

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL082018\  
 Data File : PL039338.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 Aug 2018 19:16  
 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: Aug 21 04:25:28 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081318.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Aug 15 15:04:22 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... | 3.304 | 3.906 | 327.3E6 | 143.4E6  | 46.824  | 53.482 |
| 2)                          | SA Decachlor... | 7.960 | 8.894 | 301.4E6 | 117.2E6  | 42.916  | 50.524 |
| Target Compounds            |                 |       |       |         |          |         |        |
| 2)                          | A alpha-BHC     | 3.732 | 4.284 | 560.1E6 | 227.6E6  | 47.386  | 54.051 |
| 3)                          | MA gamma-BHC... | 4.007 | 4.563 | 507.9E6 | 205.5E6  | 47.881  | 51.037 |
| 4)                          | MA Heptachlor   | 4.289 | 5.070 | 500.0E6 | 203.4E6  | 47.497  | 56.895 |
| 5)                          | MB Aldrin       | 4.526 | 5.370 | 485.8E6 | 190.7E6  | 48.500  | 53.878 |
| 6)                          | B beta-BHC      | 4.262 | 4.725 | 218.6E6 | 93126801 | 47.053  | 53.169 |
| 7)                          | B delta-BHC     | 4.454 | 4.938 | 522.0E6 | 205.8E6  | 48.090  | 51.687 |
| 8)                          | B Heptachlo...  | 4.963 | 5.749 | 454.6E6 | 178.0E6  | 47.601  | 52.913 |
| 9)                          | A Endosulfan I  | 5.291 | 6.101 | 421.9E6 | 152.1E6  | 48.181  | 51.858 |
| 10)                         | B gamma-Chl...  | 5.184 | 5.981 | 472.1E6 | 173.0E6  | 47.801  | 53.454 |
| 11)                         | B alpha-Chl...  | 5.240 | 6.054 | 453.6E6 | 169.9E6  | 47.216  | 52.525 |
| 12)                         | B 4,4'-DDE      | 5.408 | 6.211 | 460.6E6 | 162.0E6  | 48.096  | 52.380 |
| 13)                         | MA Dieldrin     | 5.530 | 6.354 | 468.6E6 | 156.1E6  | 48.057  | 51.527 |
| 14)                         | MA Endrin       | 5.783 | 6.567 | 416.1E6 | 126.2E6  | 46.485  | 49.100 |
| 15)                         | B Endosulfa...  | 6.058 | 6.771 | 414.3E6 | 128.5E6  | 47.646  | 50.040 |
| 16)                         | A 4,4'-DDD      | 5.919 | 6.691 | 372.6E6 | 116.4E6  | 46.756  | 51.988 |
| 17)                         | MA 4,4'-DDT     | 6.152 | 6.989 | 357.1E6 | 111.3E6  | 47.103  | 47.291 |
| 18)                         | B Endrin al...  | 6.225 | 6.893 | 311.4E6 | 108.6E6  | 45.944  | 49.993 |
| 19)                         | B Endosulfa...  | 6.436 | 7.115 | 368.4E6 | 119.4E6  | 45.279  | 49.786 |
| 20)                         | A Methoxychlor  | 6.700 | 7.444 | 183.5E6 | 59341805 | 44.834  | 47.913 |
| 21)                         | B Endrin ke...  | 6.916 | 7.578 | 423.7E6 | 123.1E6  | 49.226m | 49.809 |
| -----                       |                 |       |       |         |          |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL082018\  
Data File : PL039338.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 20 Aug 2018 19:16  
Operator : AJ\SJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

