

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072418\  
 Data File : PL038473.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Jul 2018 11:57  
 Operator : AJ\SJ  
 Sample : J4109-08MS  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 SB-10(10-12)MS

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 25 03:52:48 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... | 3.327 | 3.928 | 151.2E6 | 59299206 | 20.302  | 22.591   |
| 28)                         | SA Decachlor... | 7.995 | 8.935 | 100.7E6 | 38055123 | 13.274  | 15.568   |
| Target Compounds            |                 |       |       |         |          |         |          |
| 2)                          | A alpha-BHC     | 3.756 | 4.307 | 715.5E6 | 274.3E6  | 60.560  | 70.871   |
| 3)                          | MA gamma-BHC... | 4.032 | 4.587 | 633.4E6 | 245.5E6  | 60.415  | 67.979   |
| 4)                          | MA Heptachlor   | 4.316 | 5.097 | 581.4E6 | 220.2E6  | 54.656  | 68.887 # |
| 5)                          | MB Aldrin       | 4.554 | 5.399 | 559.9E6 | 199.4E6  | 53.492  | 64.613   |
| 6)                          | B beta-BHC      | 4.286 | 4.749 | 281.5E6 | 101.3E6  | 59.626  | 66.800   |
| 7)                          | B delta-BHC     | 4.480 | 4.963 | 643.6E6 | 236.4E6  | 59.295  | 71.271   |
| 8)                          | B Heptachlo...  | 4.991 | 5.779 | 543.6E6 | 187.3E6  | 57.660  | 65.891   |
| 9)                          | A Endosulfan I  | 5.322 | 6.131 | 446.8E6 | 164.6E6  | 51.658  | 64.008   |
| 10)                         | B gamma-Chl...  | 5.212 | 6.011 | 530.6E6 | 176.4E6  | 53.684m | 60.843   |
| 11)                         | B alpha-Chl...  | 5.270 | 6.085 | 517.1E6 | 177.6E6  | 54.628  | 61.957   |
| 12)                         | B 4,4'-DDE      | 5.437 | 6.240 | 489.0E6 | 145.6E6  | 51.005m | 54.448   |
| 13)                         | MA Dieldrin     | 5.560 | 6.385 | 527.0E6 | 171.3E6  | 54.834m | 62.945   |
| 14)                         | MA Endrin       | 5.813 | 6.598 | 491.8E6 | 140.4E6  | 56.609m | 58.772m  |
| 15)                         | B Endosulfa...  | 6.088 | 6.803 | 457.3E6 | 143.8E6  | 57.672m | 59.894   |
| 16)                         | A 4,4'-DDD      | 5.948 | 6.722 | 409.6E6 | 128.7E6  | 55.836m | 60.126   |
| 17)                         | MA 4,4'-DDT     | 6.183 | 7.022 | 355.5E6 | 112.6E6  | 47.851  | 52.821   |
| 18)                         | B Endrin al...  | 6.257 | 6.925 | 345.7E6 | 118.2E6  | 54.283  | 60.592   |
| 19)                         | B Endosulfa...  | 6.468 | 7.148 | 415.8E6 | 135.2E6  | 55.051  | 62.003   |
| 20)                         | A Methoxychlor  | 6.732 | 7.476 | 195.2E6 | 62231115 | 50.735  | 54.653m  |
| 21)                         | B Endrin ke...  | 6.951 | 7.611 | 447.0E6 | 141.5E6  | 56.968  | 59.364   |
| -----                       |                 |       |       |         |          |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072418\  
Data File : PL038473.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 Jul 2018 11:57  
Operator : AJ\SJ  
Sample : J4109-08MS  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

