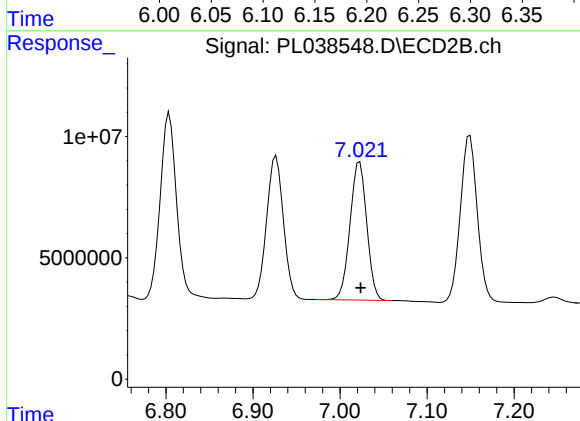
#17 4,4'-DDT

R.T.: 6.183 min  
Delta R.T.: -0.007 min  
Response: 267406173  
Conc: 36.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-11-SMS

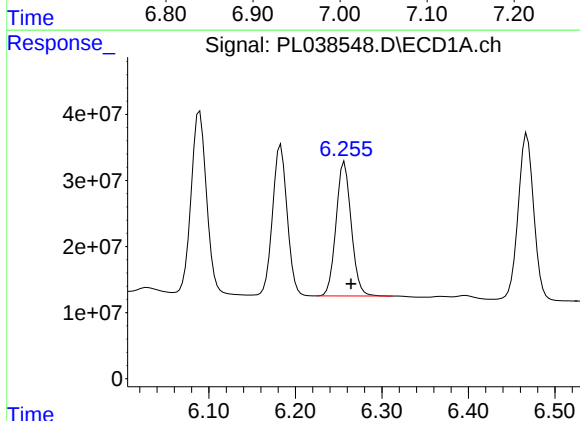
Manual Integrations  
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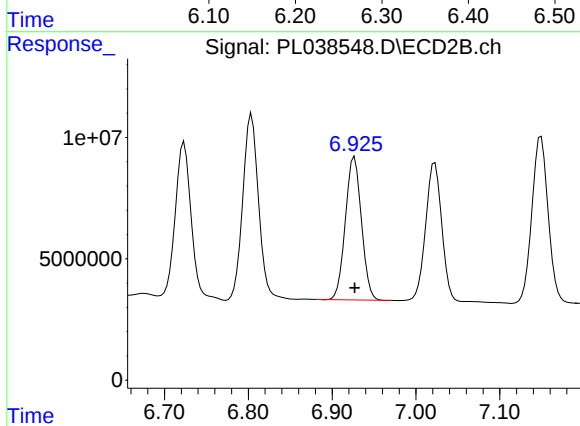
#17 4,4'-DDT

R.T.: 7.023 min  
Delta R.T.: -0.001 min  
Response: 76130085  
Conc: 35.71 ng/ml



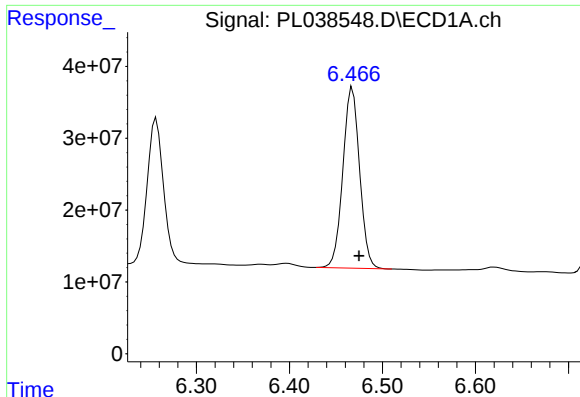
#18 Endrin aldehyde

R.T.: 6.257 min  
Delta R.T.: -0.007 min  
Response: 246080290  
Conc: 38.65 ng/ml



#18 Endrin aldehyde

R.T.: 6.927 min  
Delta R.T.: 0.000 min  
Response: 78653208  
Conc: 40.31 ng/ml



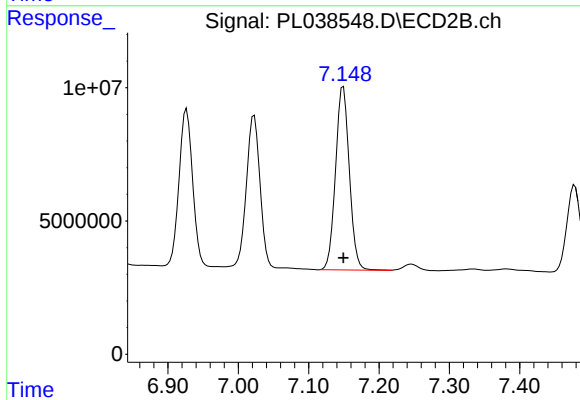
#19 Endosulfan Sulfate

R.T.: 6.468 min  
Delta R.T.: -0.007 min  
Response: 313983770  
Conc: 41.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-11-SMS