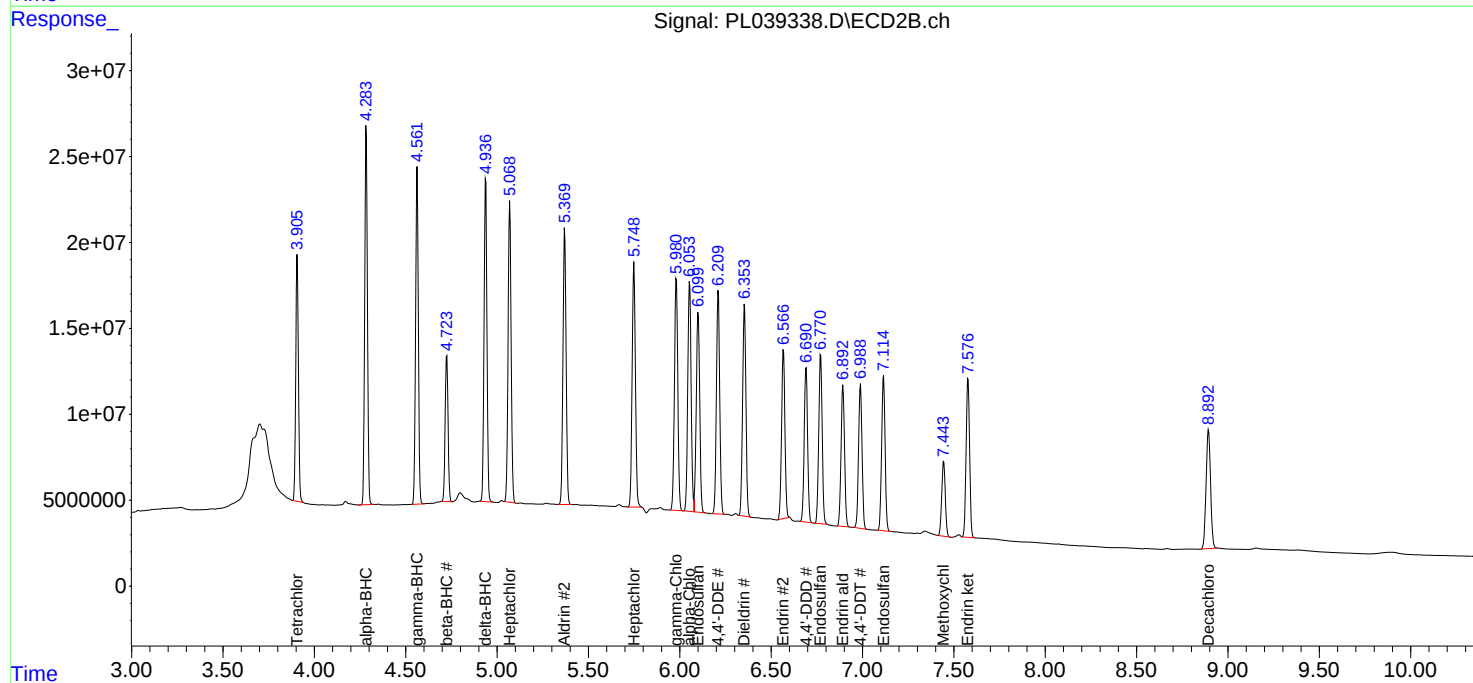
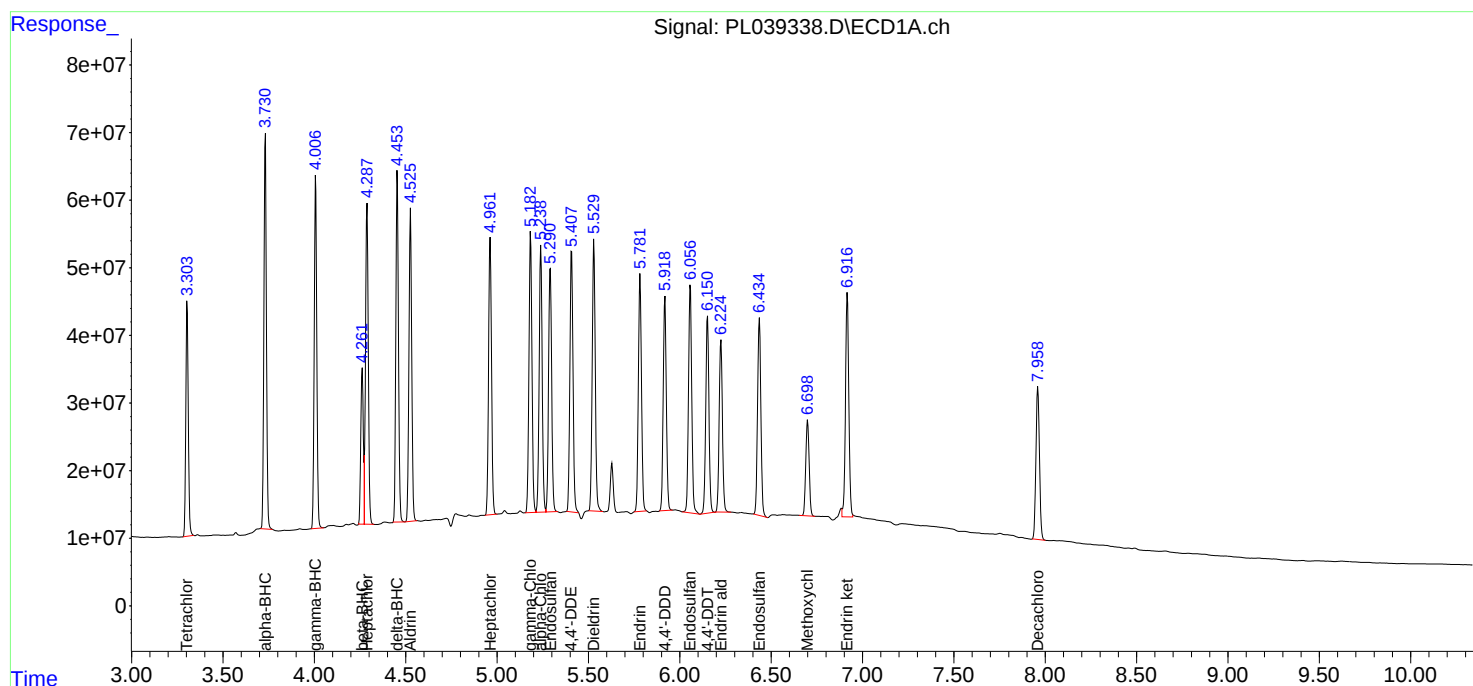
Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

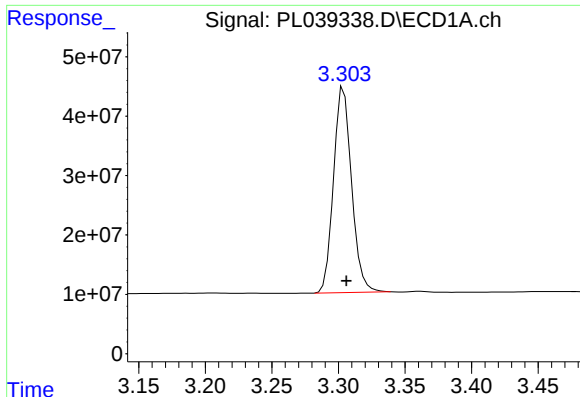
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 21 04:25:28 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081318.M  
Quant Title : GC Extractables  
QLast Update : Wed Aug 15 15:04:22 2018  
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





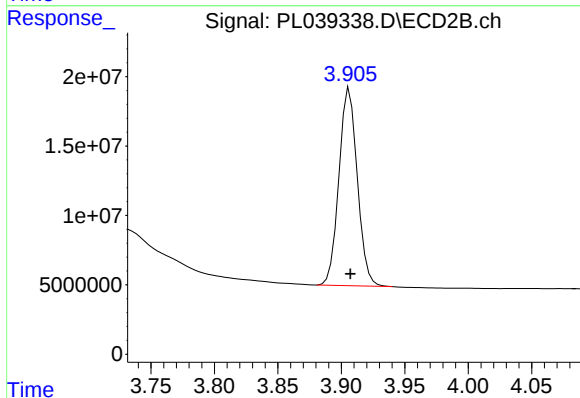
#1 Tetrachloro-m-xylene

R.T.: 3.304 min  
Delta R.T.: -0.002 min  
Response: 327320540  
Conc: 46.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

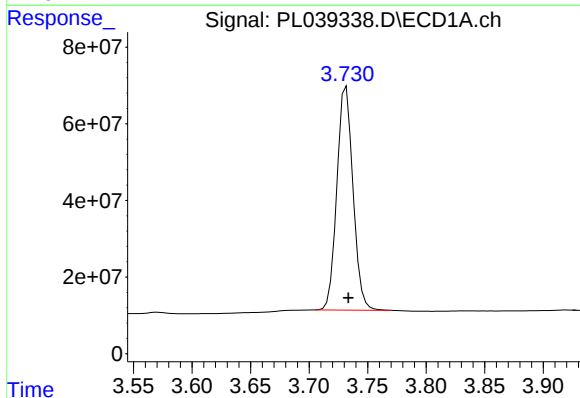
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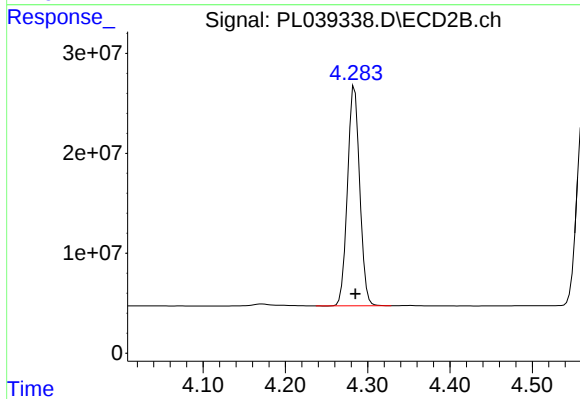
#1 Tetrachloro-m-xylene

