

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072418\  
 Data File : PL038512.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Jul 2018 22:26  
 Operator : AJ\SJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 25 04:07:43 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 | 346.3E6 | 140.2E6  | 46.502  | 53.398  |
| 28)                         | SA Decachlor... | 7.993 | 8.935 | 337.7E6 | 125.3E6  | 44.511  | 51.262  |
| Target Compounds            |                 |       |       |         |          |         |         |
| 2)                          | A alpha-BHC     | 3.755 | 4.307 | 552.4E6 | 209.7E6  | 46.757  | 54.180  |
| 3)                          | MA gamma-BHC... | 4.031 | 4.587 | 497.5E6 | 187.1E6  | 47.458  | 51.815  |
| 4)                          | MA Heptachlor   | 4.315 | 5.097 | 484.2E6 | 180.6E6  | 45.518  | 56.500  |
| 5)                          | MB Aldrin       | 4.553 | 5.399 | 490.2E6 | 170.6E6  | 46.834  | 55.287  |
| 6)                          | B beta-BHC      | 4.285 | 4.749 | 223.4E6 | 84744879 | 47.334  | 55.868  |
| 7)                          | B delta-BHC     | 4.479 | 4.963 | 522.9E6 | 187.0E6  | 48.178  | 56.393  |
| 8)                          | B Heptachlo...  | 4.990 | 5.779 | 450.9E6 | 160.0E6  | 47.827  | 56.283  |
| 9)                          | A Endosulfan I  | 5.321 | 6.132 | 418.3E6 | 134.6E6  | 48.364  | 52.323  |
| 10)                         | B gamma-Chl...  | 5.213 | 6.011 | 472.4E6 | 152.7E6  | 47.795  | 52.657  |
| 11)                         | B alpha-Chl...  | 5.269 | 6.085 | 451.8E6 | 150.5E6  | 47.728  | 52.503  |
| 12)                         | B 4,4'-DDE      | 5.436 | 6.241 | 446.4E6 | 139.6E6  | 46.562m | 52.189  |
| 13)                         | MA Dieldrin     | 5.559 | 6.386 | 446.9E6 | 141.6E6  | 46.502m | 52.040  |
| 14)                         | MA Endrin       | 5.813 | 6.598 | 400.5E6 | 114.0E6  | 46.102  | 47.732m |
| 15)                         | B Endosulfa...  | 6.088 | 6.803 | 387.7E6 | 121.4E6  | 48.887  | 50.550  |
| 16)                         | A 4,4'-DDD      | 5.949 | 6.721 | 378.4E6 | 107.9E6  | 51.582  | 50.425m |
| 17)                         | MA 4,4'-DDT     | 6.183 | 7.021 | 314.8E6 | 96299259 | 42.372  | 45.168  |
| 18)                         | B Endrin al...  | 6.256 | 6.925 | 307.5E6 | 103.2E6  | 48.295  | 52.887  |
| 19)                         | B Endosulfa...  | 6.467 | 7.148 | 363.9E6 | 114.8E6  | 48.176  | 52.650  |
| 20)                         | A Methoxychlor  | 6.731 | 7.477 | 167.7E6 | 55653554 | 43.599  | 48.876  |
| 21)                         | B Endrin ke...  | 6.948 | 7.611 | 428.0E6 | 124.5E6  | 54.545m | 52.249  |
| -----                       |                 |       |       |         |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072418\  
Data File : PL038512.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 Jul 2018 22:26  
Operator : AJ\SJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