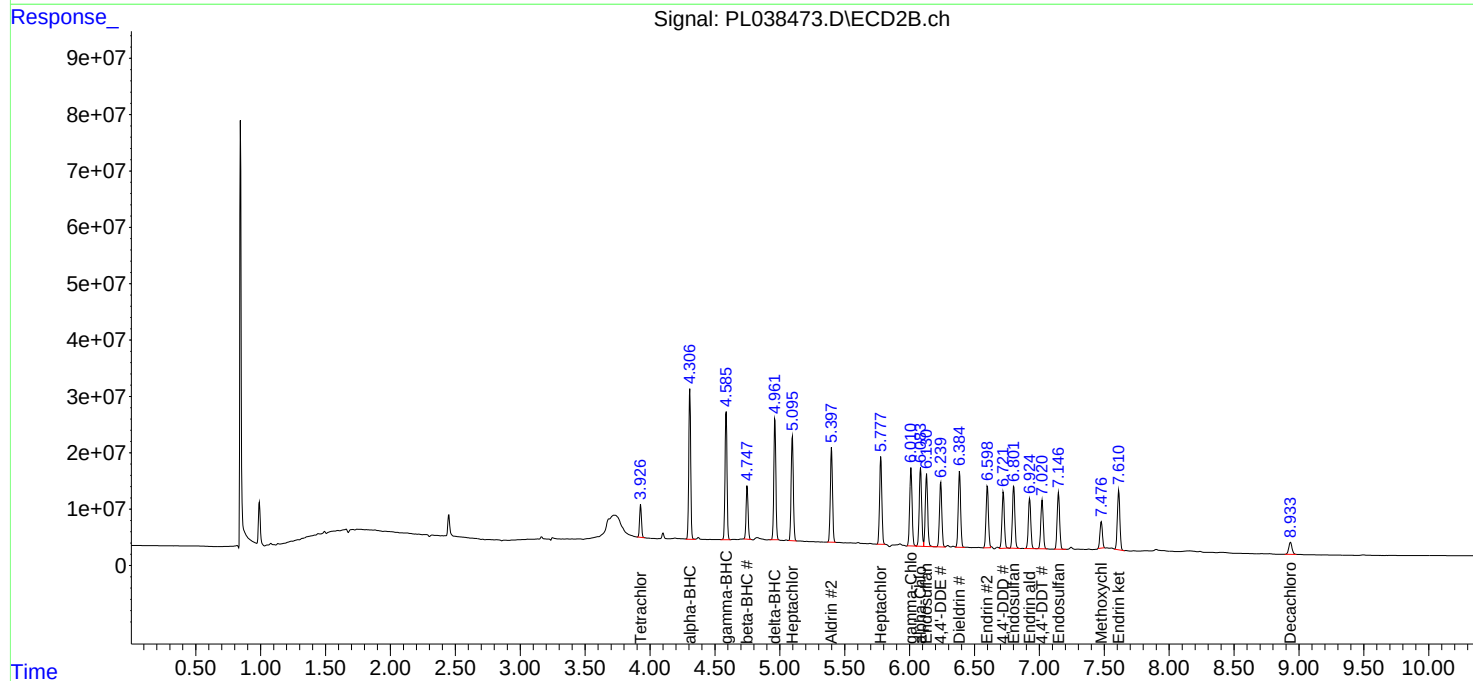
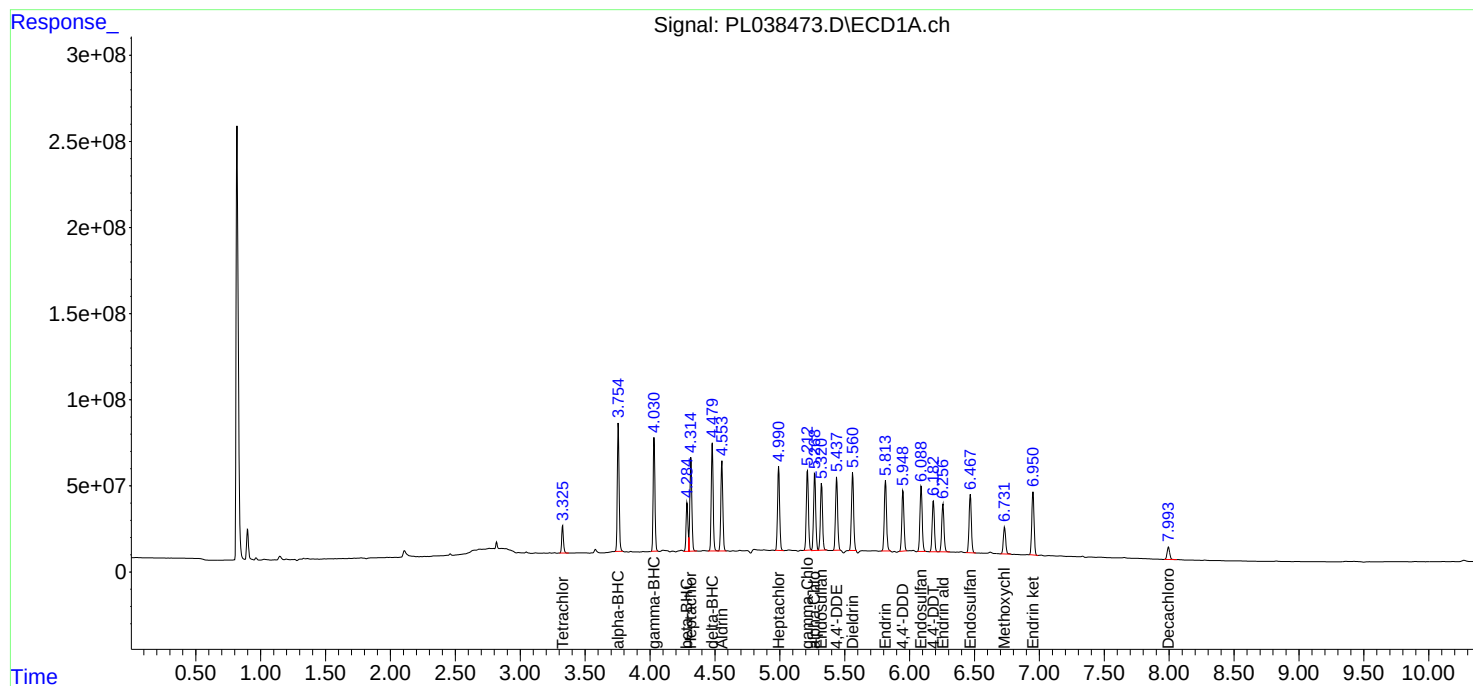
Instrument :  
ECD\_L  
ClientSampled :  
SB-10(10-12)MS

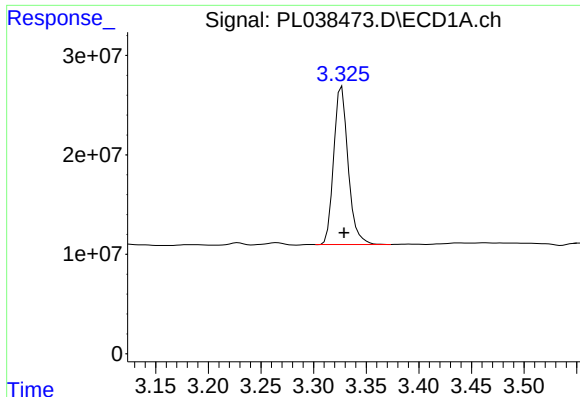
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 25 03:52:48 2018  
Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD\_L\methods\PL071318.M  
Quant Title : GC Extractables  
QLast Update : Sat Jul 14 00:12:12 2018  
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





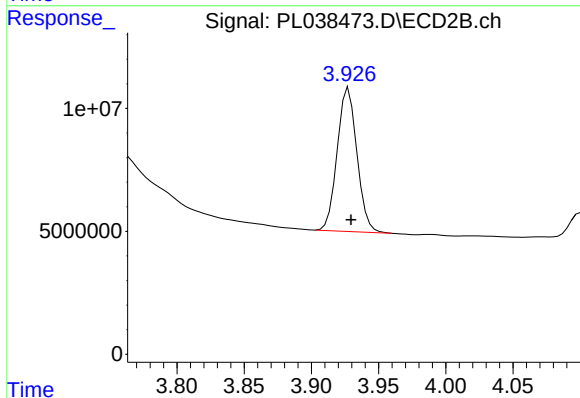
#1 Tetrachloro-m-xylene

R.T.: 3.327 min  
Delta R.T.: -0.002 min  
Response: 151175527  
Conc: 20.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-10(10-12)MS

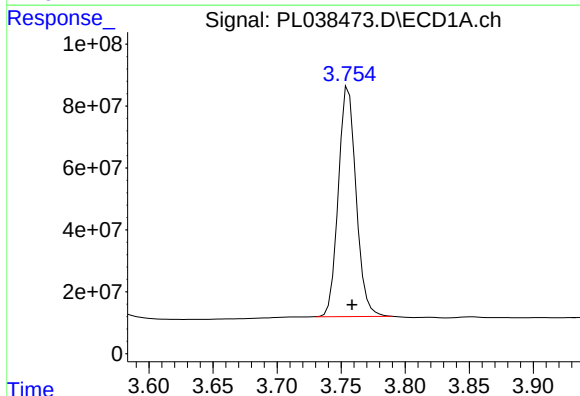
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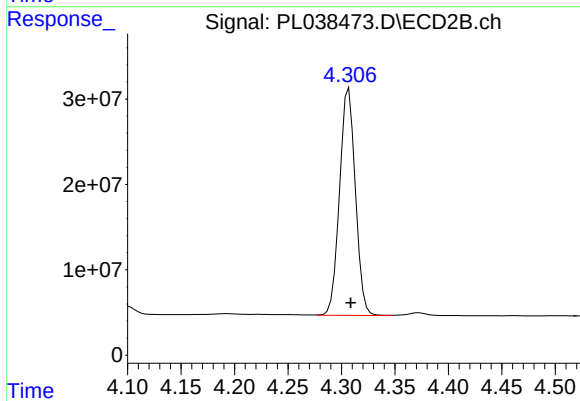
#1 Tetrachloro-m-xylene