R.T.: 3.906 min  
Delta R.T.: 0.000 min  
Response: 143378554  
Conc: 53.48 ng/ml



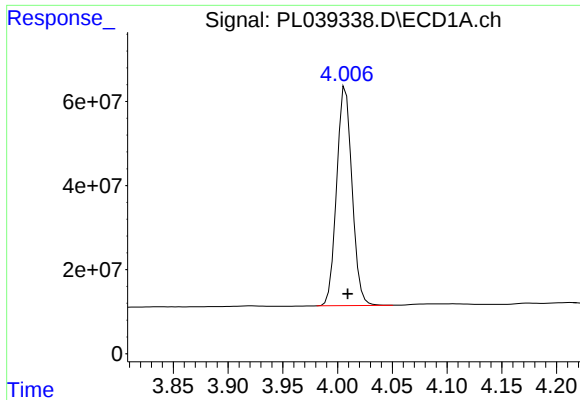
#2 alpha-BHC

R.T.: 3.732 min  
Delta R.T.: -0.002 min  
Response: 560116570  
Conc: 47.39 ng/ml



#2 alpha-BHC

R.T.: 4.284 min  
Delta R.T.: 0.000 min  
Response: 227608134  
Conc: 54.05 ng/ml



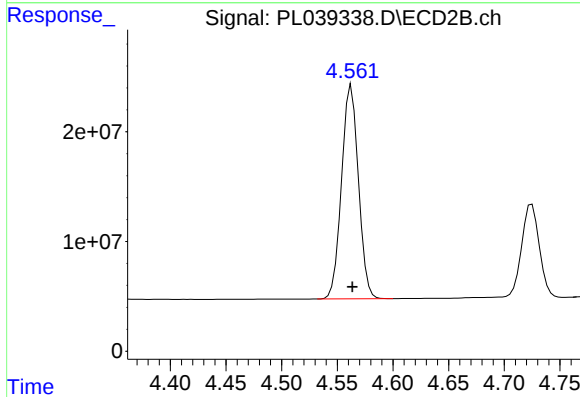
#3 gamma-BHC (Lindane)

R.T.: 4.007 min  
Delta R.T.: -0.002 min  
Response: 507852364  
Conc: 47.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

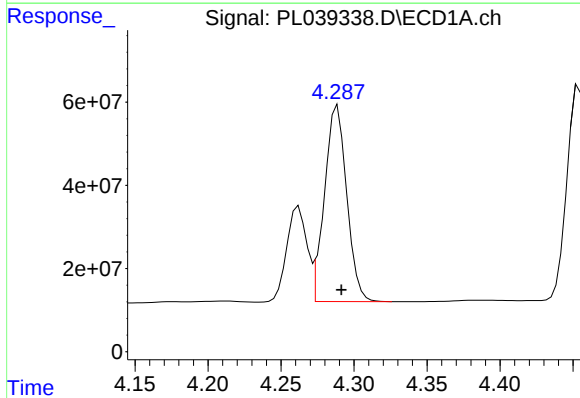
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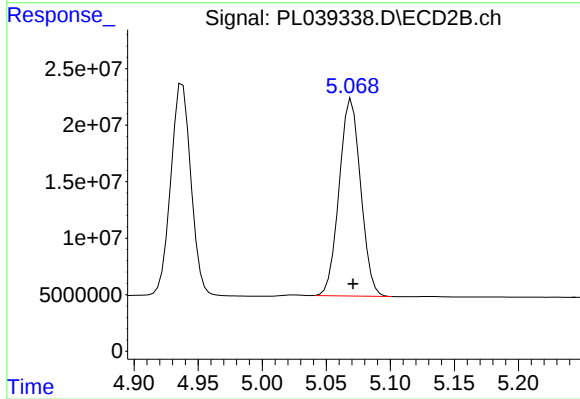
#3 gamma-BHC (Lindane)

R.T.: 4.563 min  
Delta R.T.: 0.000 min  
Response: 205503393  
Conc: 51.04 ng/ml



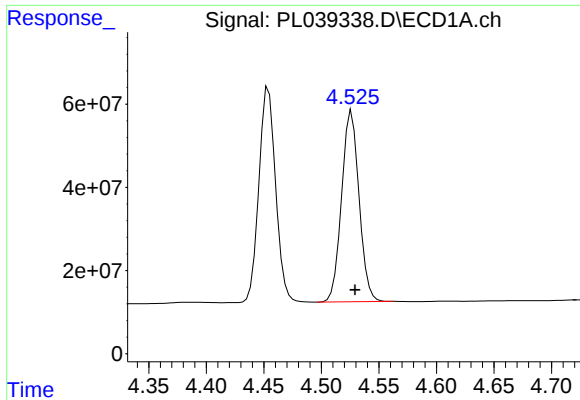
#4 Heptachlor

R.T.: 4.289 min  
Delta R.T.: -0.003 min  
Response: 500000776  
Conc: 47.50 ng/ml



#4 Heptachlor

R.T.: 5.070 min  
Delta R.T.: -0.001 min  
Response: 203445686  
Conc: 56.89 ng/ml



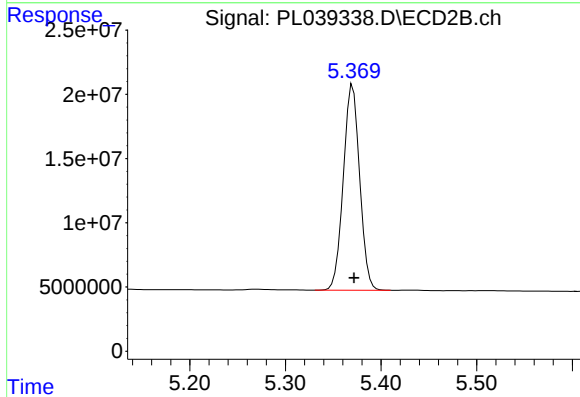
#5 Aldrin

R.T.: 4.526 min  
Delta R.T.: -0.003 min  
Response: 485771210  
Conc: 48.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