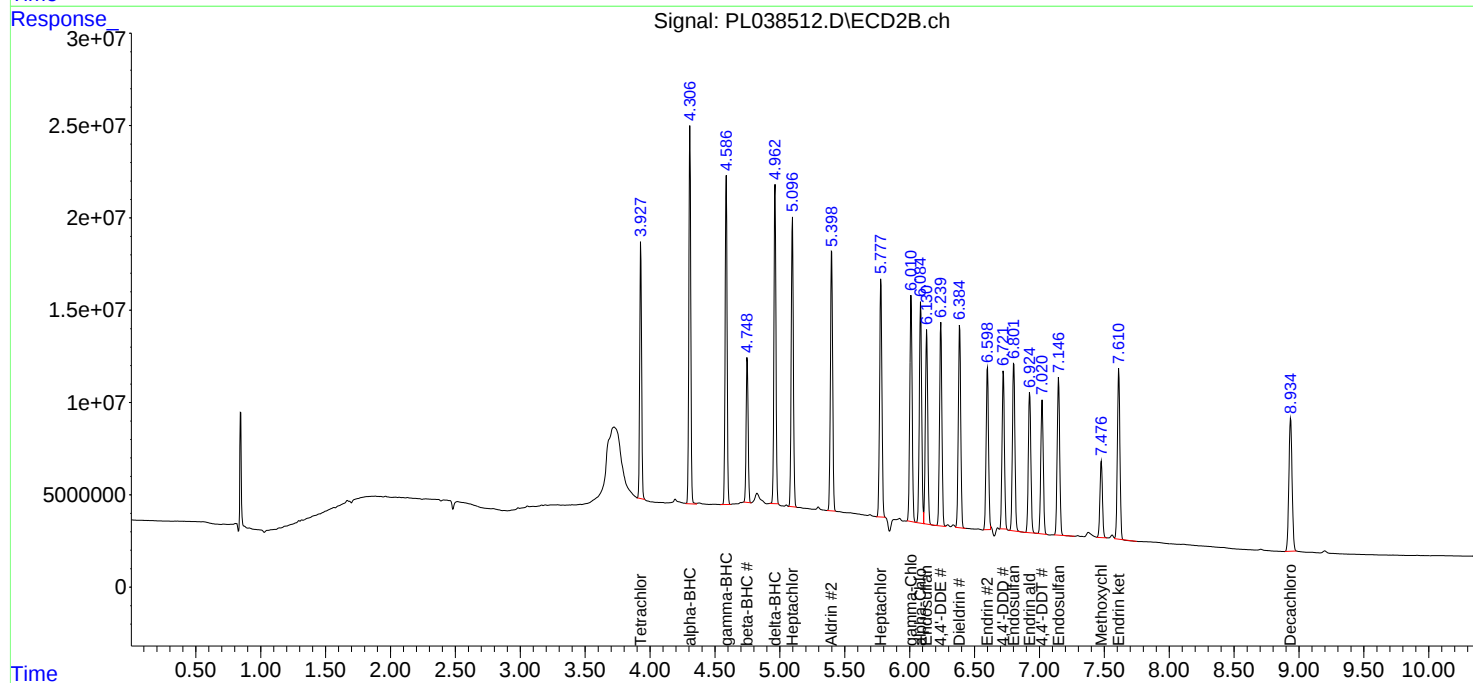
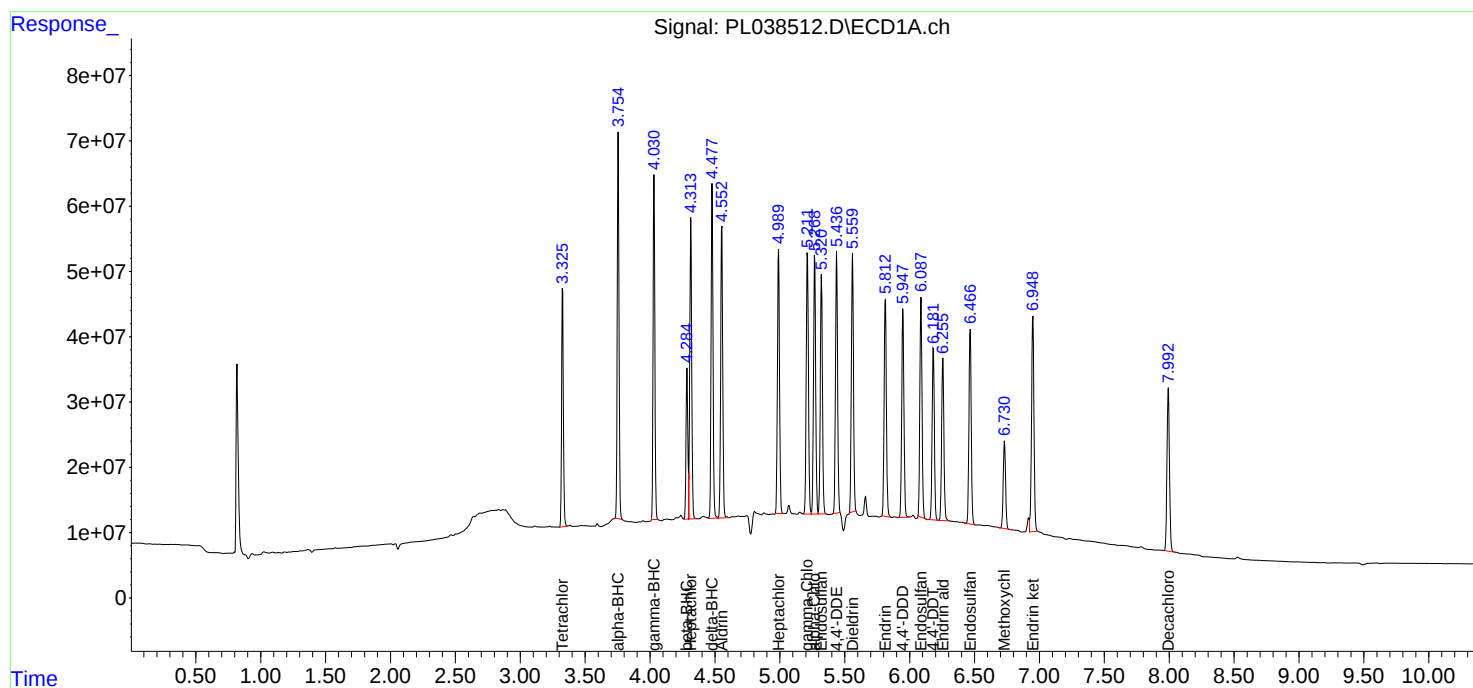
Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

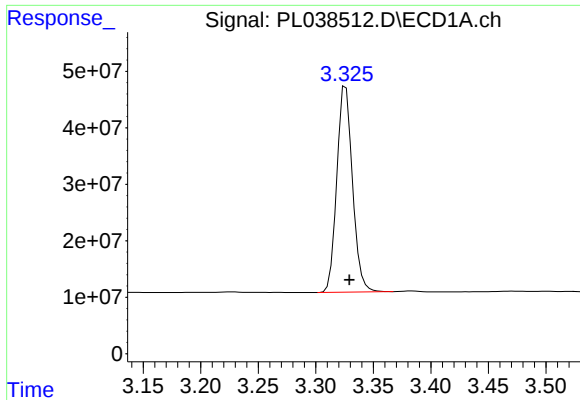
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 25 04:07:43 2018  
Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD\_L\methods\PL071318.M  
Quant Title : GC Extractables  
QLast Update : Sat Jul 14 00:12:12 2018  
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





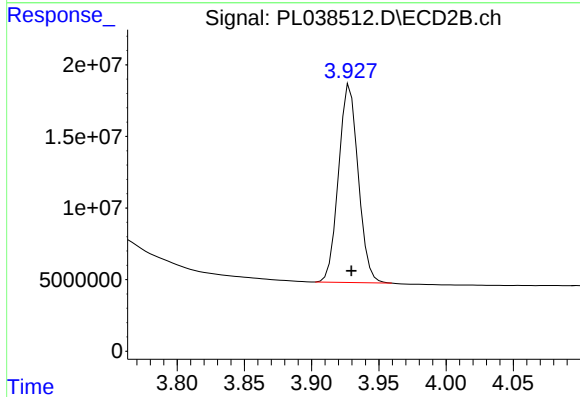
#1 Tetrachloro-m-xylene

R.T.: 3.326 min  
Delta R.T.: -0.003 min  
Response: 346271476  
Conc: 46.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

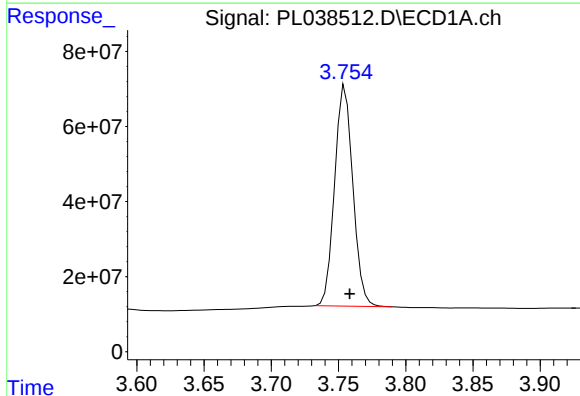
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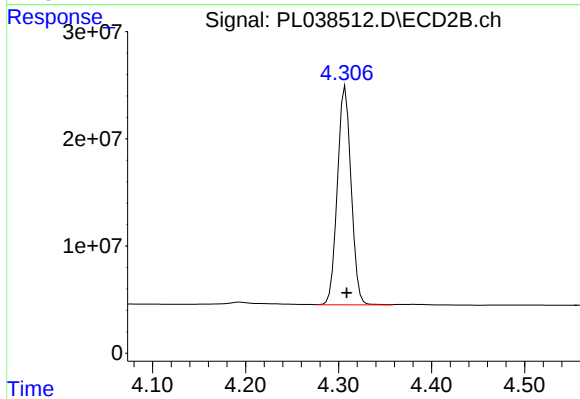
#1 Tetrachloro-m-xylene

