

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080118\  
 Data File : PL038744.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 01 Aug 2018 05:26  
 Operator : AJ\SJ  
 Sample : J3831-04MS  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 SU-03-072718MS

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 01 07:50:01 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... | 3.325 | 3.928 | 147.9E6 | 59778606 | 19.868  | 22.773   |
| 28)                         | SA Decachlor... | 7.992 | 8.935 | 150.6E6 | 56160268 | 19.847  | 22.975   |
| Target Compounds            |                 |       |       |         |          |         |          |
| 2)                          | A alpha-BHC     | 3.755 | 4.307 | 597.7E6 | 233.8E6  | 50.586  | 60.421   |
| 3)                          | MA gamma-BHC... | 4.030 | 4.587 | 541.1E6 | 209.1E6  | 51.617  | 57.895   |
| 4)                          | MA Heptachlor   | 4.313 | 5.097 | 545.4E6 | 206.8E6  | 51.275  | 64.686 # |
| 5)                          | MB Aldrin       | 4.551 | 5.399 | 541.7E6 | 193.1E6  | 51.749  | 62.571   |
| 6)                          | B beta-BHC      | 4.284 | 4.749 | 242.1E6 | 91086107 | 51.295  | 60.048   |
| 7)                          | B delta-BHC     | 4.478 | 4.963 | 572.4E6 | 210.0E6  | 52.732  | 63.319   |
| 8)                          | B Heptachlo...  | 4.989 | 5.779 | 490.1E6 | 175.0E6  | 51.984  | 61.565   |
| 9)                          | A Endosulfan I  | 5.319 | 6.131 | 470.3E6 | 152.3E6  | 54.368  | 59.201   |
| 10)                         | B gamma-Chl...  | 5.211 | 6.012 | 524.9E6 | 169.7E6  | 53.102  | 58.542   |
| 11)                         | B alpha-Chl...  | 5.267 | 6.085 | 506.1E6 | 169.6E6  | 53.466  | 59.172   |
| 12)                         | B 4,4'-DDE      | 5.436 | 6.241 | 501.2E6 | 161.3E6  | 52.272  | 60.332   |
| 13)                         | MA Dieldrin     | 5.559 | 6.385 | 523.3E6 | 165.0E6  | 54.452  | 60.634   |
| 14)                         | MA Endrin       | 5.813 | 6.599 | 475.8E6 | 142.6E6  | 54.765  | 59.702   |
| 15)                         | B Endosulfa...  | 6.086 | 6.803 | 444.8E6 | 140.6E6  | 56.089m | 58.544   |
| 16)                         | A 4,4'-DDD      | 5.948 | 6.723 | 421.1E6 | 124.2E6  | 57.405  | 58.012   |
| 17)                         | MA 4,4'-DDT     | 6.181 | 7.021 | 395.6E6 | 121.6E6  | 53.247  | 57.019   |
| 18)                         | B Endrin al...  | 6.255 | 6.926 | 352.2E6 | 119.1E6  | 55.319  | 61.023   |
| 19)                         | B Endosulfa...  | 6.466 | 7.148 | 436.2E6 | 131.2E6  | 57.745  | 60.205   |
| 20)                         | A Methoxychlor  | 6.730 | 7.477 | 211.2E6 | 66520365 | 54.897  | 58.420   |
| 21)                         | B Endrin ke...  | 6.949 | 7.610 | 443.1E6 | 138.0E6  | 56.479  | 57.889m  |
| -----                       |                 |       |       |         |          |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080118\  
Data File : PL038744.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 01 Aug 2018 05:26  
Operator : AJ\SJ  
Sample : J3831-04MS  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