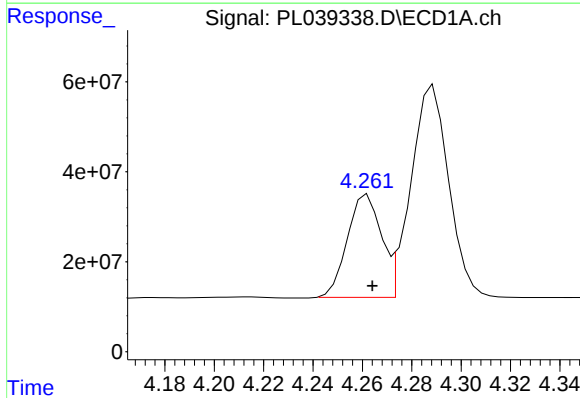
Manual Integrations  
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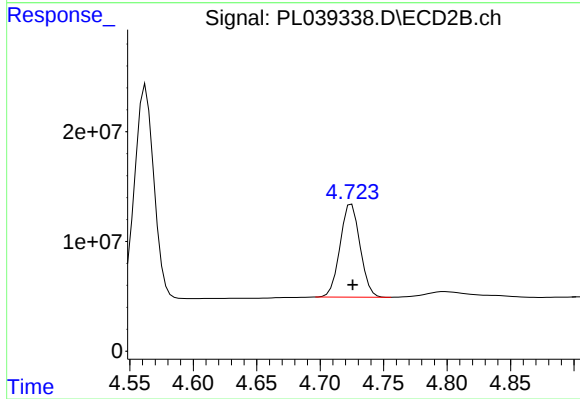
#5 Aldrin

R.T.: 5.370 min  
Delta R.T.: -0.002 min  
Response: 190730269  
Conc: 53.88 ng/ml



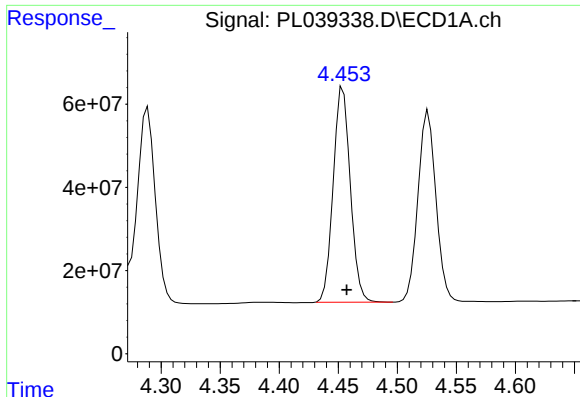
#6 beta-BHC

R.T.: 4.262 min  
Delta R.T.: -0.002 min  
Response: 218586372  
Conc: 47.05 ng/ml



#6 beta-BHC

R.T.: 4.725 min  
Delta R.T.: 0.000 min  
Response: 93126801  
Conc: 53.17 ng/ml



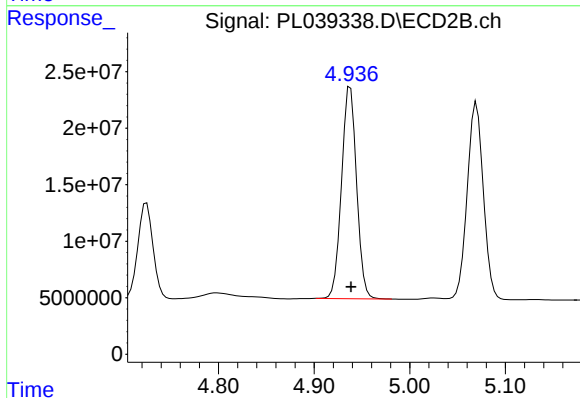
#7 delta-BHC

R.T.: 4.454 min  
Delta R.T.: -0.003 min  
Response: 521981058  
Conc: 48.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

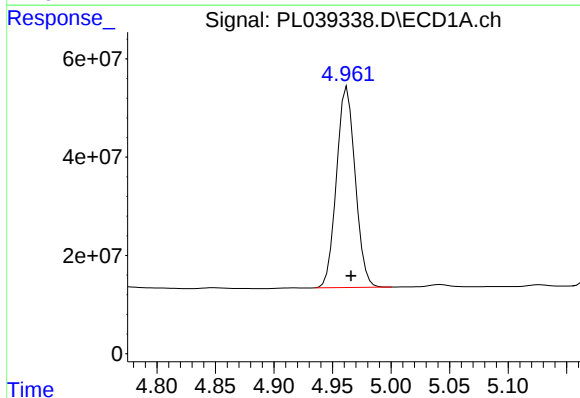
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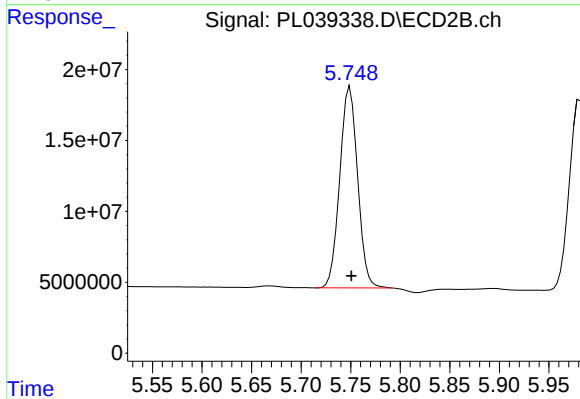
#7 delta-BHC

R.T.: 4.938 min  
Delta R.T.: 0.000 min  
Response: 205793480  
Conc: 51.69 ng/ml



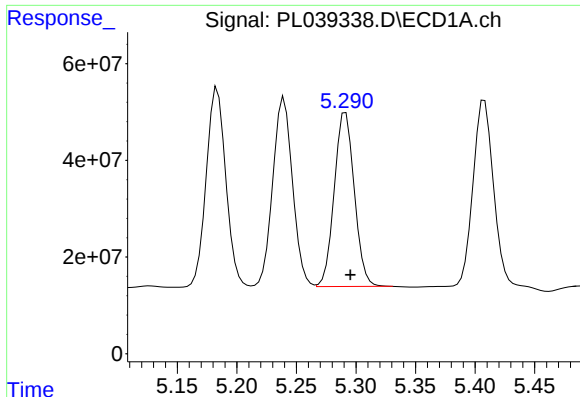
#8 Heptachlor epoxide

R.T.: 4.963 min  
Delta R.T.: -0.003 min  
Response: 454560423  
Conc: 47.60 ng/ml