R.T.: 3.928 min  
Delta R.T.: -0.001 min  
Response: 140167557  
Conc: 53.40 ng/ml



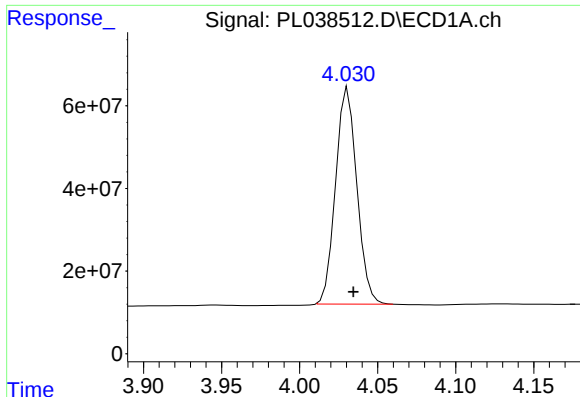
#2 alpha-BHC

R.T.: 3.755 min  
Delta R.T.: -0.003 min  
Response: 552449147  
Conc: 46.76 ng/ml



#2 alpha-BHC

R.T.: 4.307 min  
Delta R.T.: -0.001 min  
Response: 209684289  
Conc: 54.18 ng/ml



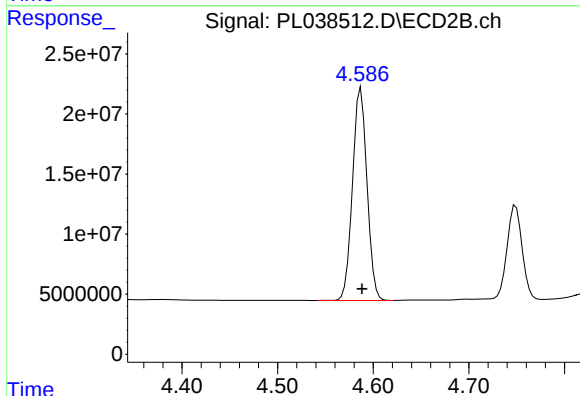
#3 gamma-BHC (Lindane)

R.T.: 4.031 min  
Delta R.T.: -0.004 min  
Response: 497542751  
Conc: 47.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

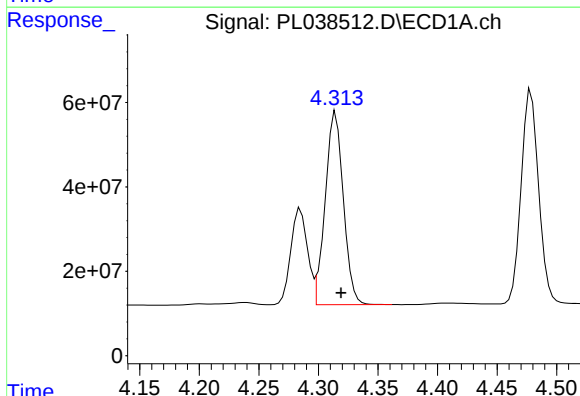
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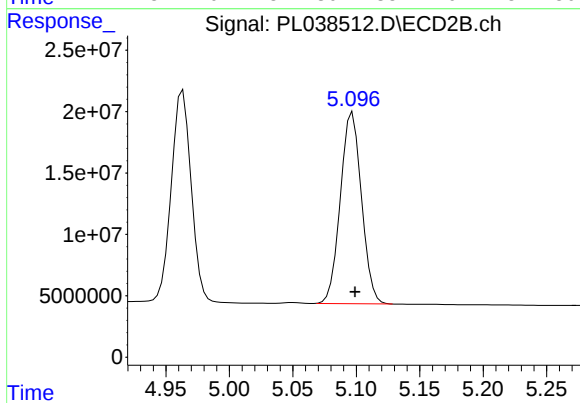
#3 gamma-BHC (Lindane)

R.T.: 4.587 min  
Delta R.T.: -0.001 min  
Response: 187144688  
Conc: 51.81 ng/ml



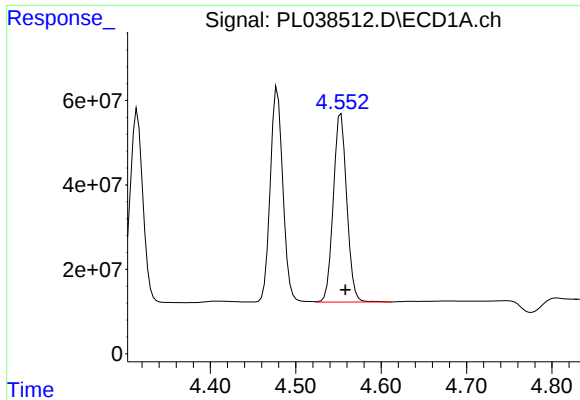
#4 Heptachlor

R.T.: 4.315 min  
Delta R.T.: -0.004 min  
Response: 484192036  
Conc: 45.52 ng/ml



#4 Heptachlor

R.T.: 5.097 min  
Delta R.T.: -0.002 min  
Response: 180587113  
Conc: 56.50 ng/ml



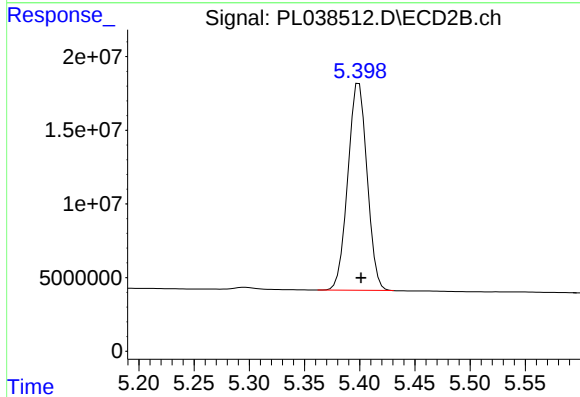
#5 Aldrin

R.T.: 4.553 min  
Delta R.T.: -0.005 min  
Response: 490228115  
Conc: 46.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