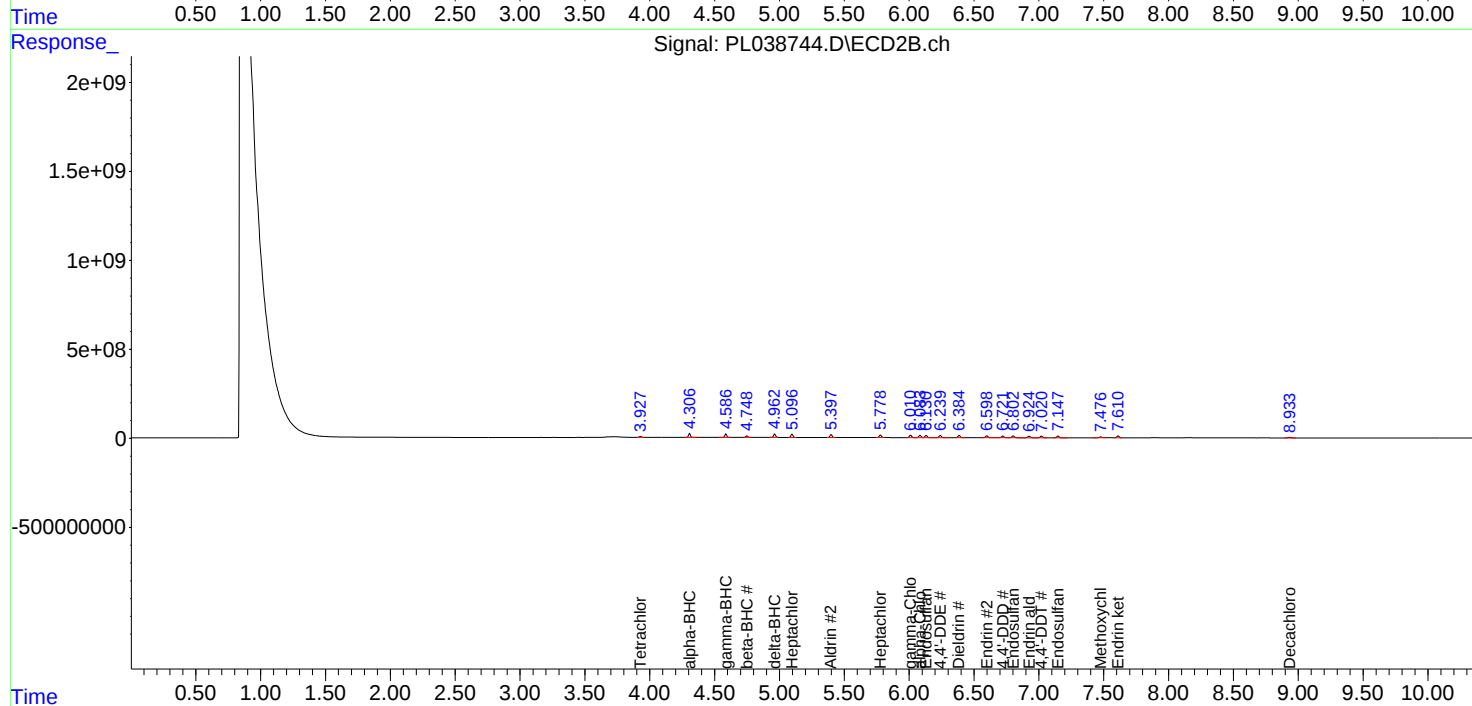
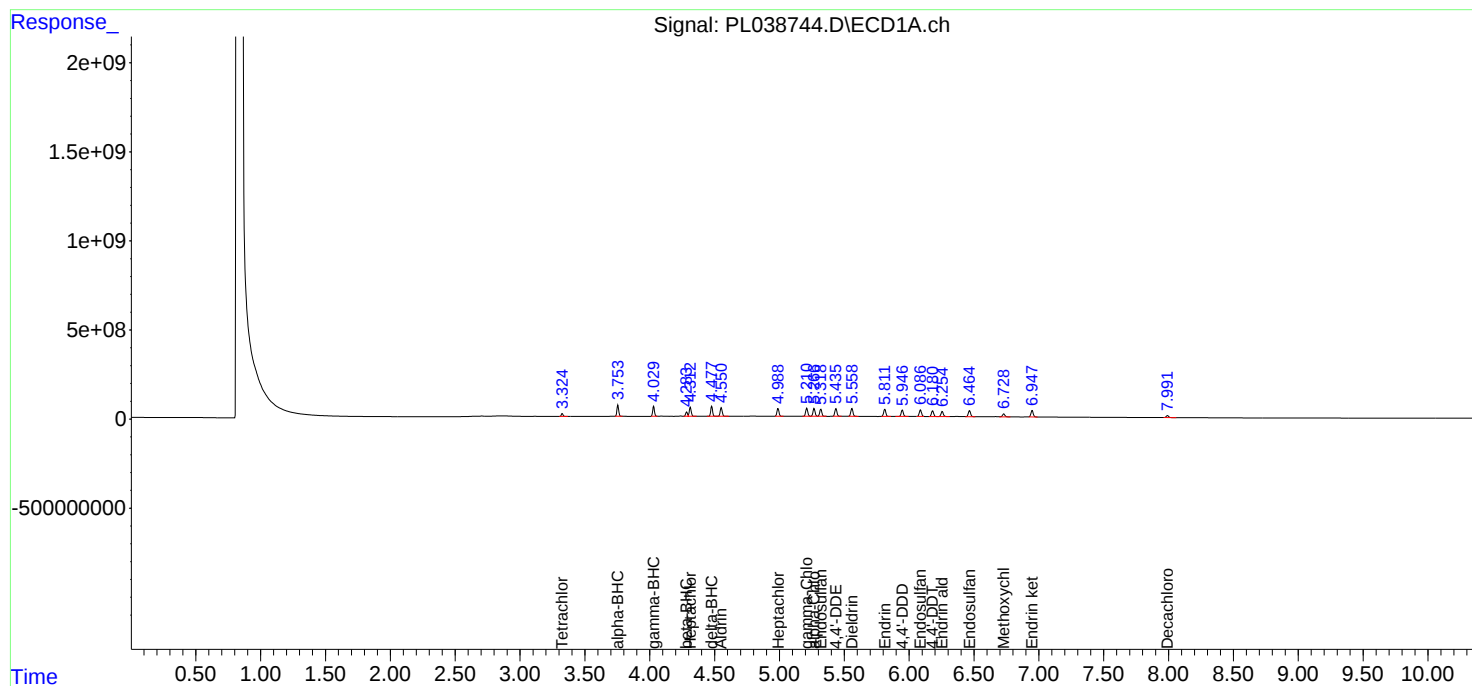
Instrument :  
ECD\_L  
ClientSampleId :  
SU-03-072718MS

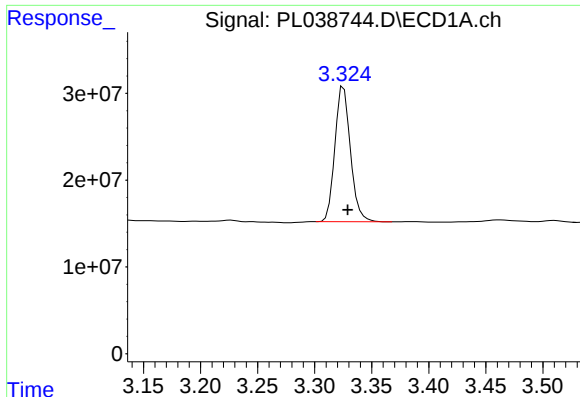
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 01 07:50:01 2018  
Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD\_L\methods\PL071318.M  
Quant Title : GC Extractables  
QLast Update : Sat Jul 14 00:12:12 2018  
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





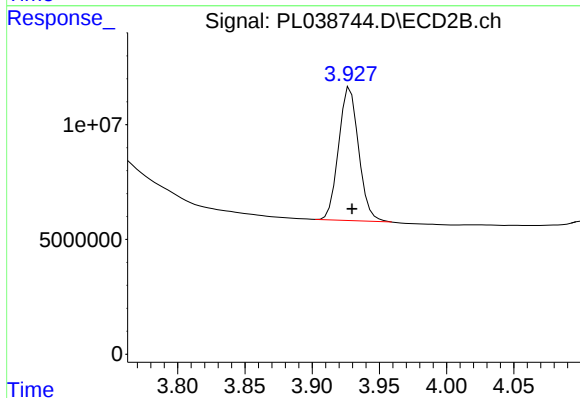
#1 Tetrachloro-m-xylene

R.T.: 3.325 min  
Delta R.T.: -0.004 min  
Response: 147941756  
Conc: 19.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SU-03-072718MS

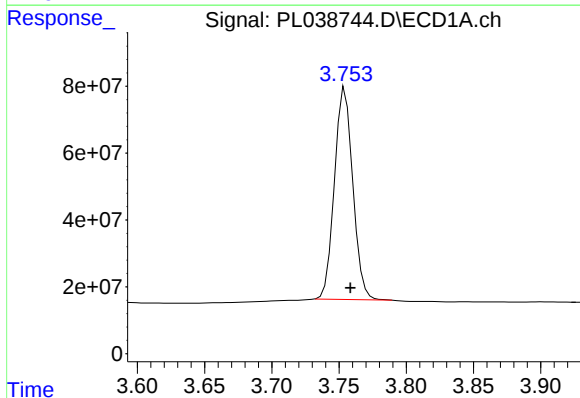
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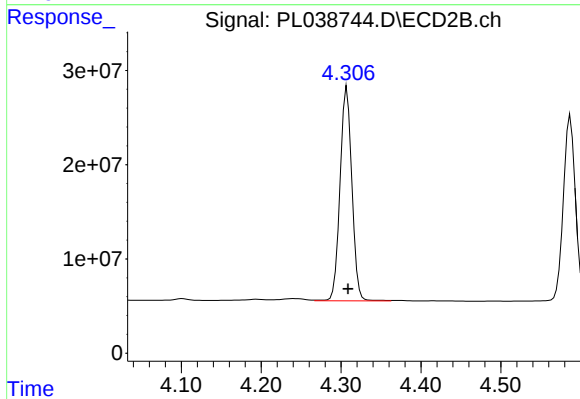
#1 Tetrachloro-m-xylene