#8 Heptachlor epoxide

R.T.: 5.749 min  
Delta R.T.: -0.002 min  
Response: 177950505  
Conc: 52.91 ng/ml



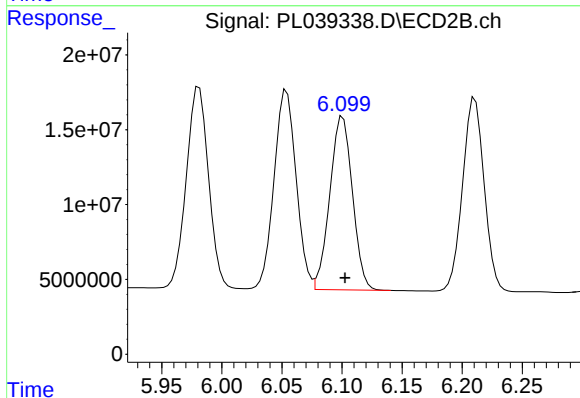
#9 Endosulfan I

R.T.: 5.291 min  
Delta R.T.: -0.004 min  
Response: 421885754  
Conc: 48.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

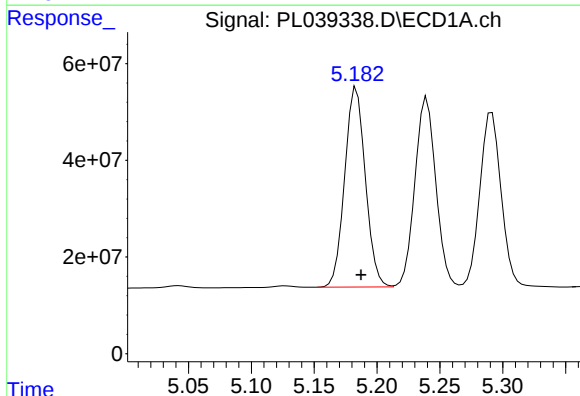
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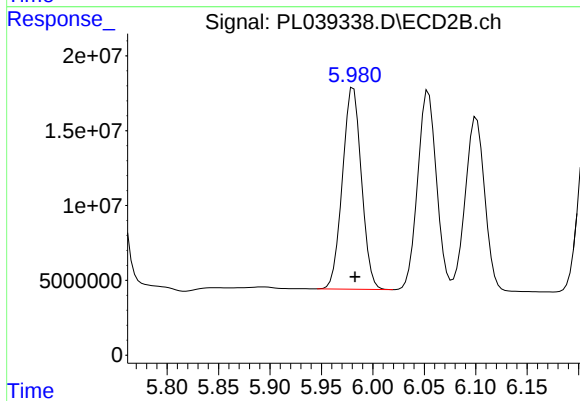
#9 Endosulfan I

R.T.: 6.101 min  
Delta R.T.: -0.002 min  
Response: 152127136  
Conc: 51.86 ng/ml



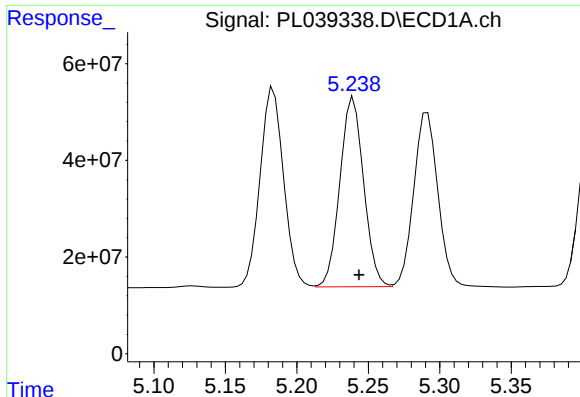
#10 gamma-Chlordane

R.T.: 5.184 min  
Delta R.T.: -0.004 min  
Response: 472112982  
Conc: 47.80 ng/ml



#10 gamma-Chlordane

R.T.: 5.981 min  
Delta R.T.: -0.002 min  
Response: 173002354  
Conc: 53.45 ng/ml



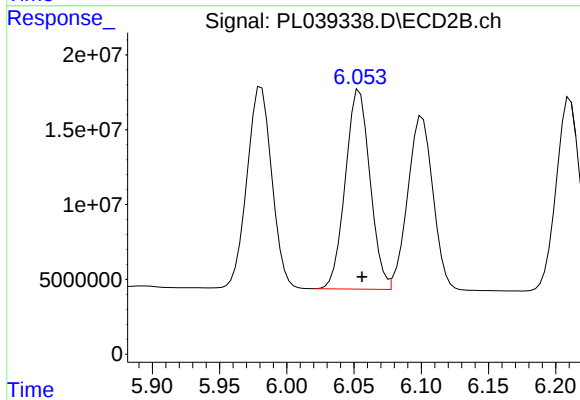
#11 alpha-Chlordane

R.T.: 5.240 min  
Delta R.T.: -0.004 min  
Response: 453616003  
Conc: 47.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

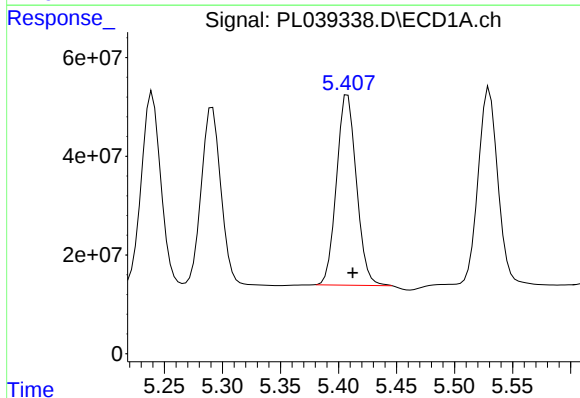
Manual Integrations  
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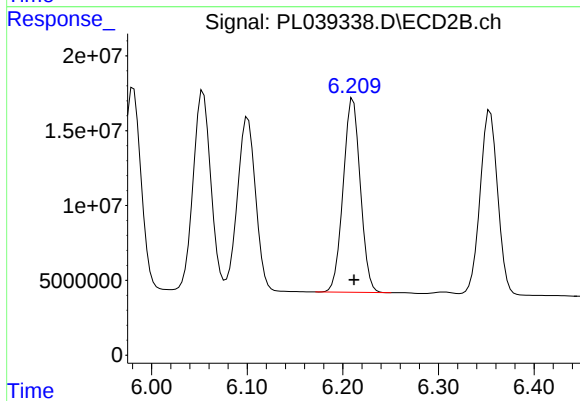
#11 alpha-Chlordane