R.T.: 3.928 min  
Delta R.T.: -0.002 min  
Response: 59299206  
Conc: 22.59 ng/ml



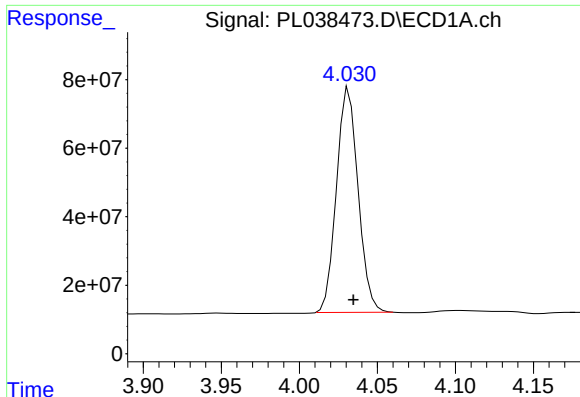
#2 alpha-BHC

R.T.: 3.756 min  
Delta R.T.: -0.003 min  
Response: 715537222  
Conc: 60.56 ng/ml



#2 alpha-BHC

R.T.: 4.307 min  
Delta R.T.: -0.002 min  
Response: 274283260  
Conc: 70.87 ng/ml



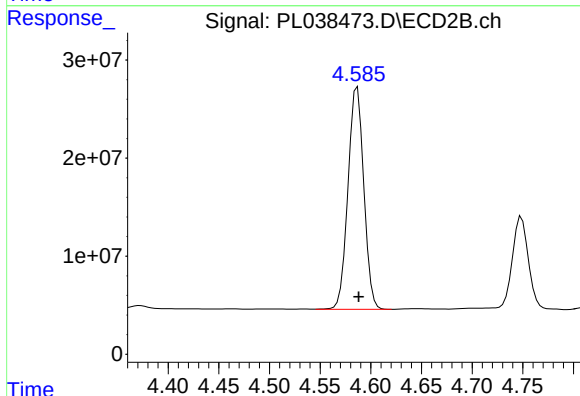
#3 gamma-BHC (Lindane)

R.T.: 4.032 min  
Delta R.T.: -0.003 min  
Response: 633381681  
Conc: 60.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-10(10-12)MS

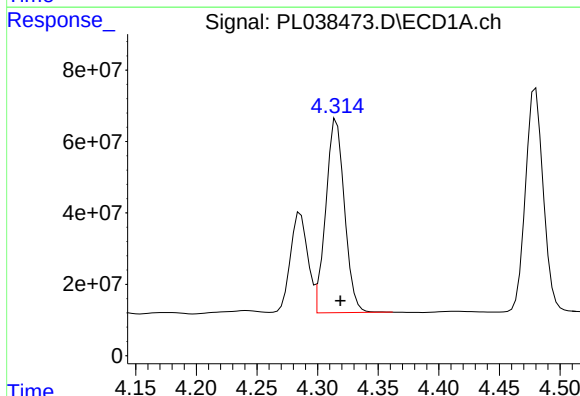
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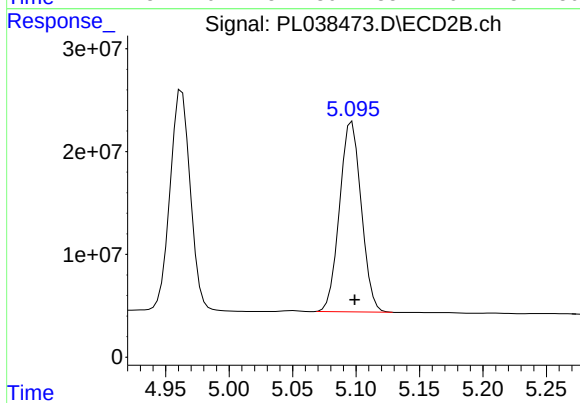
#3 gamma-BHC (Lindane)

R.T.: 4.587 min  
Delta R.T.: -0.002 min  
Response: 245526887  
Conc: 67.98 ng/ml



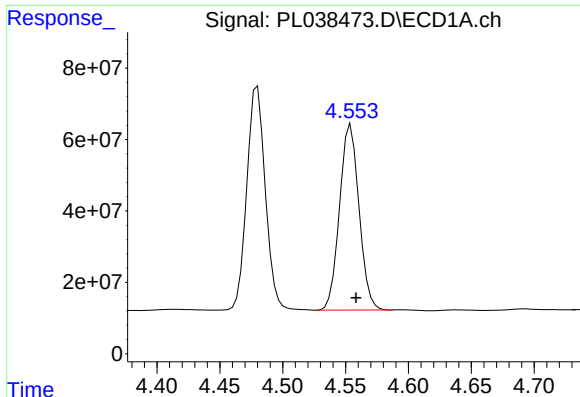
#4 Heptachlor

R.T.: 4.316 min  
Delta R.T.: -0.003 min  
Response: 581395496  
Conc: 54.66 ng/ml



#4 Heptachlor

R.T.: 5.097 min  
Delta R.T.: -0.002 min  
Response: 220178762  
Conc: 68.89 ng/ml



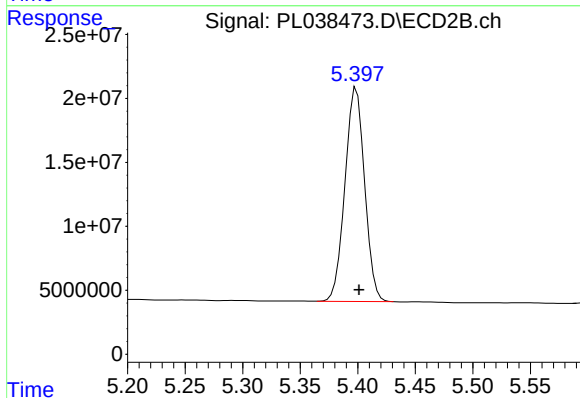
#5 Aldrin

R.T.: 4.554 min  
Delta R.T.: -0.004 min  
Response: 559921099  
Conc: 53.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-10(10-12)MS