R.T.: 3.928 min  
Delta R.T.: -0.001 min  
Response: 59778606  
Conc: 22.77 ng/ml



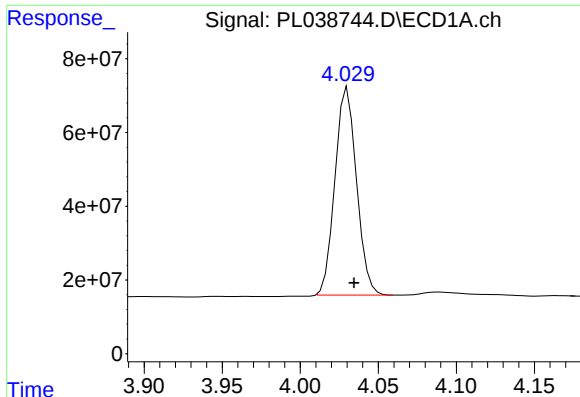
#2 alpha-BHC

R.T.: 3.755 min  
Delta R.T.: -0.004 min  
Response: 597691939  
Conc: 50.59 ng/ml



#2 alpha-BHC

R.T.: 4.307 min  
Delta R.T.: -0.001 min  
Response: 233837076  
Conc: 60.42 ng/ml



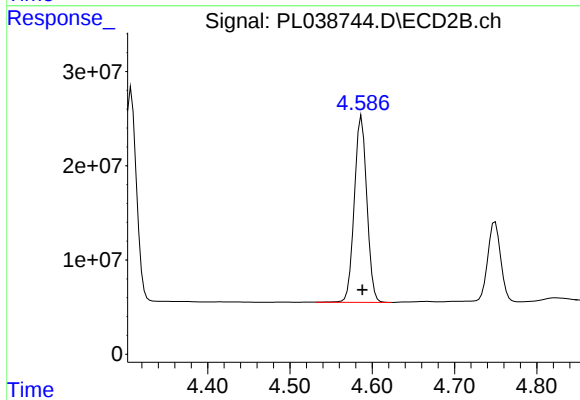
#3 gamma-BHC (Lindane)

R.T.: 4.030 min  
Delta R.T.: -0.004 min  
Response: 541147931  
Conc: 51.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SU-03-072718MS

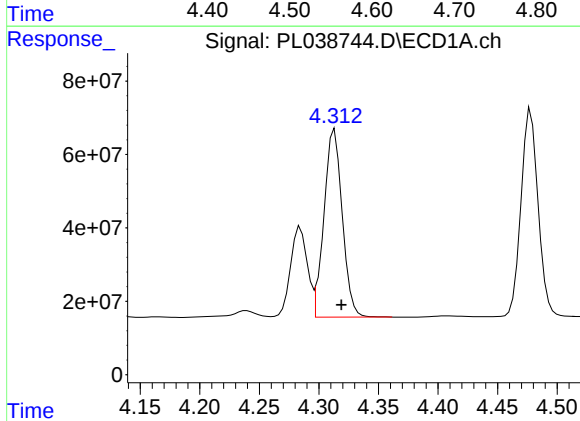
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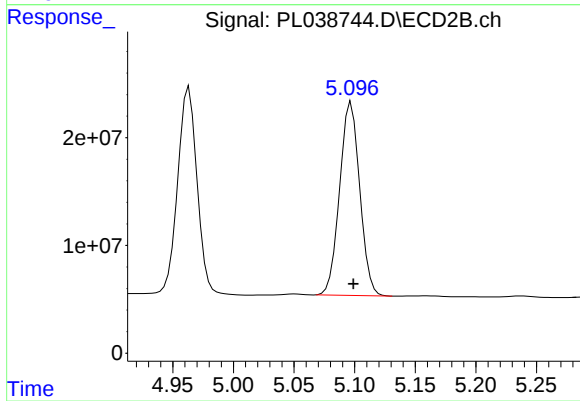
#3 gamma-BHC (Lindane)

R.T.: 4.587 min  
Delta R.T.: -0.001 min  
Response: 209104808  
Conc: 57.90 ng/ml



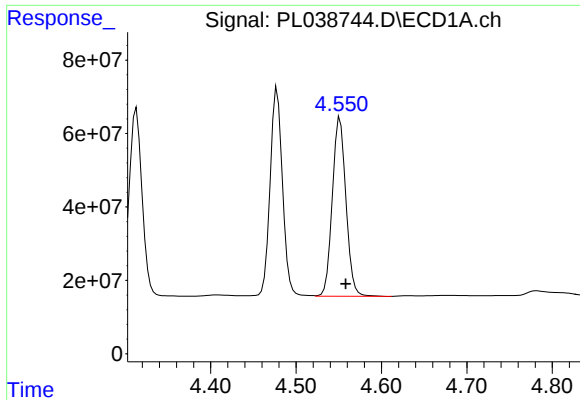
#4 Heptachlor

R.T.: 4.313 min  
Delta R.T.: -0.006 min  
Response: 545429117  
Conc: 51.27 ng/ml



#4 Heptachlor

R.T.: 5.097 min  
Delta R.T.: -0.002 min  
Response: 206752021  
Conc: 64.69 ng/ml



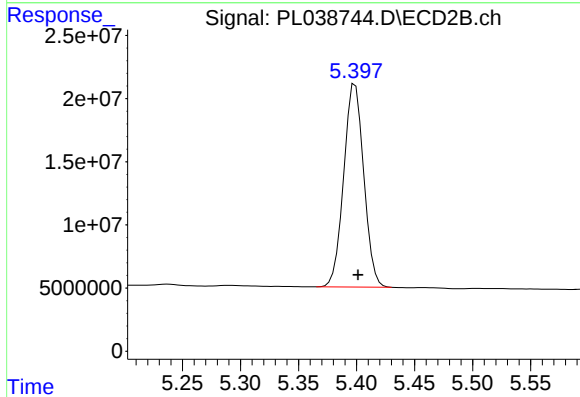
#5 Aldrin

R.T.: 4.551 min  
Delta R.T.: -0.007 min  
Response: 541676934  
Conc: 51.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SU-03-072718MS