R.T.: 6.054 min  
Delta R.T.: -0.002 min  
Response: 169919717  
Conc: 52.52 ng/ml



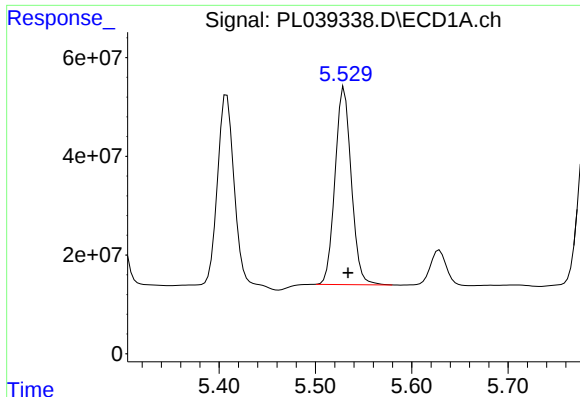
#12 4,4'-DDE

R.T.: 5.408 min  
Delta R.T.: -0.004 min  
Response: 460569318  
Conc: 48.10 ng/ml



#12 4,4'-DDE

R.T.: 6.211 min  
Delta R.T.: -0.001 min  
Response: 161959065  
Conc: 52.38 ng/ml



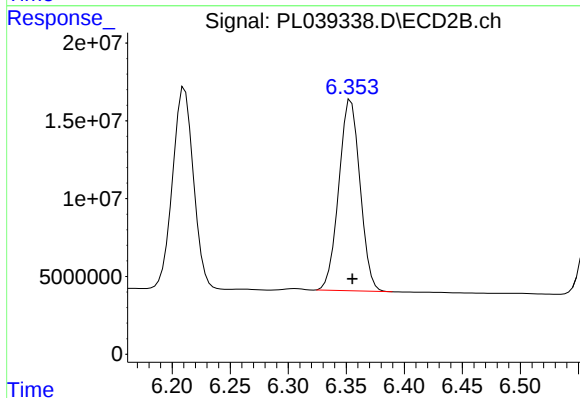
#13 Dieldrin

R.T.: 5.530 min  
Delta R.T.: -0.004 min  
Response: 468643020  
Conc: 48.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

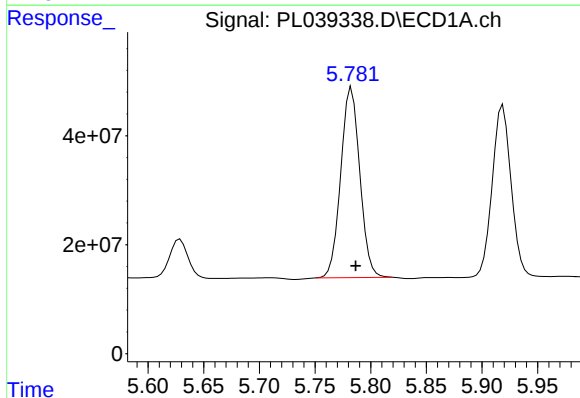
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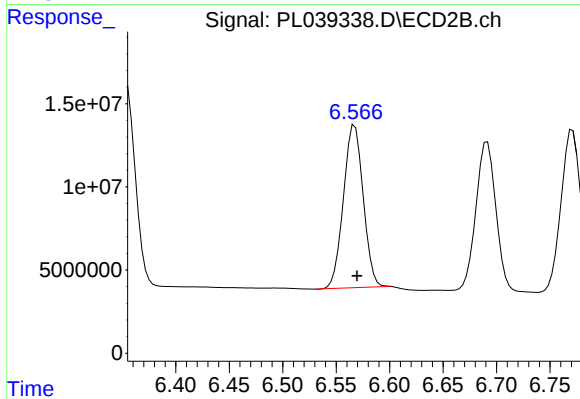
#13 Dieldrin

R.T.: 6.354 min  
Delta R.T.: -0.001 min  
Response: 156094412  
Conc: 51.53 ng/ml



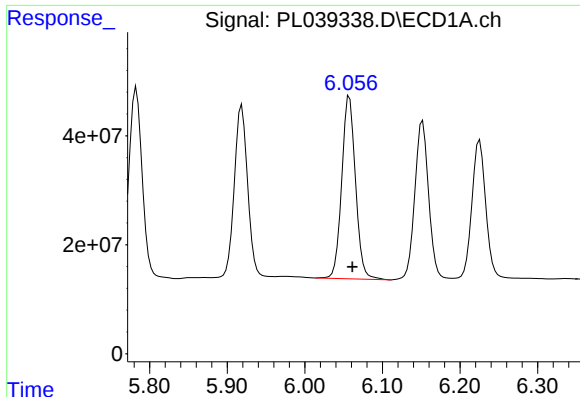
#14 Endrin

R.T.: 5.783 min  
Delta R.T.: -0.004 min  
Response: 416091595  
Conc: 46.49 ng/ml



#14 Endrin

R.T.: 6.567 min  
Delta R.T.: -0.002 min  
Response: 126249383  
Conc: 49.10 ng/ml



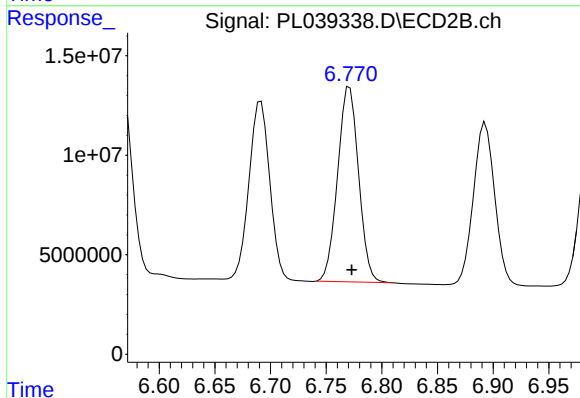
#15 Endosulfan II

R.T.: 6.058 min  
Delta R.T.: -0.004 min  
Response: 414293787  
Conc: 47.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