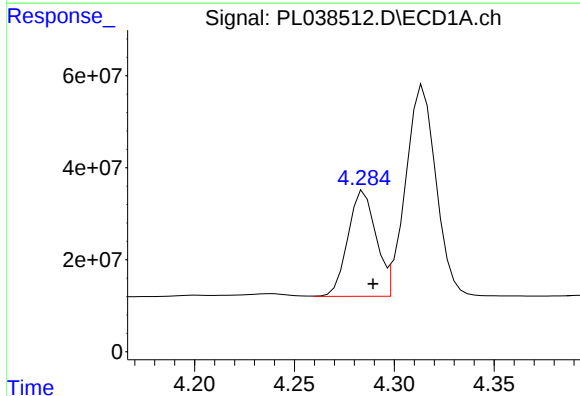
Manual Integrations  
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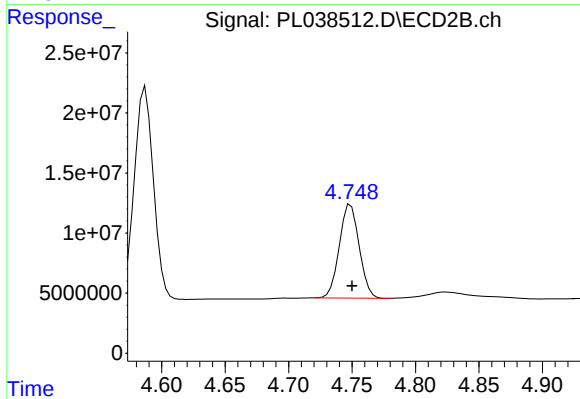
#5 Aldrin

R.T.: 5.399 min  
Delta R.T.: -0.002 min  
Response: 170628510  
Conc: 55.29 ng/ml



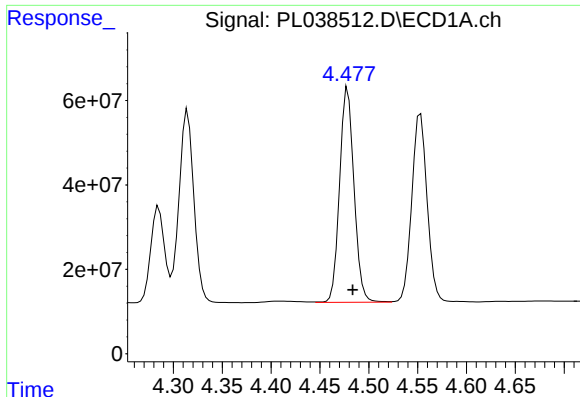
#6 beta-BHC

R.T.: 4.285 min  
Delta R.T.: -0.004 min  
Response: 223433572  
Conc: 47.33 ng/ml



#6 beta-BHC

R.T.: 4.749 min  
Delta R.T.: 0.000 min  
Response: 84744879  
Conc: 55.87 ng/ml



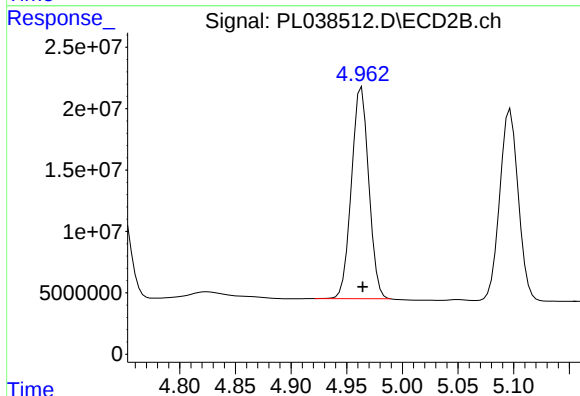
#7 delta-BHC

R.T.: 4.479 min  
Delta R.T.: -0.005 min  
Response: 522927197  
Conc: 48.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

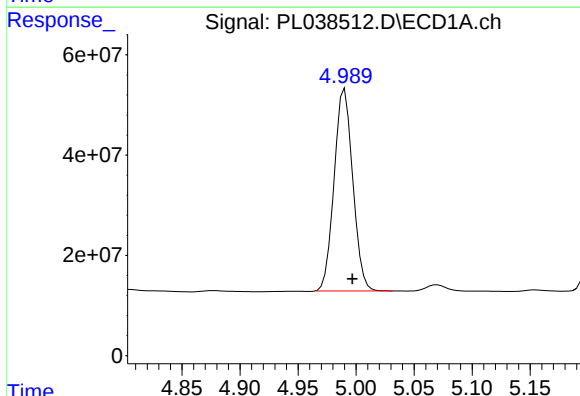
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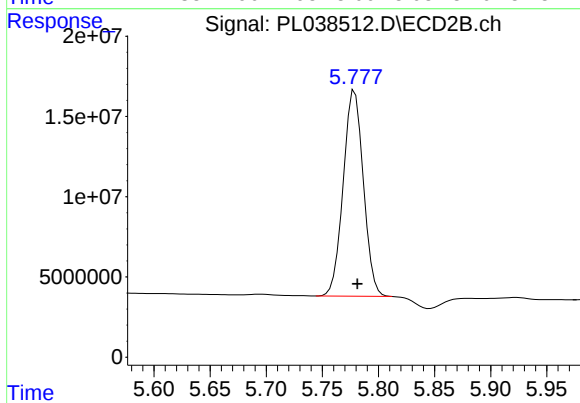
#7 delta-BHC

R.T.: 4.963 min  
Delta R.T.: 0.000 min  
Response: 187033288  
Conc: 56.39 ng/ml



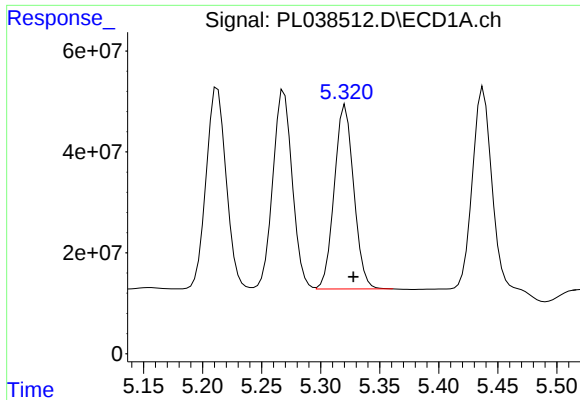
#8 Heptachlor epoxide

R.T.: 4.990 min  
Delta R.T.: -0.006 min  
Response: 450936420  
Conc: 47.83 ng/ml