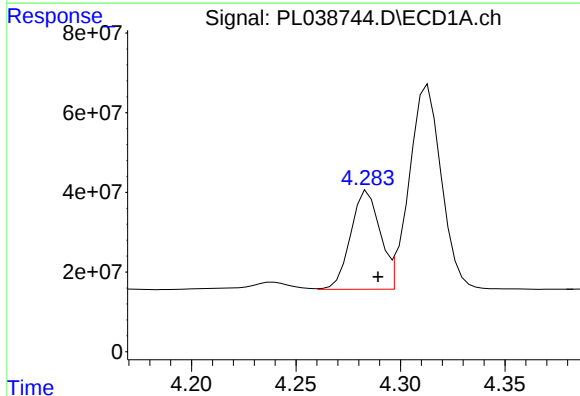
Manual Integrations  
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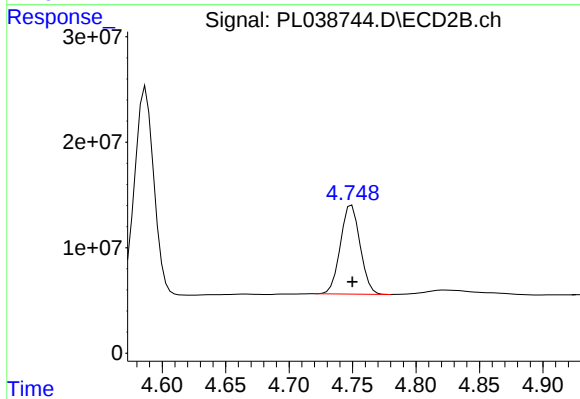
#5 Aldrin

R.T.: 5.399 min  
Delta R.T.: -0.002 min  
Response: 193107812  
Conc: 62.57 ng/ml



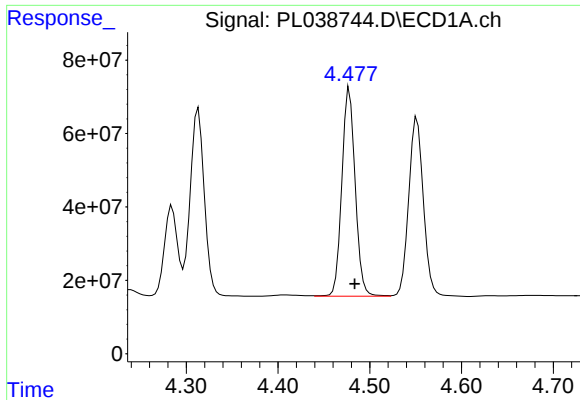
#6 beta-BHC

R.T.: 4.284 min  
Delta R.T.: -0.005 min  
Response: 242130320  
Conc: 51.30 ng/ml



#6 beta-BHC

R.T.: 4.749 min  
Delta R.T.: 0.000 min  
Response: 91086107  
Conc: 60.05 ng/ml



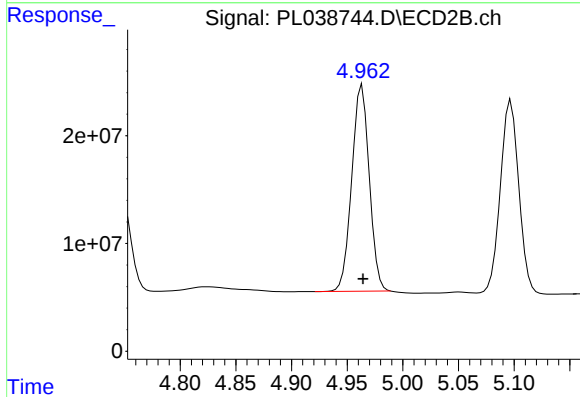
#7 delta-BHC

R.T.: 4.478 min  
Delta R.T.: -0.006 min  
Response: 572359152  
Conc: 52.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SU-03-072718MS

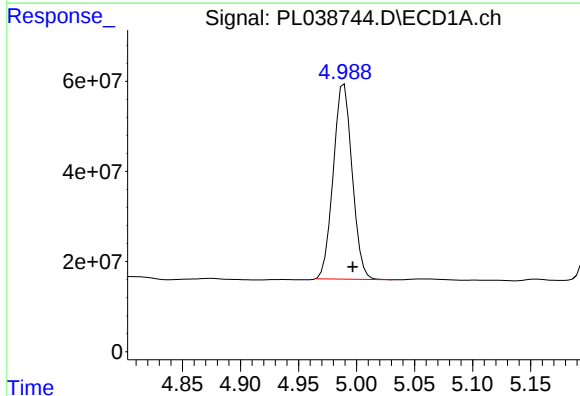
Manual Integrations  
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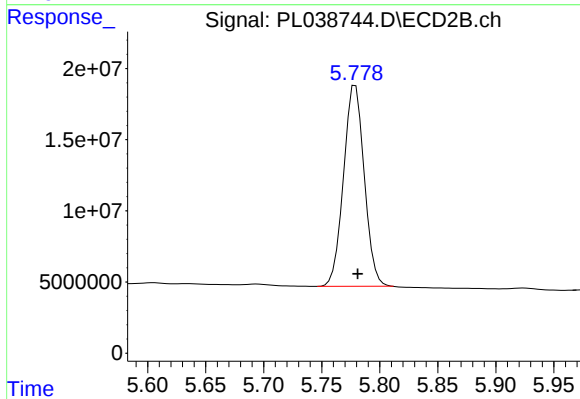
#7 delta-BHC

R.T.: 4.963 min  
Delta R.T.: 0.000 min  
Response: 210005245  
Conc: 63.32 ng/ml



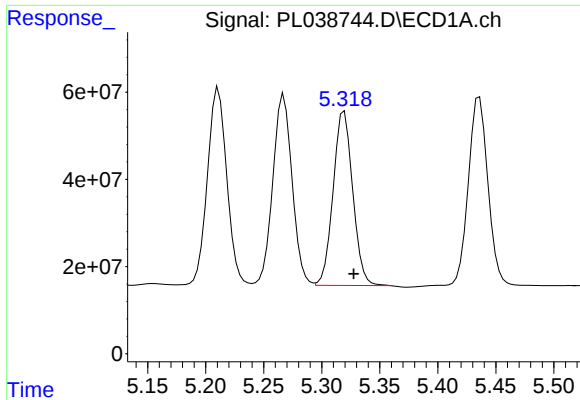
#8 Heptachlor epoxide

R.T.: 4.989 min  
Delta R.T.: -0.007 min  
Response: 490131579  
Conc: 51.98 ng/ml