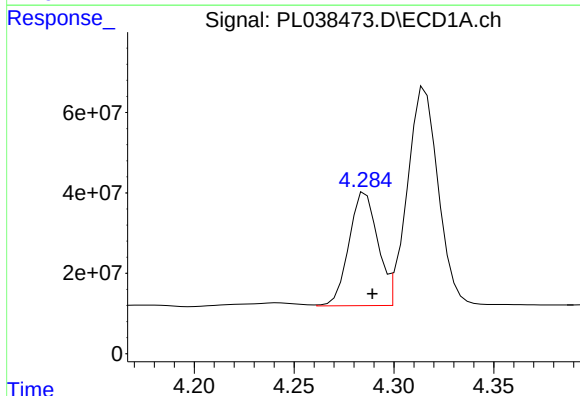
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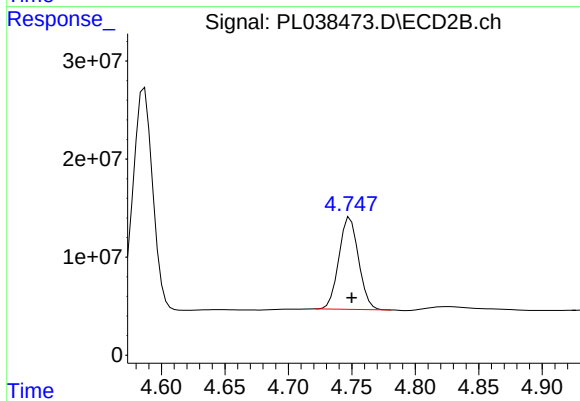
#5 Aldrin

R.T.: 5.399 min  
Delta R.T.: -0.002 min  
Response: 199409091  
Conc: 64.61 ng/ml



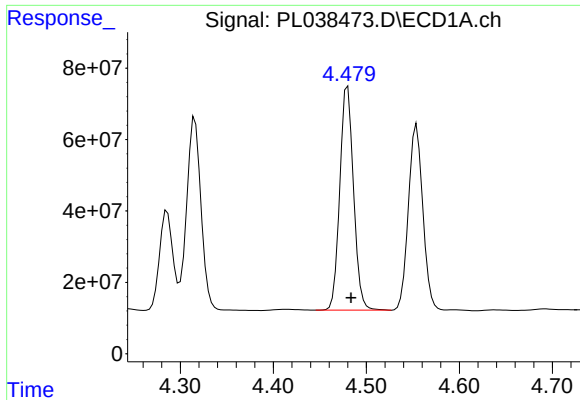
#6 beta-BHC

R.T.: 4.286 min  
Delta R.T.: -0.003 min  
Response: 281453395  
Conc: 59.63 ng/ml



#6 beta-BHC

R.T.: 4.749 min  
Delta R.T.: -0.001 min  
Response: 101328838  
Conc: 66.80 ng/ml



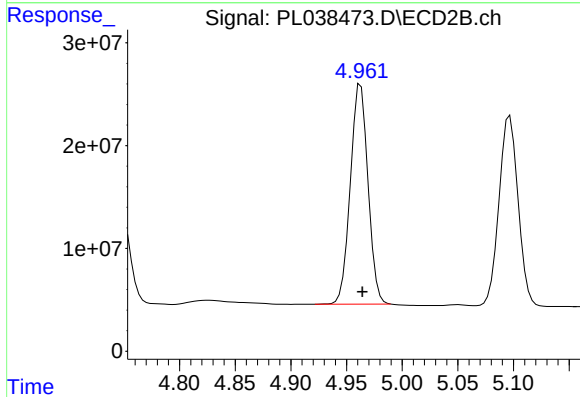
#7 delta-BHC

R.T.: 4.480 min  
Delta R.T.: -0.004 min  
Response: 643597543  
Conc: 59.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-10(10-12)MS

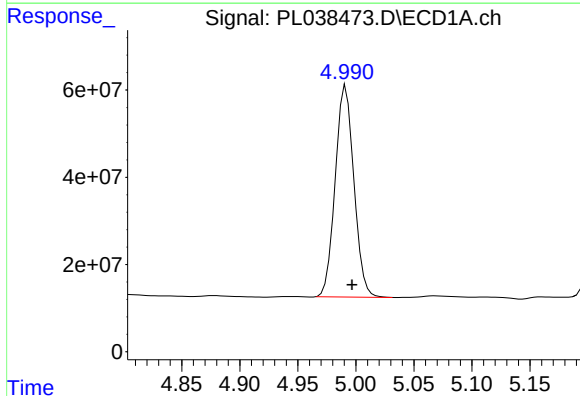
Manual Integrations  
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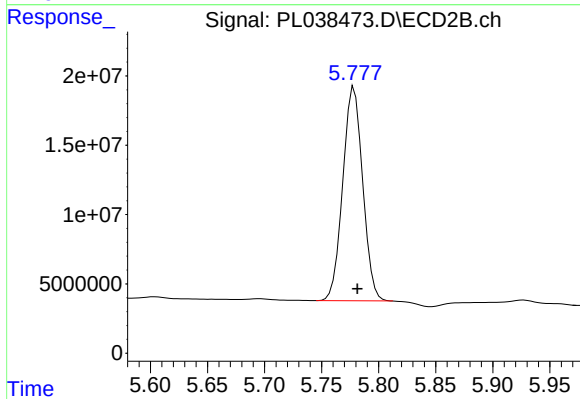
#7 delta-BHC

R.T.: 4.963 min  
Delta R.T.: -0.002 min  
Response: 236378934  
Conc: 71.27 ng/ml



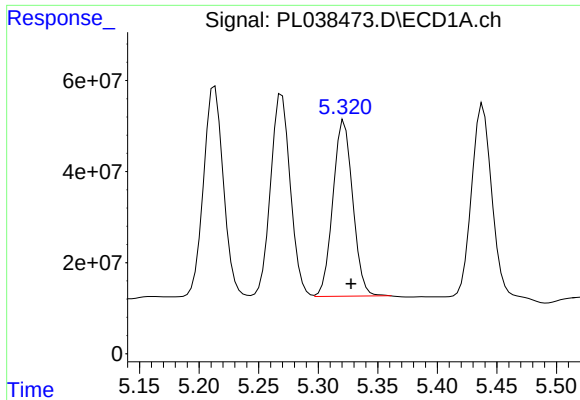
#8 Heptachlor epoxide

R.T.: 4.991 min  
Delta R.T.: -0.005 min  
Response: 543647143  
Conc: 57.66 ng/ml