#8 Heptachlor epoxide

R.T.: 5.779 min  
Delta R.T.: -0.002 min  
Response: 159950785  
Conc: 56.28 ng/ml



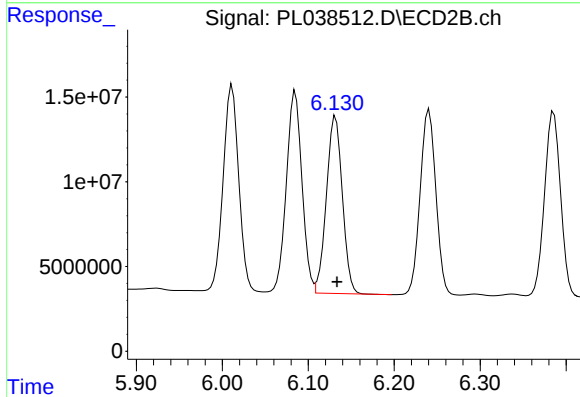
#9 Endosulfan I

R.T.: 5.321 min  
Delta R.T.: -0.007 min  
Response: 418333513  
Conc: 48.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

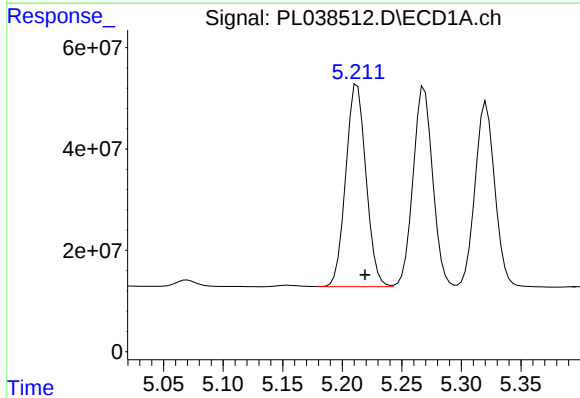
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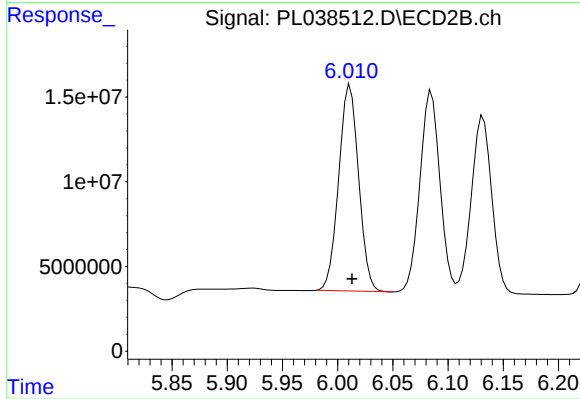
#9 Endosulfan I

R.T.: 6.132 min  
Delta R.T.: -0.002 min  
Response: 134563585  
Conc: 52.32 ng/ml



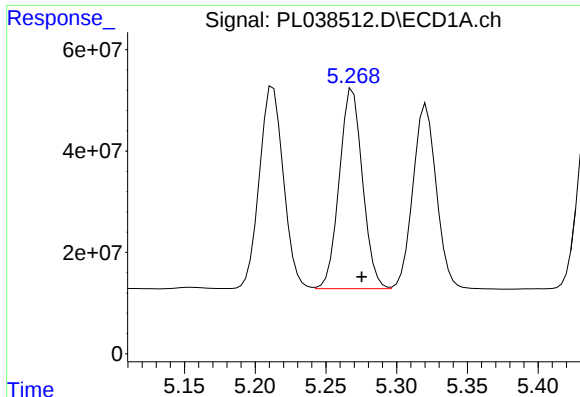
#10 gamma-Chlordane

R.T.: 5.213 min  
Delta R.T.: -0.006 min  
Response: 472404115  
Conc: 47.79 ng/ml



#10 gamma-Chlordane

R.T.: 6.011 min  
Delta R.T.: -0.002 min  
Response: 152662893  
Conc: 52.66 ng/ml



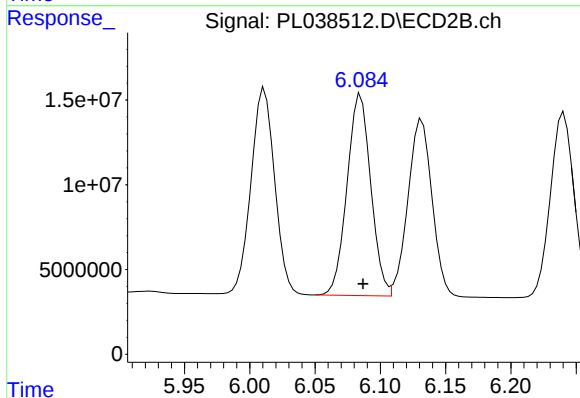
#11 alpha-Chlordane

R.T.: 5.269 min  
Delta R.T.: -0.006 min  
Response: 451785762  
Conc: 47.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

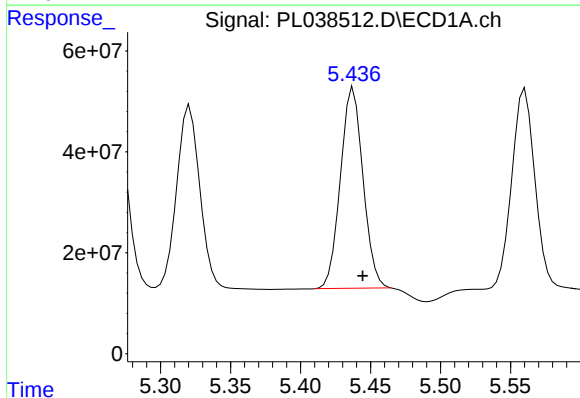
Manual Integrations  
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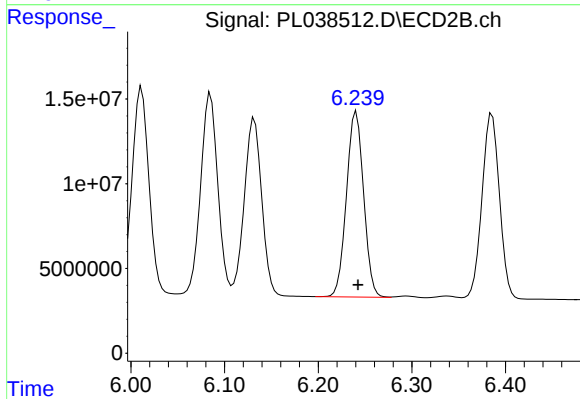
#11 alpha-Chlordane