#8 Heptachlor epoxide

R.T.: 5.779 min  
Delta R.T.: -0.002 min  
Response: 174962808  
Conc: 61.57 ng/ml



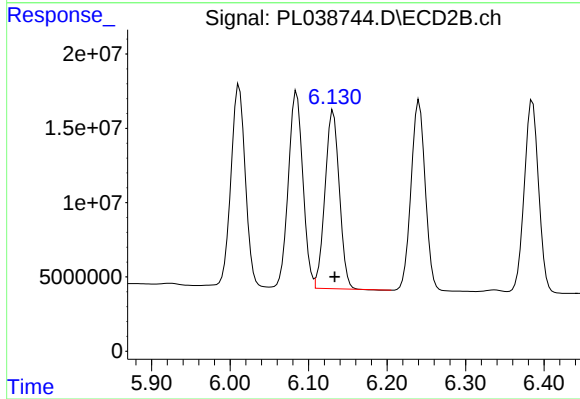
#9 Endosulfan I

R.T.: 5.319 min  
Delta R.T.: -0.008 min  
Response: 470263267  
Conc: 54.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SU-03-072718MS

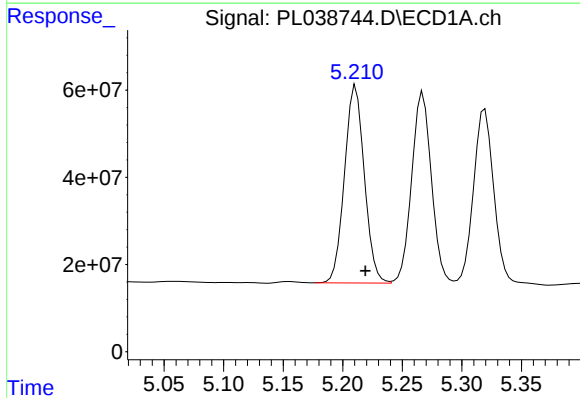
Manual Integrations  
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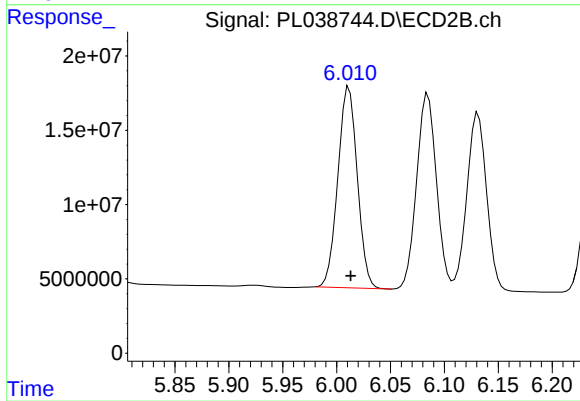
#9 Endosulfan I

R.T.: 6.131 min  
Delta R.T.: -0.002 min  
Response: 152252176  
Conc: 59.20 ng/ml



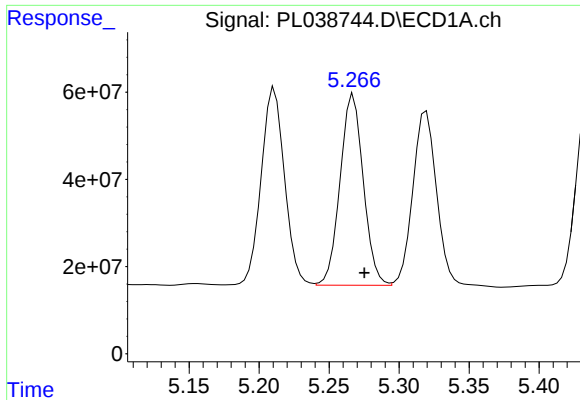
#10 gamma-Chlordane

R.T.: 5.211 min  
Delta R.T.: -0.008 min  
Response: 524863273  
Conc: 53.10 ng/ml



#10 gamma-Chlordane

R.T.: 6.012 min  
Delta R.T.: -0.002 min  
Response: 169725845  
Conc: 58.54 ng/ml



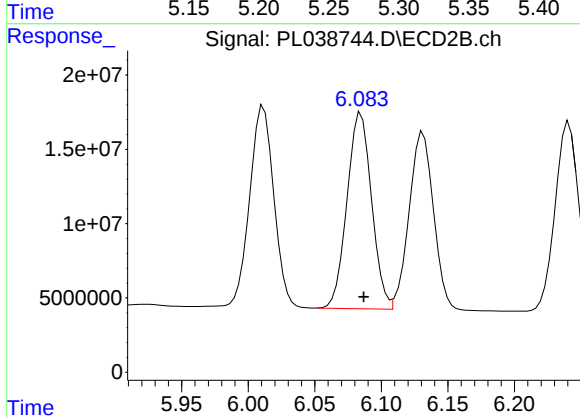
#11 alpha-Chlordane

R.T.: 5.267 min  
Delta R.T.: -0.008 min  
Response: 506092600  
Conc: 53.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SU-03-072718MS

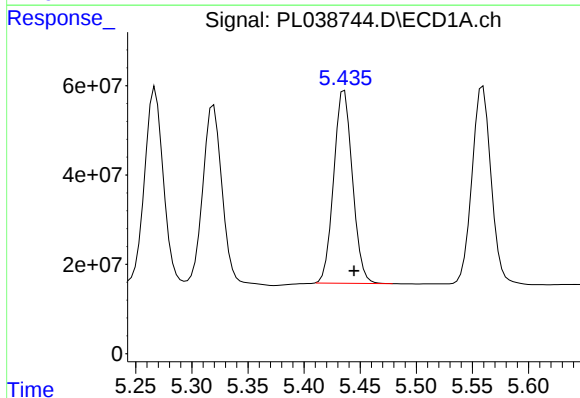
Manual Integrations  
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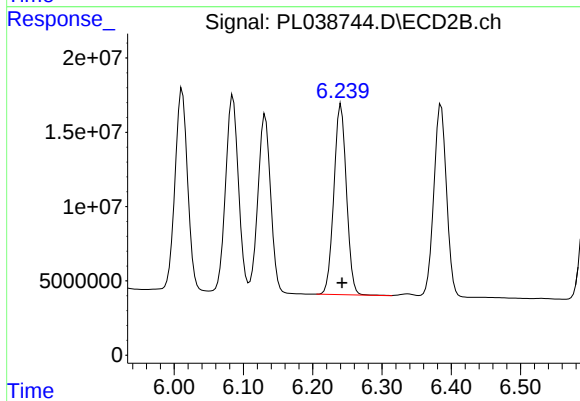
#11 alpha-Chlordane