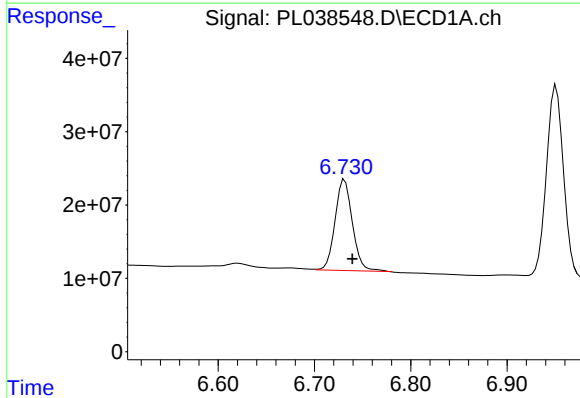
Manual Integrations  
APPROVED

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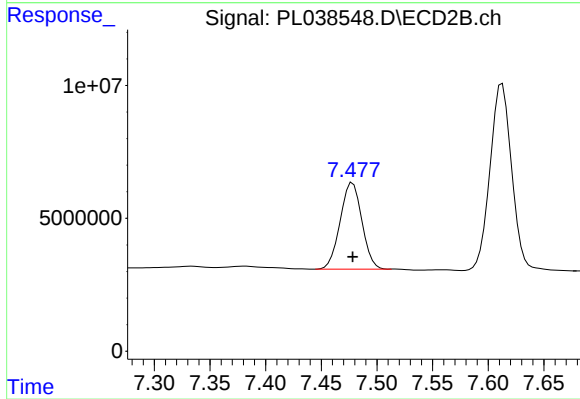
#19 Endosulfan Sulfate

R.T.: 7.149 min  
Delta R.T.: 0.000 min  
Response: 93762958  
Conc: 43.01 ng/ml



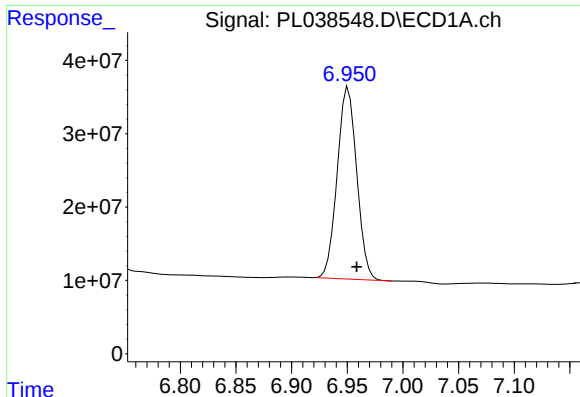
#20 Methoxychlor

R.T.: 6.731 min  
Delta R.T.: -0.008 min  
Response: 155177119  
Conc: 40.33 ng/ml



#20 Methoxychlor

R.T.: 7.478 min  
Delta R.T.: 0.000 min  
Response: 44200817  
Conc: 38.82 ng/ml



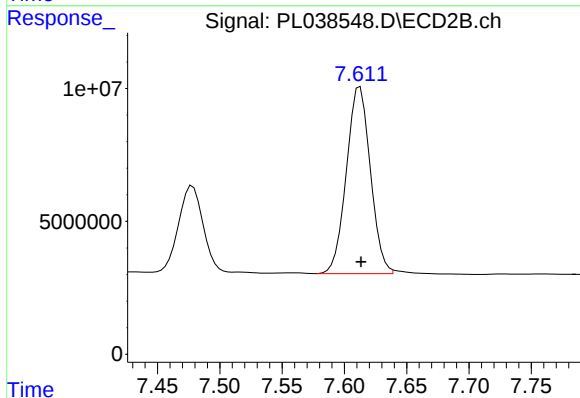
#21 Endrin ketone

R.T.: 6.951 min  
Delta R.T.: -0.008 min  
Response: 319081977  
Conc: 40.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-11-SMS

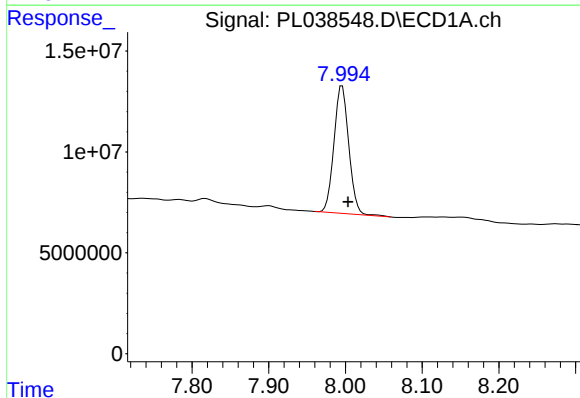
Manual Integrations  
APPROVED

Sohil  
7/26/2018 1:29:01 PM



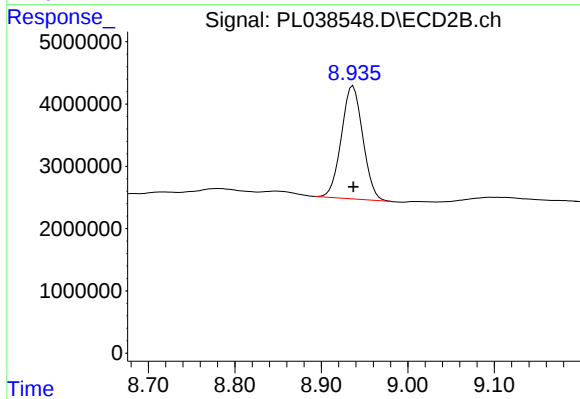
#21 Endrin ketone

R.T.: 7.611 min  
Delta R.T.: -0.002 min  
Response: 94455407  
Conc: 39.63 ng/ml m



#28 Decachlorobiphenyl

R.T.: 7.996 min  
Delta R.T.: -0.008 min  
Response: 84649869  
Conc: 11.16 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.937 min  
Delta R.T.: 0.000 min  
Response: 31003004  
Conc: 12.68 ng/ml