R.T.: 6.085 min  
Delta R.T.: -0.002 min  
Response: 150484859  
Conc: 52.50 ng/ml



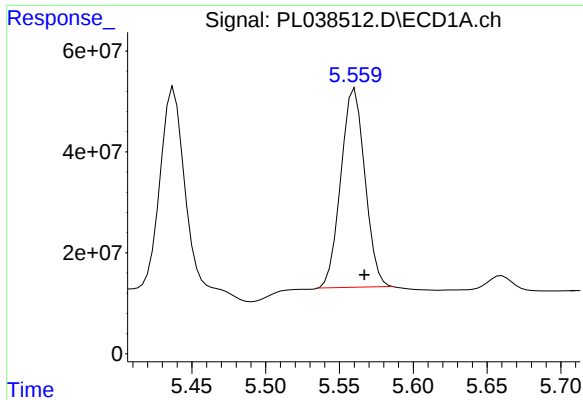
#12 4,4'-DDE

R.T.: 5.436 min  
Delta R.T.: -0.008 min  
Response: 446431264  
Conc: 46.56 ng/ml m



#12 4,4'-DDE

R.T.: 6.241 min  
Delta R.T.: -0.002 min  
Response: 139556706  
Conc: 52.19 ng/ml



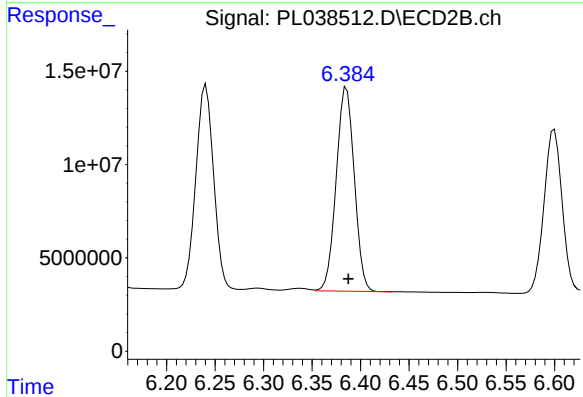
#13 Dieldrin

R.T.: 5.559 min  
Delta R.T.: -0.008 min  
Response: 446894016  
Conc: 46.50 ng/ml m

Instrument :  
ECD\_L  
ClientSampled :  
PSTDCCC050

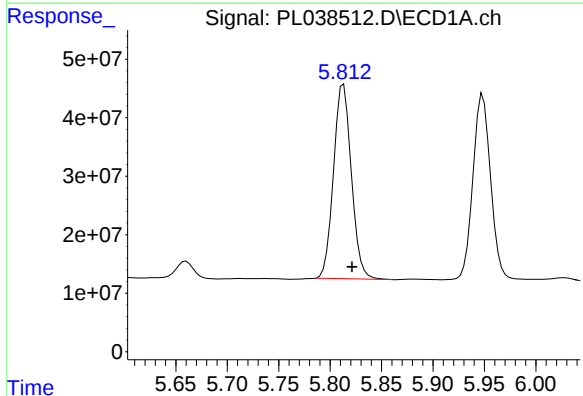
Manual Integrations  
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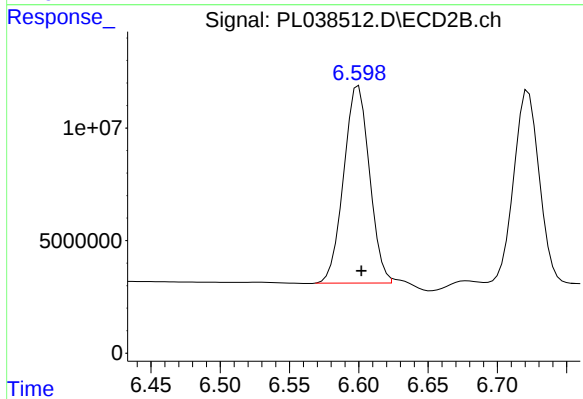
#13 Dieldrin

R.T.: 6.386 min  
Delta R.T.: -0.002 min  
Response: 141642700  
Conc: 52.04 ng/ml



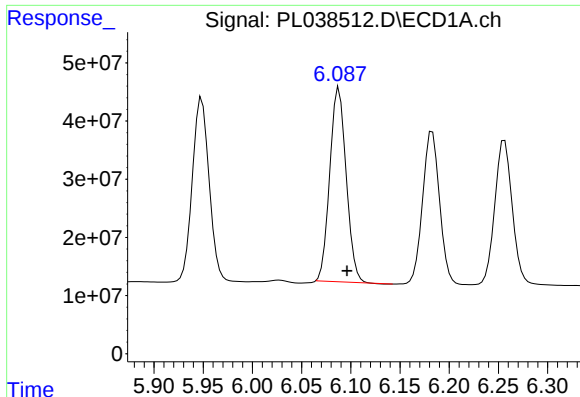
#14 Endrin

R.T.: 5.813 min  
Delta R.T.: -0.008 min  
Response: 400548998  
Conc: 46.10 ng/ml



#14 Endrin

R.T.: 6.598 min  
Delta R.T.: -0.003 min  
Response: 113989783  
Conc: 47.73 ng/ml m



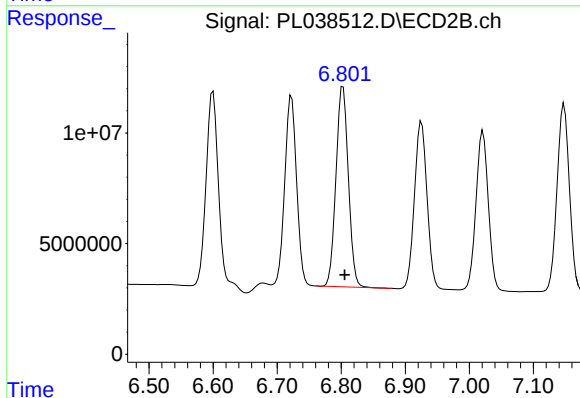
#15 Endosulfan II

R.T.: 6.088 min  
Delta R.T.: -0.008 min  
Response: 387676907  
Conc: 48.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