R.T.: 6.085 min  
Delta R.T.: -0.002 min  
Response: 169600732  
Conc: 59.17 ng/ml



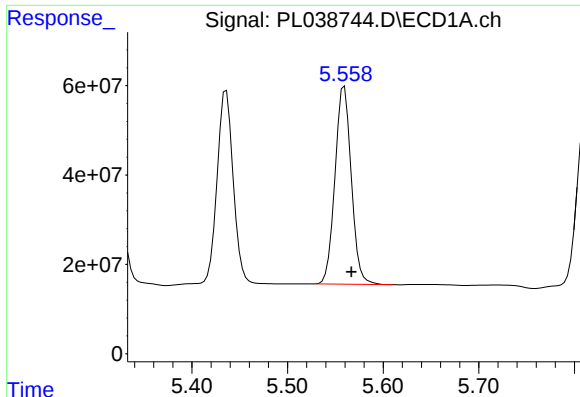
#12 4,4'-DDE

R.T.: 5.436 min  
Delta R.T.: -0.009 min  
Response: 501173356  
Conc: 52.27 ng/ml



#12 4,4'-DDE

R.T.: 6.241 min  
Delta R.T.: -0.002 min  
Response: 161331654  
Conc: 60.33 ng/ml



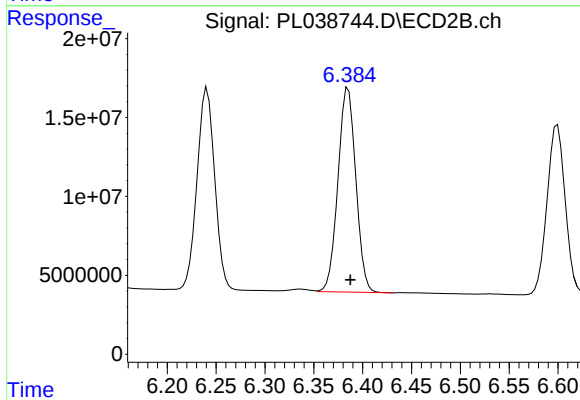
#13 Dieldrin

R.T.: 5.559 min  
Delta R.T.: -0.008 min  
Response: 523298245  
Conc: 54.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SU-03-072718MS

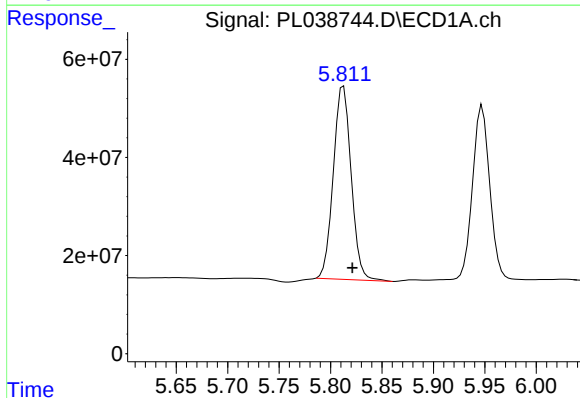
Manual Integrations  
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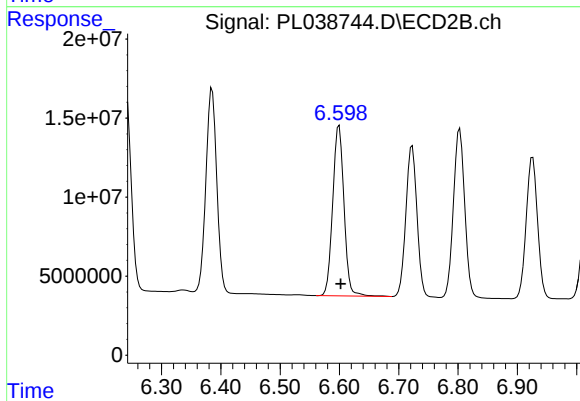
#13 Dieldrin

R.T.: 6.385 min  
Delta R.T.: -0.002 min  
Response: 165033006  
Conc: 60.63 ng/ml



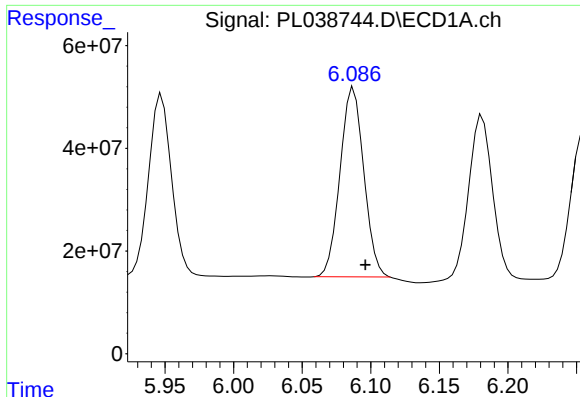
#14 Endrin

R.T.: 5.813 min  
Delta R.T.: -0.009 min  
Response: 475823456  
Conc: 54.77 ng/ml



#14 Endrin

R.T.: 6.599 min  
Delta R.T.: -0.002 min  
Response: 142576058  
Conc: 59.70 ng/ml



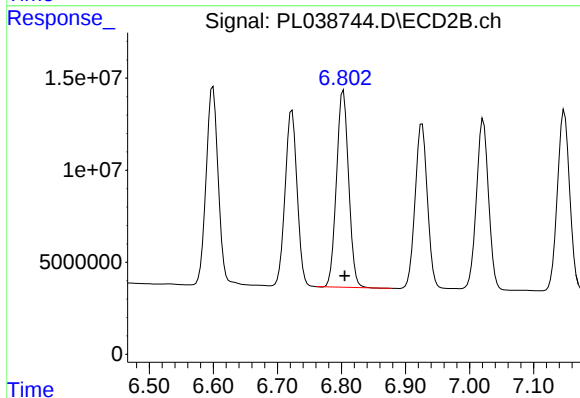
#15 Endosulfan II

R.T.: 6.086 min  
Delta R.T.: -0.010 min  
Response: 444794231  
Conc: 56.09 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
SU-03-072718MS