#8 Heptachlor epoxide

R.T.: 5.779 min  
Delta R.T.: -0.003 min  
Response: 187254829  
Conc: 65.89 ng/ml



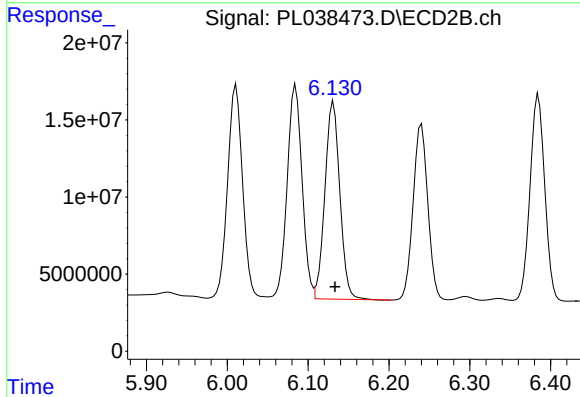
#9 Endosulfan I

R.T.: 5.322 min  
Delta R.T.: -0.006 min  
Response: 446828704  
Conc: 51.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-10(10-12)MS

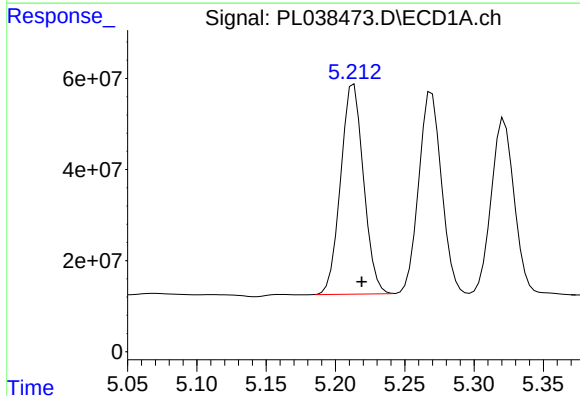
Manual Integrations  
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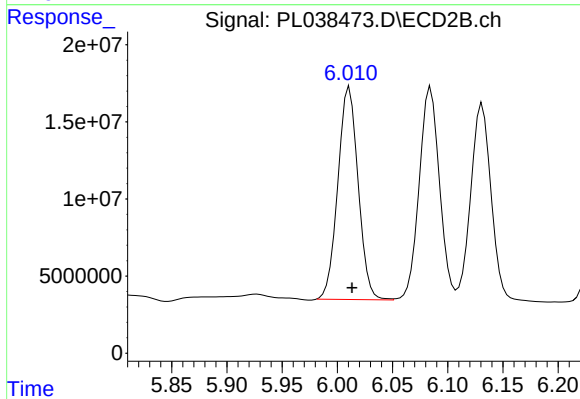
#9 Endosulfan I

R.T.: 6.131 min  
Delta R.T.: -0.002 min  
Response: 164615270  
Conc: 64.01 ng/ml



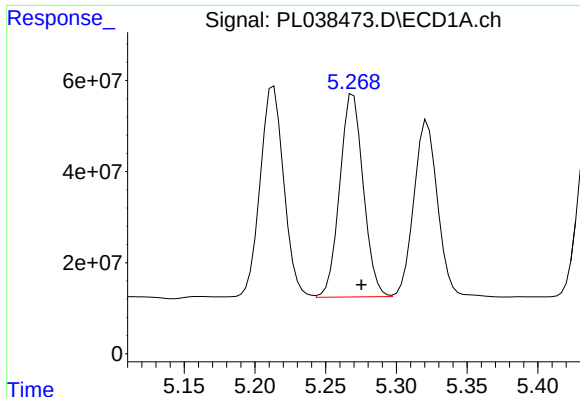
#10 gamma-Chlordane

R.T.: 5.212 min  
Delta R.T.: -0.007 min  
Response: 530613328  
Conc: 53.68 ng/ml m



#10 gamma-Chlordane

R.T.: 6.011 min  
Delta R.T.: -0.002 min  
Response: 176397436  
Conc: 60.84 ng/ml



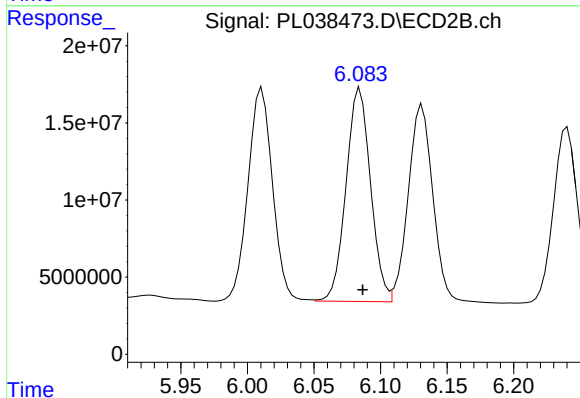
#11 alpha-Chlordane

R.T.: 5.270 min  
Delta R.T.: -0.006 min  
Response: 517094672  
Conc: 54.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-10(10-12)MS

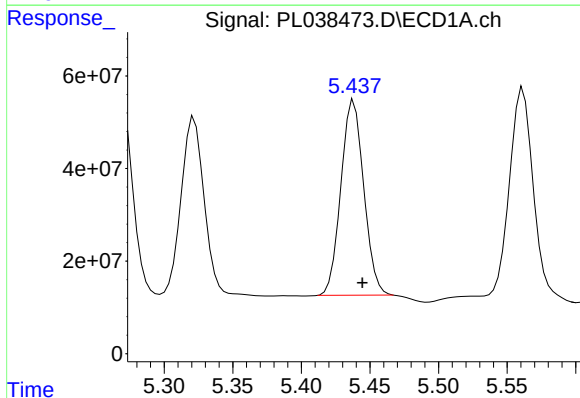
Manual Integrations  
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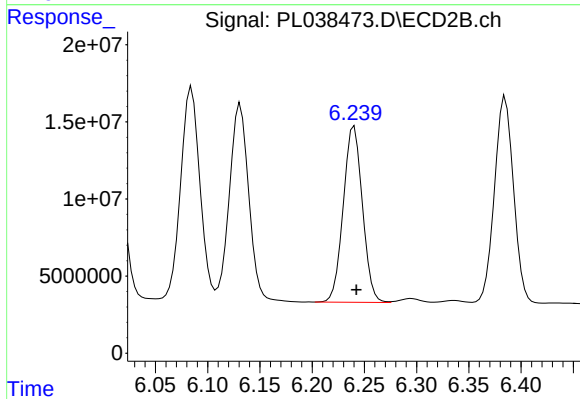
#11 alpha-Chlordane