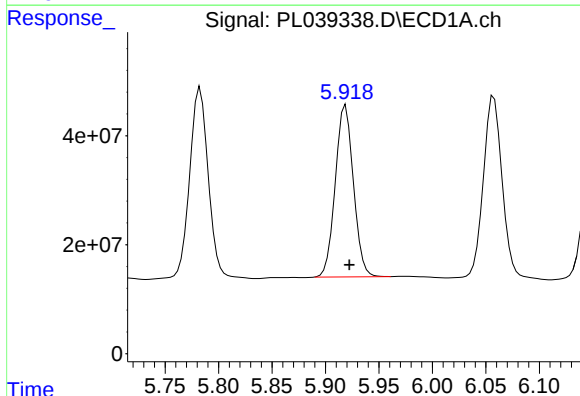
Manual Integrations  
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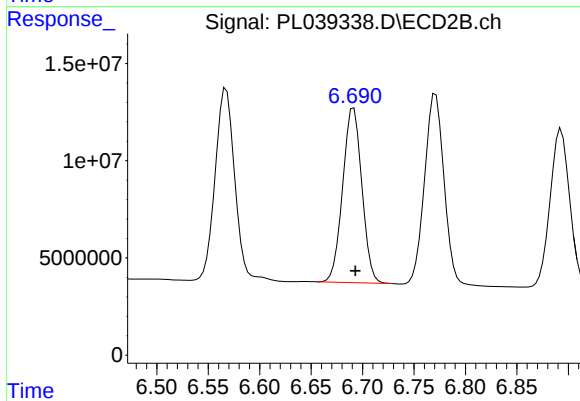
#15 Endosulfan II

R.T.: 6.771 min  
Delta R.T.: -0.002 min  
Response: 128530415  
Conc: 50.04 ng/ml



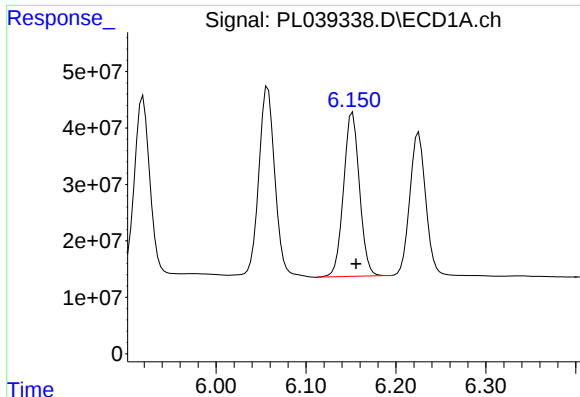
#16 4,4'-DDD

R.T.: 5.919 min  
Delta R.T.: -0.004 min  
Response: 372611910  
Conc: 46.76 ng/ml



#16 4,4'-DDD

R.T.: 6.691 min  
Delta R.T.: -0.002 min  
Response: 116422314  
Conc: 51.99 ng/ml



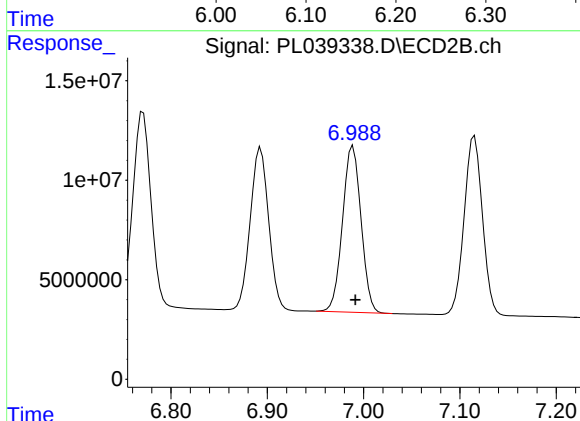
#17 4,4'-DDT

R.T.: 6.152 min  
Delta R.T.: -0.004 min  
Response: 357063136  
Conc: 47.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

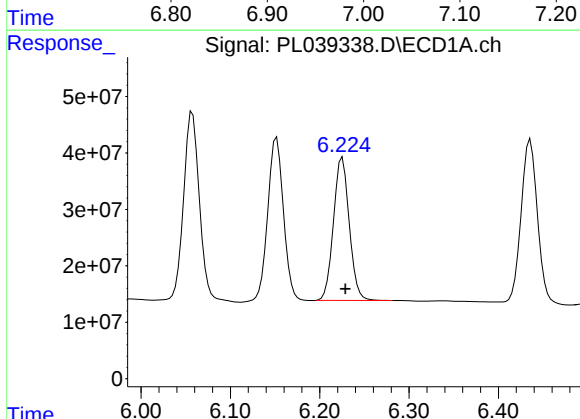
Manual Integrations  
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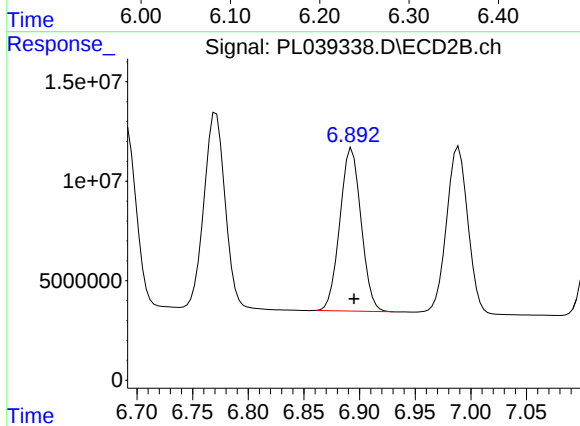
#17 4,4'-DDT

R.T.: 6.989 min  
Delta R.T.: -0.002 min  
Response: 111321374  
Conc: 47.29 ng/ml



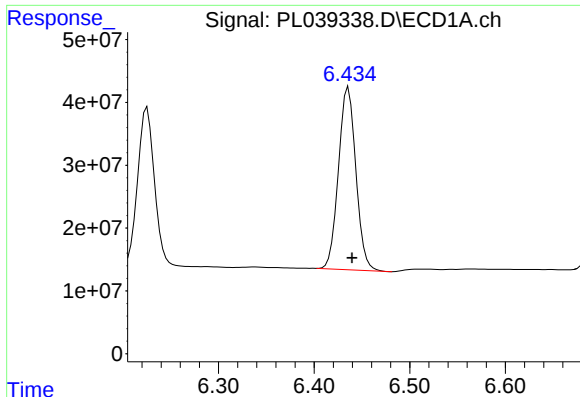
#18 Endrin aldehyde

R.T.: 6.225 min  
Delta R.T.: -0.003 min  
Response: 311357652  
Conc: 45.94 ng/ml



#18 Endrin aldehyde

R.T.: 6.893 min  
Delta R.T.: -0.002 min  
Response: 108551276  
Conc: 49.99 ng/ml