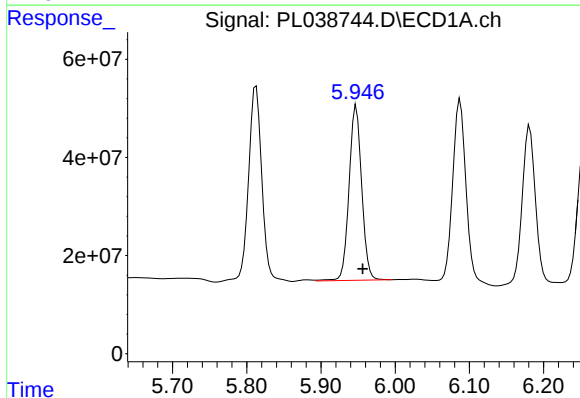
Manual Integrations  
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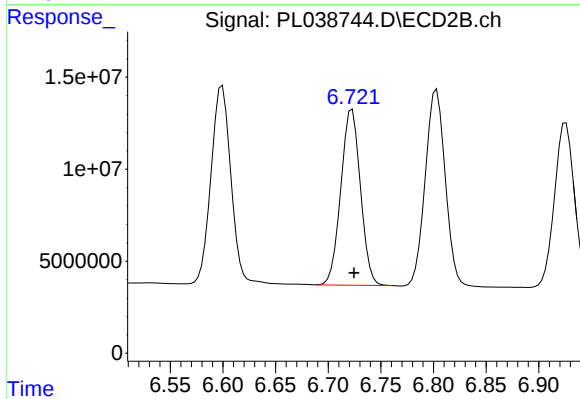
#15 Endosulfan II

R.T.: 6.803 min  
Delta R.T.: -0.002 min  
Response: 140587346  
Conc: 58.54 ng/ml



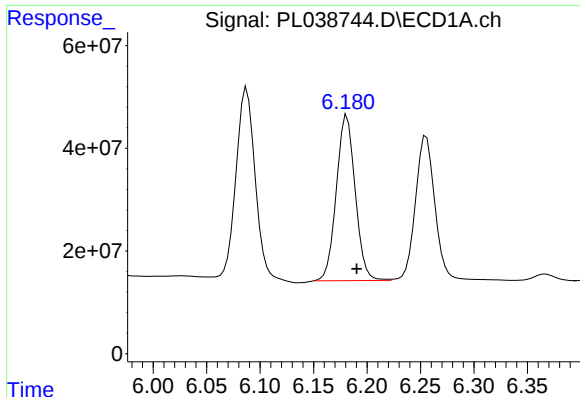
#16 4,4'-DDD

R.T.: 5.948 min  
Delta R.T.: -0.009 min  
Response: 421103720  
Conc: 57.41 ng/ml



#16 4,4'-DDD

R.T.: 6.723 min  
Delta R.T.: -0.002 min  
Response: 124169998  
Conc: 58.01 ng/ml



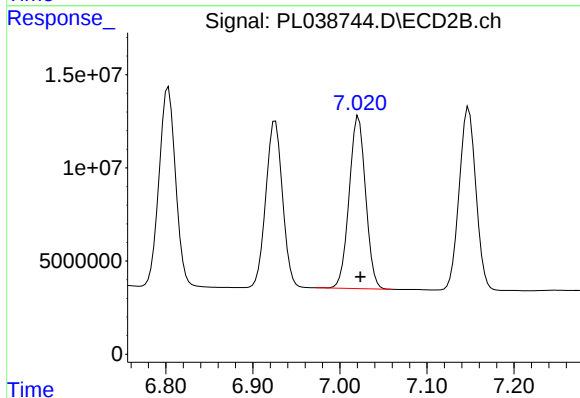
#17 4,4'-DDT

R.T.: 6.181 min  
Delta R.T.: -0.009 min  
Response: 395558646  
Conc: 53.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SU-03-072718MS

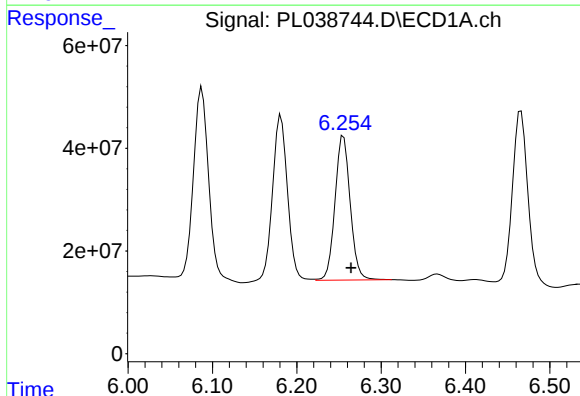
Manual Integrations  
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8/2/2018 5:38:39 PM



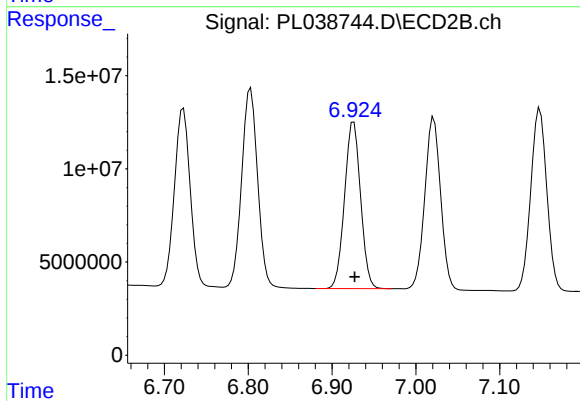
#17 4,4'-DDT

R.T.: 7.021 min  
Delta R.T.: -0.002 min  
Response: 121567003  
Conc: 57.02 ng/ml



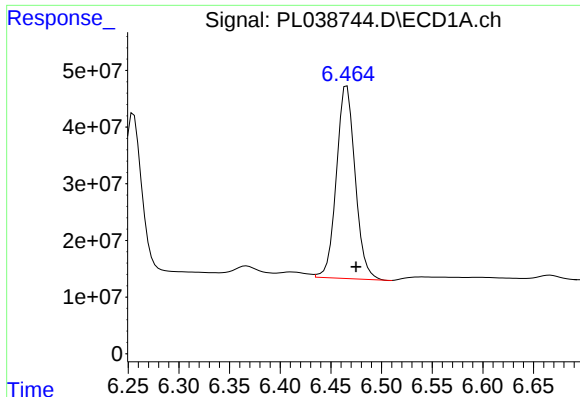
#18 Endrin aldehyde

R.T.: 6.255 min  
Delta R.T.: -0.009 min  
Response: 352249214  
Conc: 55.32 ng/ml



#18 Endrin aldehyde

R.T.: 6.926 min  
Delta R.T.: -0.001 min  
Response: 119077874  
Conc: 61.02 ng/ml