R.T.: 6.085 min  
Delta R.T.: -0.002 min  
Response: 177583259  
Conc: 61.96 ng/ml



#12 4,4'-DDE

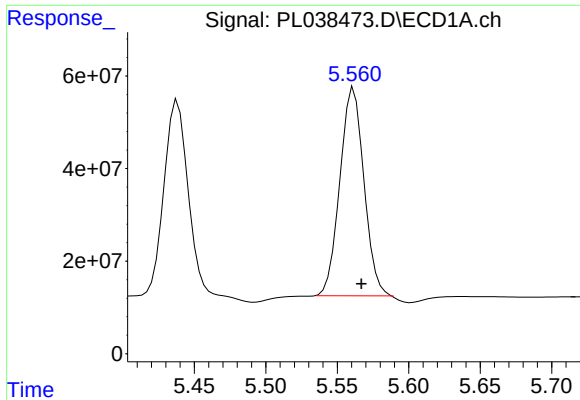
R.T.: 5.437 min  
Delta R.T.: -0.008 min  
Response: 489025693  
Conc: 51.00 ng/ml m



#12 4,4'-DDE

R.T.: 6.240 min  
Delta R.T.: -0.002 min  
Response: 145598399  
Conc: 54.45 ng/ml





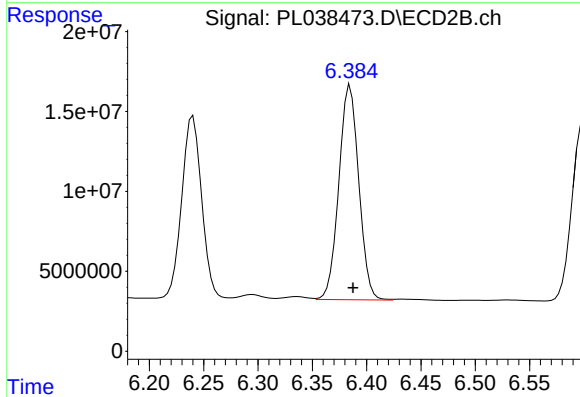
#13 Dieldrin

R.T.: 5.560 min  
Delta R.T.: -0.007 min  
Response: 526970000  
Conc: 54.83 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
SB-10(10-12)MS

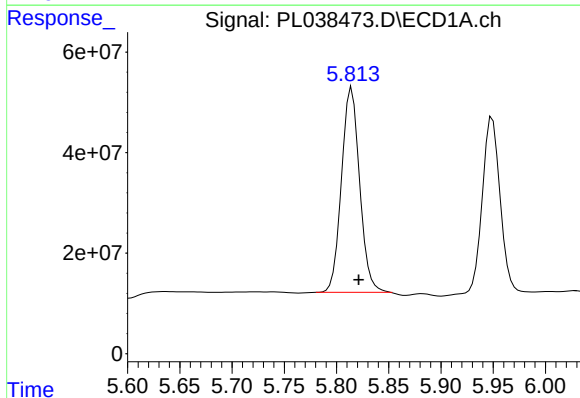
Manual Integrations  
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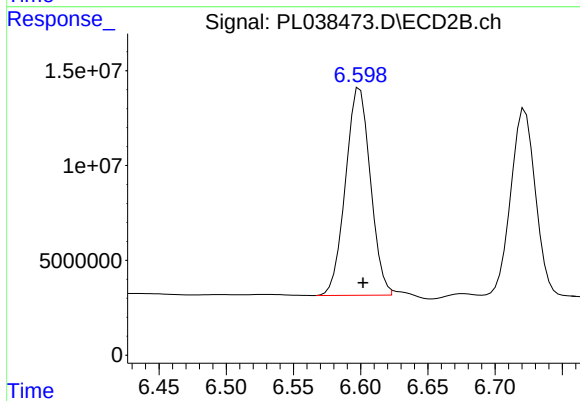
#13 Dieldrin

R.T.: 6.385 min  
Delta R.T.: -0.002 min  
Response: 171322038  
Conc: 62.94 ng/ml



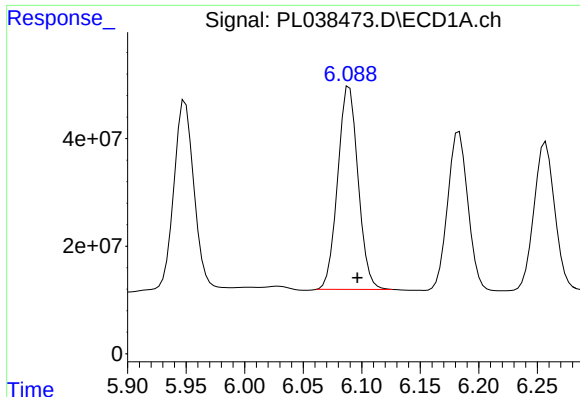
#14 Endrin

R.T.: 5.813 min  
Delta R.T.: -0.008 min  
Response: 491839353  
Conc: 56.61 ng/ml m



#14 Endrin

R.T.: 6.598 min  
Delta R.T.: -0.004 min  
Response: 140356141  
Conc: 58.77 ng/ml m



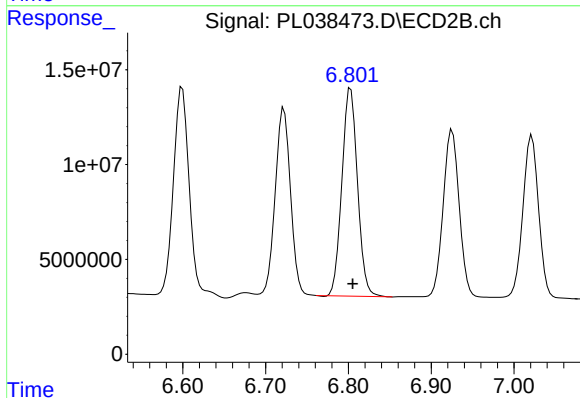
#15 Endosulfan II

R.T.: 6.088 min  
Delta R.T.: -0.008 min  
Response: 457345288  
Conc: 57.67 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
SB-10(10-12)MS