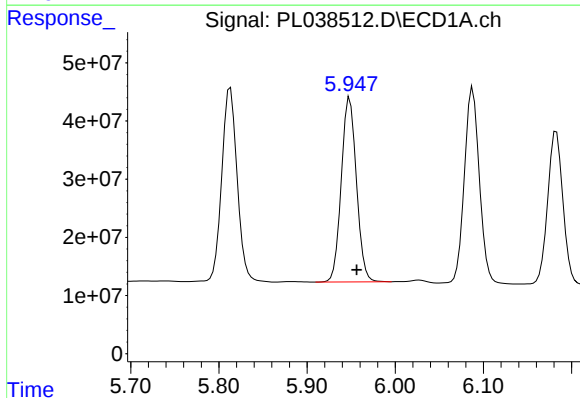
Manual Integrations  
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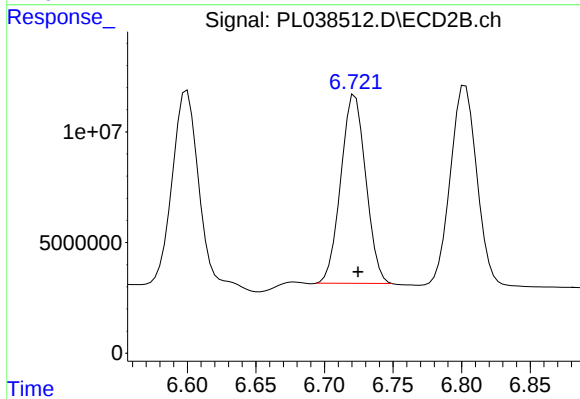
#15 Endosulfan II

R.T.: 6.803 min  
Delta R.T.: -0.002 min  
Response: 121391537  
Conc: 50.55 ng/ml



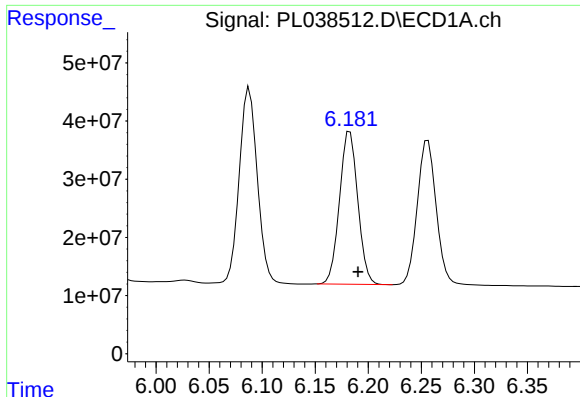
#16 4,4'-DDD

R.T.: 5.949 min  
Delta R.T.: -0.008 min  
Response: 378388881  
Conc: 51.58 ng/ml



#16 4,4'-DDD

R.T.: 6.721 min  
Delta R.T.: -0.004 min  
Response: 107931345  
Conc: 50.43 ng/ml m



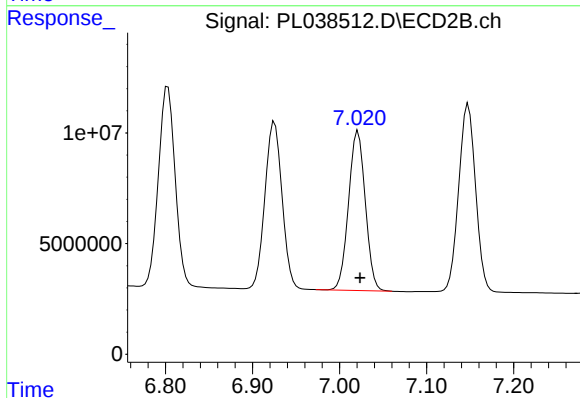
#17 4,4'-DDT

R.T.: 6.183 min  
Delta R.T.: -0.008 min  
Response: 314765729  
Conc: 42.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

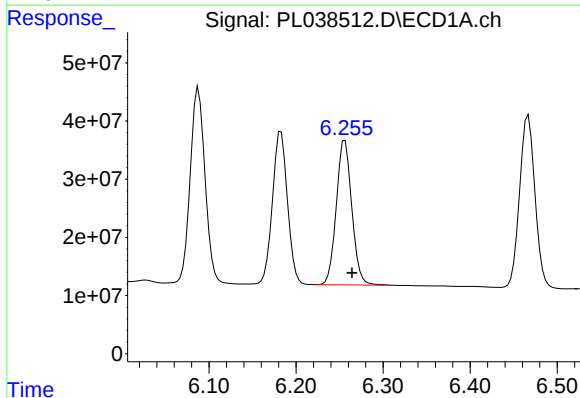
Manual Integrations  
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7/25/2018 1:27:53 PM



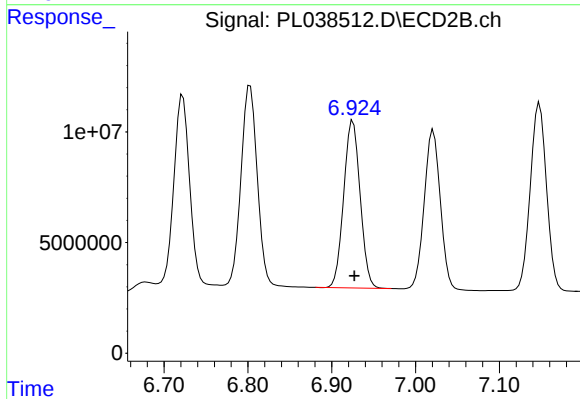
#17 4,4'-DDT

R.T.: 7.021 min  
Delta R.T.: -0.002 min  
Response: 96299259  
Conc: 45.17 ng/ml



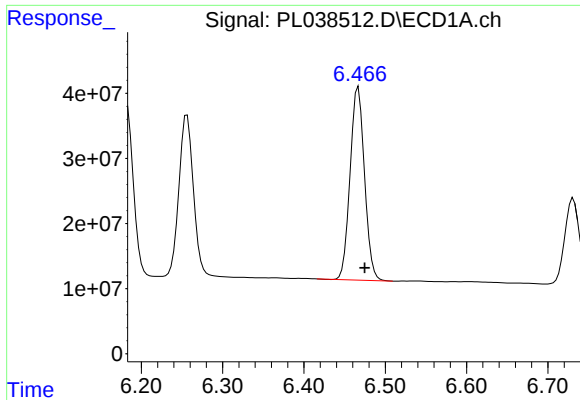
#18 Endrin aldehyde

R.T.: 6.256 min  
Delta R.T.: -0.008 min  
Response: 307524428  
Conc: 48.30 ng/ml



#18 Endrin aldehyde

R.T.: 6.925 min  
Delta R.T.: -0.002 min  
Response: 103201452  
Conc: 52.89 ng/ml