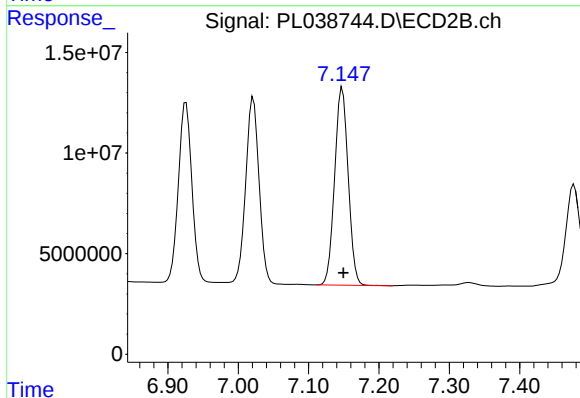
#19 Endosulfan Sulfate

R.T.: 6.466 min  
Delta R.T.: -0.009 min  
Response: 436167718  
Conc: 57.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SU-03-072718MS

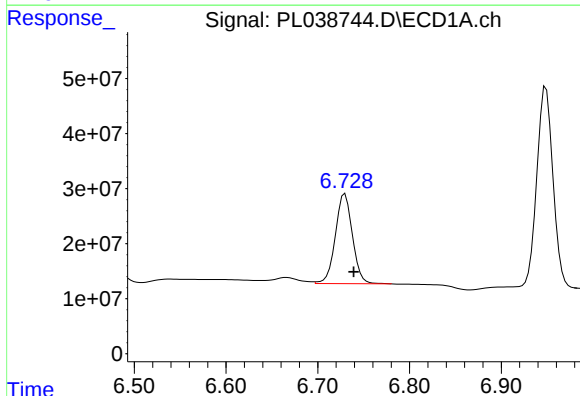
Manual Integrations  
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8/2/2018 5:38:39 PM



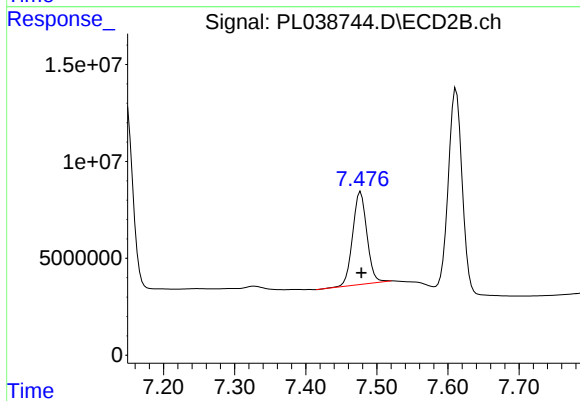
#19 Endosulfan Sulfate

R.T.: 7.148 min  
Delta R.T.: -0.002 min  
Response: 131233356  
Conc: 60.20 ng/ml



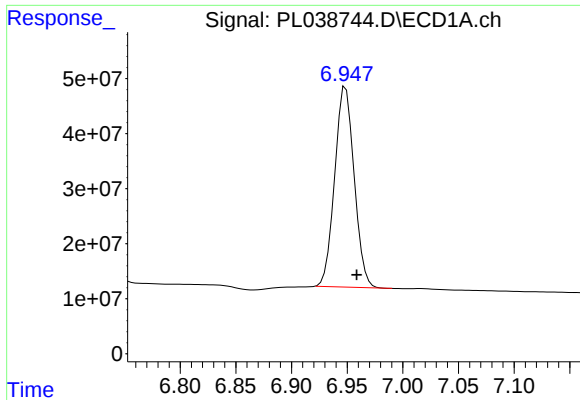
#20 Methoxychlor

R.T.: 6.730 min  
Delta R.T.: -0.010 min  
Response: 211216301  
Conc: 54.90 ng/ml



#20 Methoxychlor

R.T.: 7.477 min  
Delta R.T.: -0.001 min  
Response: 66520365  
Conc: 58.42 ng/ml



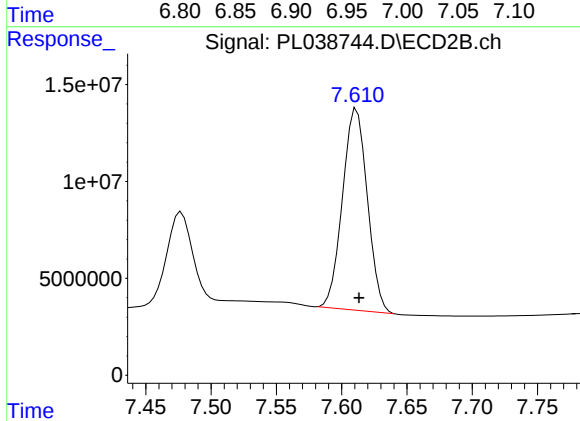
#21 Endrin ketone

R.T.: 6.949 min  
Delta R.T.: -0.010 min  
Response: 44313331  
Conc: 56.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SU-03-072718MS

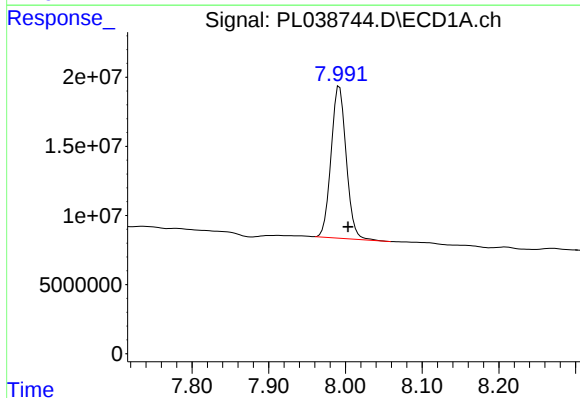
Manual Integrations  
APPROVED

Sohil  
8/2/2018 5:38:39 PM



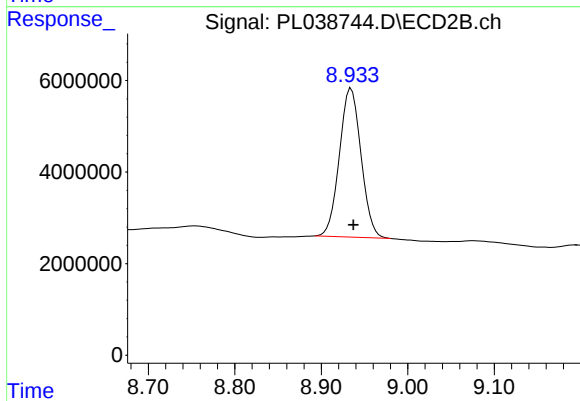
#21 Endrin ketone

R.T.: 7.610 min  
Delta R.T.: -0.003 min  
Response: 137980860  
Conc: 57.89 ng/ml m



#28 Decachlorobiphenyl

R.T.: 7.992 min  
Delta R.T.: -0.011 min  
Response: 150556893  
Conc: 19.85 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.935 min  
Delta R.T.: -0.003 min  
Response: 56160268  
Conc: 22.97 ng/ml