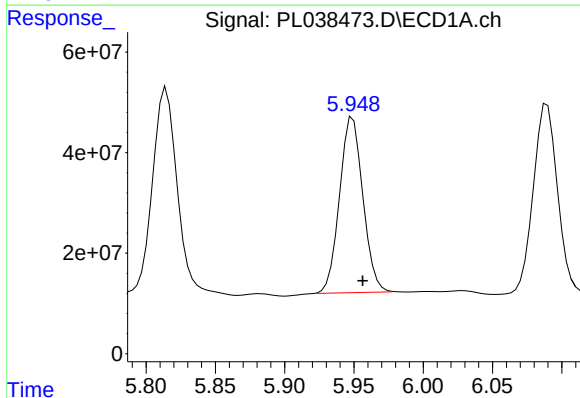
Manual Integrations  
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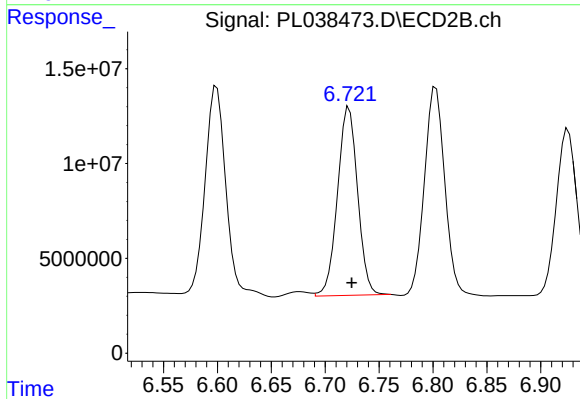
#15 Endosulfan II

R.T.: 6.803 min  
Delta R.T.: -0.002 min  
Response: 143829032  
Conc: 59.89 ng/ml



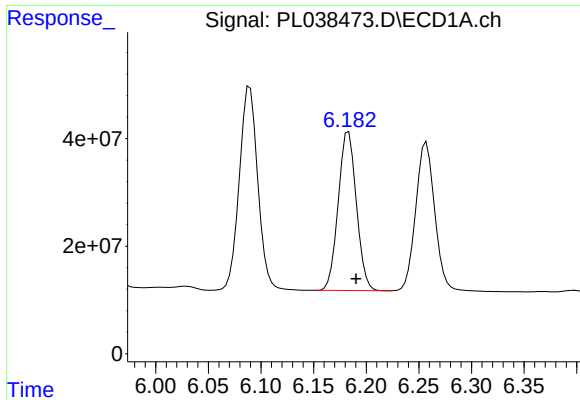
#16 4,4'-DDD

R.T.: 5.948 min  
Delta R.T.: -0.009 min  
Response: 409592574  
Conc: 55.84 ng/ml m



#16 4,4'-DDD

R.T.: 6.722 min  
Delta R.T.: -0.002 min  
Response: 128695724  
Conc: 60.13 ng/ml



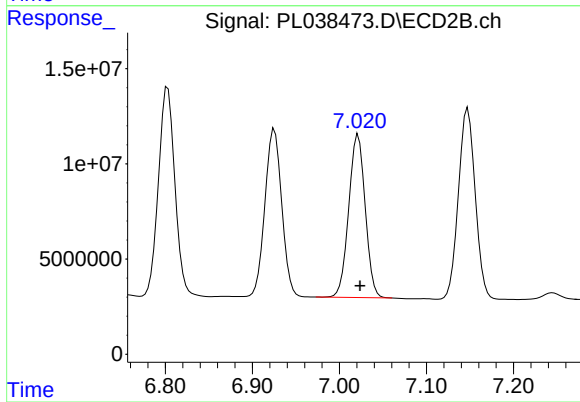
#17 4,4'-DDT

R.T.: 6.183 min  
Delta R.T.: -0.007 min  
Response: 355472841  
Conc: 47.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-10(10-12)MS

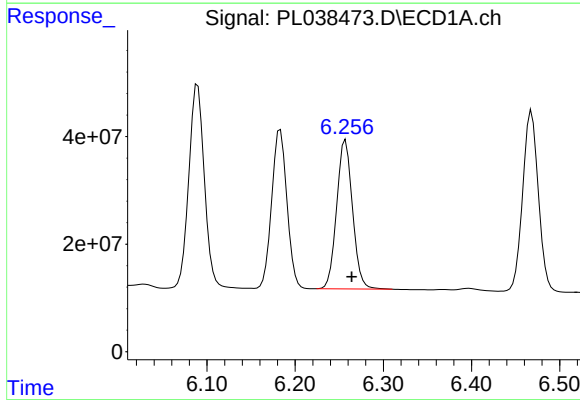
Manual Integrations  
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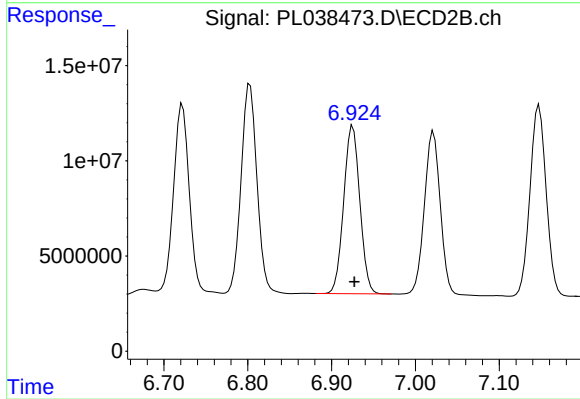
#17 4,4'-DDT

R.T.: 7.022 min  
Delta R.T.: -0.002 min  
Response: 112615661  
Conc: 52.82 ng/ml



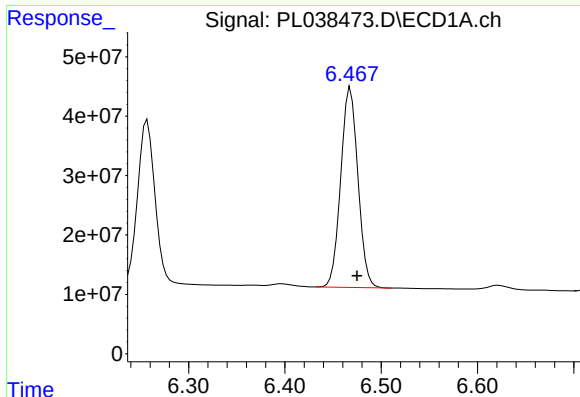
#18 Endrin aldehyde

R.T.: 6.257 min  
Delta R.T.: -0.007 min  
Response: 345651034  
Conc: 54.28 ng/ml



#18 Endrin aldehyde

R.T.: 6.925 min  
Delta R.T.: -0.002 min  
Response: 118236915  
Conc: 60.59 ng/ml