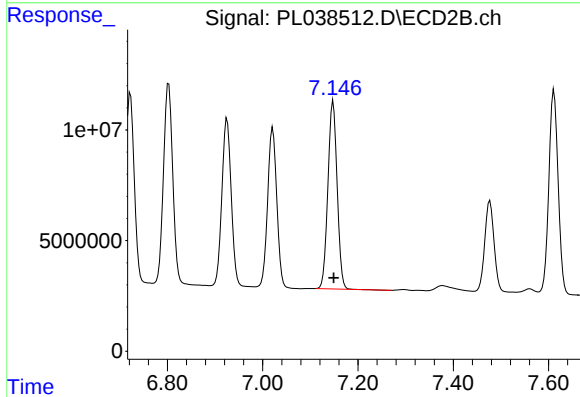
#19 Endosulfan Sulfate

R.T.: 6.467 min  
Delta R.T.: -0.008 min  
Response: 363884588  
Conc: 48.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

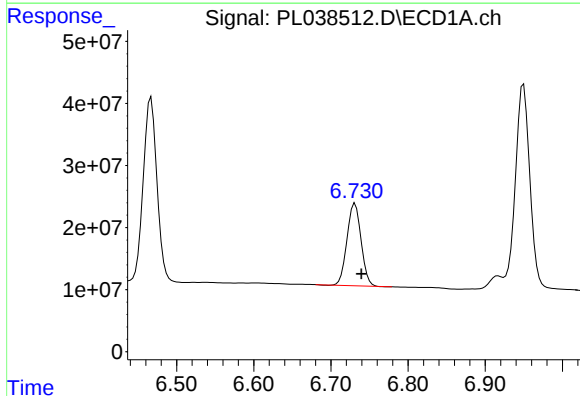
Manual Integrations  
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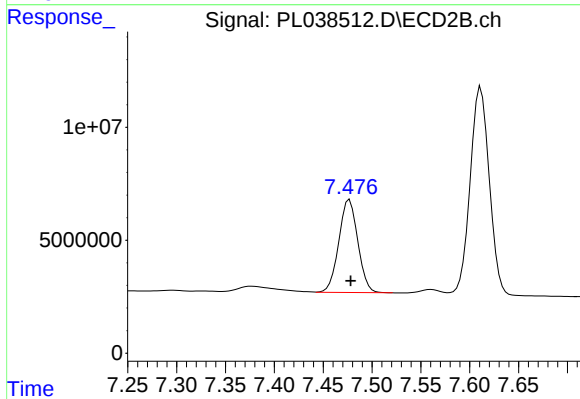
#19 Endosulfan Sulfate

R.T.: 7.148 min  
Delta R.T.: -0.002 min  
Response: 114765175  
Conc: 52.65 ng/ml



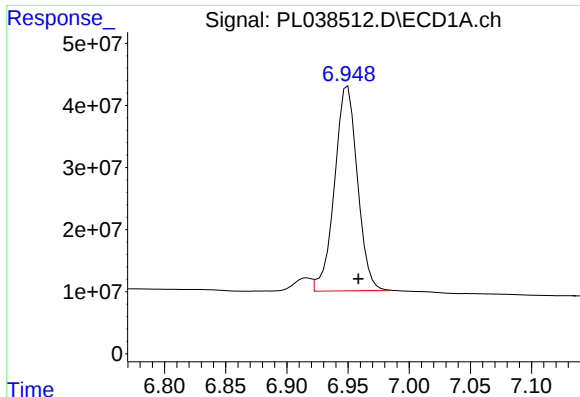
#20 Methoxychlor

R.T.: 6.731 min  
Delta R.T.: -0.008 min  
Response: 167745885  
Conc: 43.60 ng/ml



#20 Methoxychlor

R.T.: 7.477 min  
Delta R.T.: -0.001 min  
Response: 55653554  
Conc: 48.88 ng/ml



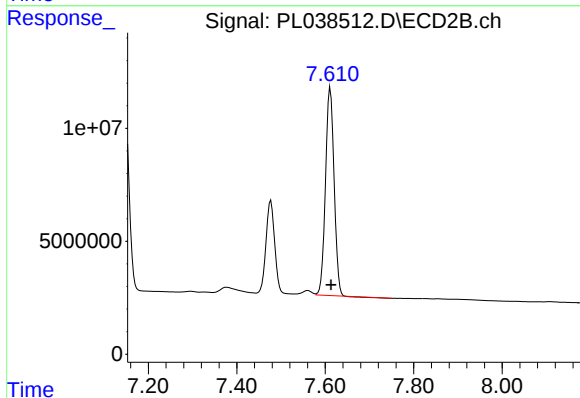
#21 Endrin ketone

R.T.: 6.948 min  
Delta R.T.: -0.010 min  
Response: 427959067  
Conc: 54.55 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

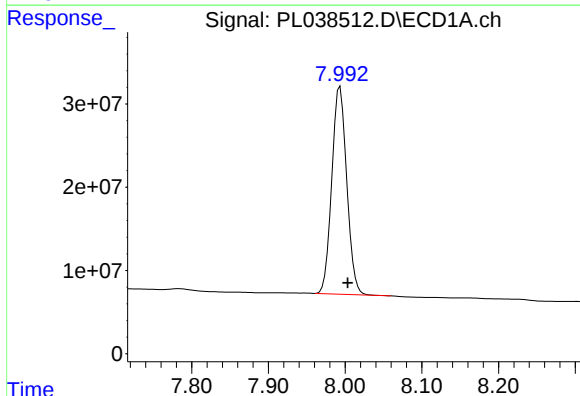
Manual Integrations  
APPROVED

Sohil  
7/25/2018 1:27:53 PM



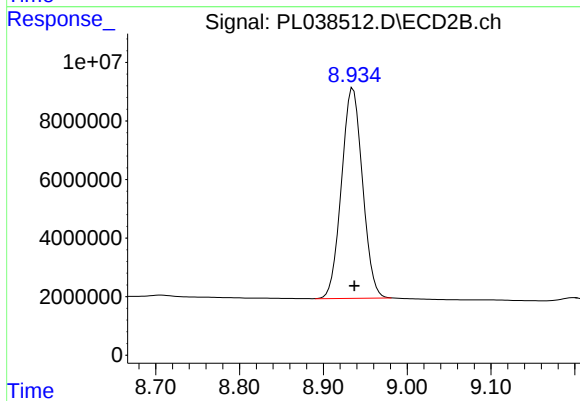
#21 Endrin ketone

R.T.: 7.611 min  
Delta R.T.: -0.002 min  
Response: 124536188  
Conc: 52.25 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.993 min  
Delta R.T.: -0.010 min  
Response: 337653805  
Conc: 44.51 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.935 min  
Delta R.T.: -0.002 min  
Response: 125306609  
Conc: 51.26 ng/ml