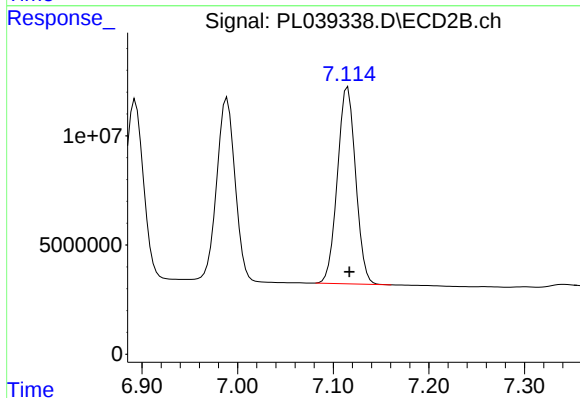
#19 Endosulfan Sulfate

R.T.: 6.436 min  
Delta R.T.: -0.004 min  
Response: 368423603  
Conc: 45.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

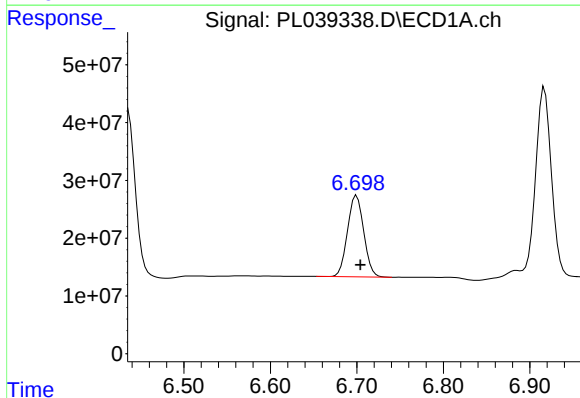
Manual Integrations  
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8/21/2018 11:17:04 AM



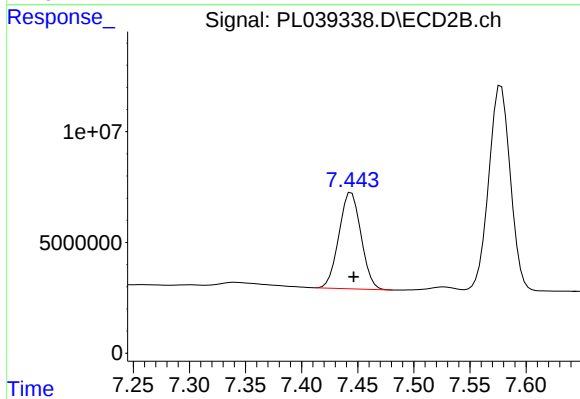
#19 Endosulfan Sulfate

R.T.: 7.115 min  
Delta R.T.: -0.002 min  
Response: 119352652  
Conc: 49.79 ng/ml



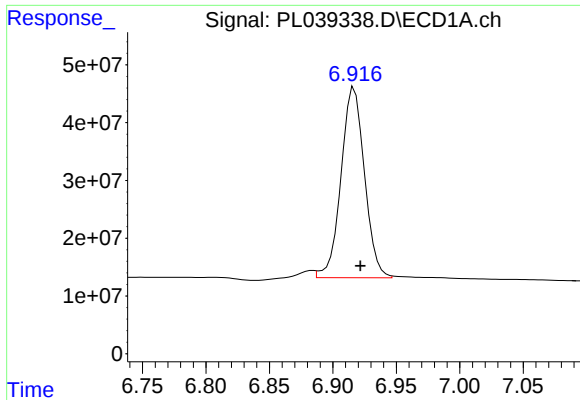
#20 Methoxychlor

R.T.: 6.700 min  
Delta R.T.: -0.004 min  
Response: 183470055  
Conc: 44.83 ng/ml



#20 Methoxychlor

R.T.: 7.444 min  
Delta R.T.: -0.002 min  
Response: 59341805  
Conc: 47.91 ng/ml



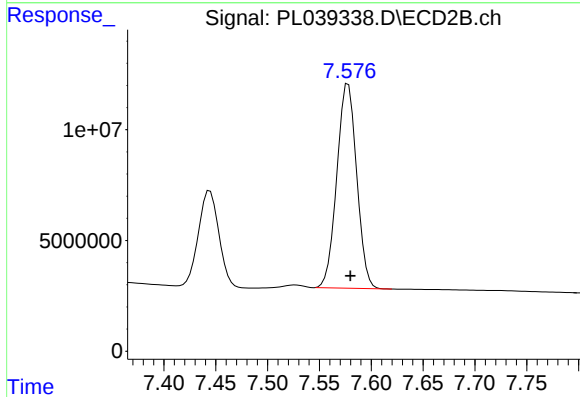
#21 Endrin ketone

R.T.: 6.916 min  
Delta R.T.: -0.006 min  
Response: 423680882  
Conc: 49.23 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

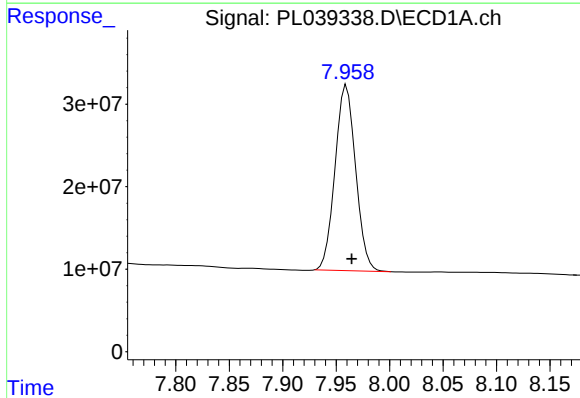
Manual Integrations  
APPROVED

Sohil  
8/21/2018 11:17:04 AM



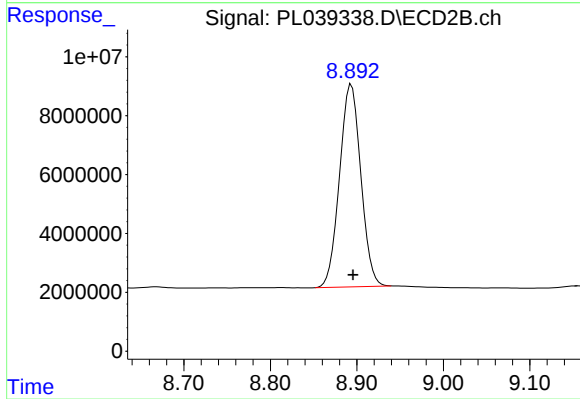
#21 Endrin ketone

R.T.: 7.578 min  
Delta R.T.: -0.002 min  
Response: 123076339  
Conc: 49.81 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.960 min  
Delta R.T.: -0.005 min  
Response: 301415504  
Conc: 42.92 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.894 min  
Delta R.T.: -0.002 min  
Response: 117246234  
Conc: 50.52 ng/ml