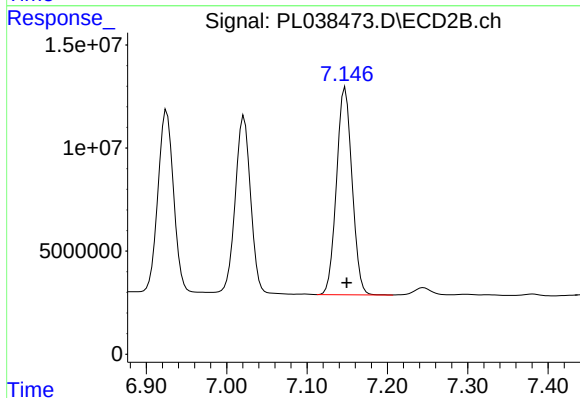
#19 Endosulfan Sulfate

R.T.: 6.468 min  
Delta R.T.: -0.007 min  
Response: 415818949  
Conc: 55.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-10(10-12)MS

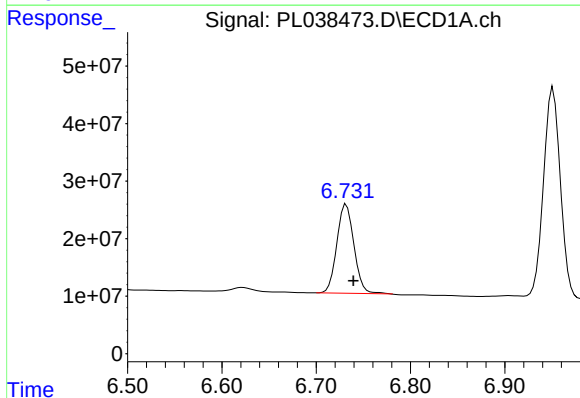
Manual Integrations  
APPROVED

Sohil  
7/25/2018 1:27:13 PM



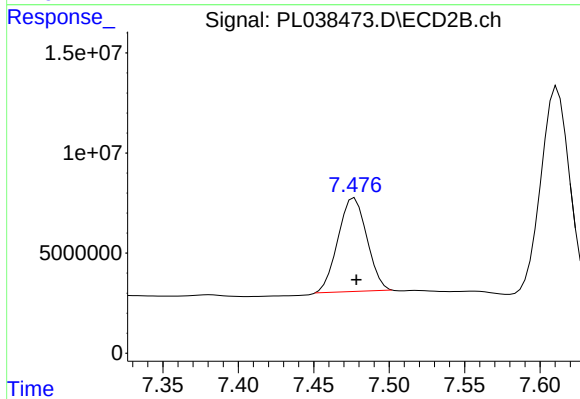
#19 Endosulfan Sulfate

R.T.: 7.148 min  
Delta R.T.: -0.002 min  
Response: 135153169  
Conc: 62.00 ng/ml



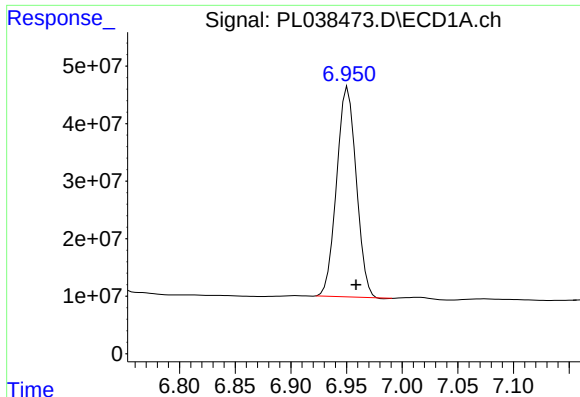
#20 Methoxychlor

R.T.: 6.732 min  
Delta R.T.: -0.008 min  
Response: 195202174  
Conc: 50.74 ng/ml



#20 Methoxychlor

R.T.: 7.476 min  
Delta R.T.: -0.003 min  
Response: 62231115  
Conc: 54.65 ng/ml m



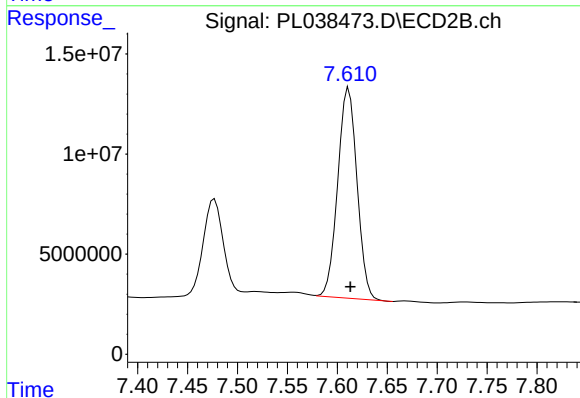
#21 Endrin ketone

R.T.: 6.951 min  
Delta R.T.: -0.007 min  
Response: 446965103  
Conc: 56.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-10(10-12)MS

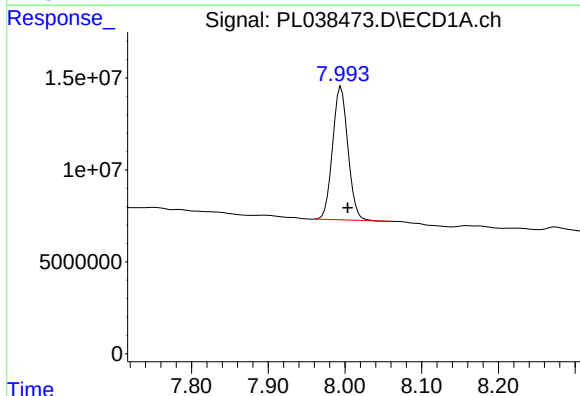
Manual Integrations  
APPROVED

Sohil  
7/25/2018 1:27:13 PM



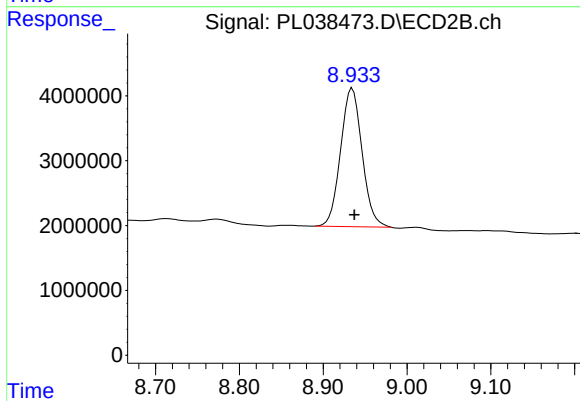
#21 Endrin ketone

R.T.: 7.611 min  
Delta R.T.: -0.002 min  
Response: 141495868  
Conc: 59.36 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.995 min  
Delta R.T.: -0.009 min  
Response: 100697777  
Conc: 13.27 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.935 min  
Delta R.T.: -0.002 min  
Response: 38055123  
Conc: 15.57 ng/ml