

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL091019\  
 Data File : PL052337.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Sep 2019 14:59  
 Operator : SG\AJ  
 Sample : K4548-09MS  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 T8-S-G1-G4MS

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 11 00:48:23 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081919.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Aug 19 18:03:07 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

|                             | Compound        | RT#1   | RT#2  | Resp#1  | Resp#2   | ng/ml   | ng/ml    |
|-----------------------------|-----------------|--------|-------|---------|----------|---------|----------|
| -----                       |                 |        |       |         |          |         |          |
| System Monitoring Compounds |                 |        |       |         |          |         |          |
| 1)                          | SA Tetrachlo... | 3.313  | 3.922 | 187.4E6 | 53777849 | 21.896  | 24.614   |
| 2)                          | SA Decachlor... | 7.968  | 8.945 | 210.4E6 | 47163114 | 17.333  | 15.494   |
| Target Compounds            |                 |        |       |         |          |         |          |
| 2)                          | A alpha-BHC     | 3.740  | 4.310 | 829.2E6 | 192.9E6  | 57.226  | 59.854   |
| 3)                          | MA gamma-BHC... | 4.015  | 4.593 | 776.6E6 | 186.6E6  | 59.025  | 59.260   |
| 4)                          | MA Heptachlor   | 4.298  | 5.093 | 829.0E6 | 190.6E6  | 54.758  | 54.355   |
| 5)                          | MB Aldrin       | 4.536  | 5.395 | 771.2E6 | 180.3E6  | 53.366  | 54.983   |
| 6)                          | B beta-BHC      | 4.270  | 4.770 | 322.4E6 | 87425305 | 56.458  | 59.986   |
| 7)                          | B delta-BHC     | 4.463  | 4.983 | 590.6E6 | 128.4E6  | 39.721  | 41.034   |
| 8)                          | B Heptachlo...  | 4.971  | 5.781 | 701.2E6 | 183.1E6  | 50.139  | 54.255   |
| 9)                          | A Endosulfan I  | 5.301  | 6.136 | 638.9E6 | 167.4E6  | 47.528  | 51.761   |
| 10)                         | B gamma-Chl...  | 5.193  | 6.015 | 721.5E6 | 189.4E6  | 48.321  | 51.862   |
| 11)                         | B alpha-Chl...  | 5.249  | 6.086 | 689.3E6 | 176.1E6  | 47.630  | 51.022   |
| 12)                         | B 4,4'-DDE      | 5.416  | 6.247 | 675.9E6 | 180.4E6  | 49.386  | 51.247   |
| 13)                         | MA Dieldrin     | 5.540  | 6.391 | 841.3E6 | 210.9E6  | 55.330  | 61.597m  |
| 14)                         | MA Endrin       | 5.793  | 6.609 | 772.6E6 | 164.8E6  | 52.969  | 54.501   |
| 15)                         | B Endosulfa...  | 6.067  | 6.822 | 655.4E6 | 172.4E6  | 47.103  | 52.314   |
| 16)                         | A 4,4'-DDD      | 5.927  | 6.737 | 539.3E6 | 176.7E6  | 44.042  | 65.261m# |
| 17)                         | MA 4,4'-DDT     | 6.159  | 7.033 | 791.1E6 | 148.1E6  | 62.039  | 50.587m  |
| 18)                         | B Endrin al...  | 6.235  | 6.946 | 631.8E6 | 137.0E6  | 54.311  | 48.490   |
| 19)                         | B Endosulfa...  | 6.442  | 7.169 | 857.7E6 | 150.5E6  | 65.927m | 48.730 # |
| 20)                         | A Methoxychlor  | 6.694f | 7.494 | 320.2E6 | 78191322 | 47.230m | 46.620   |
| 21)                         | B Endrin ke...  | 6.926  | 7.637 | 769.1E6 | 174.8E6  | 54.365  | 54.645   |
| 22)                         | Mirex           | 7.098  | 8.084 | 435.2E6 | 114.9E6  | 41.104  | 47.233   |
| -----                       |                 |        |       |         |          |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL091019\  
Data File : PL052337.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Sep 2019 14:59  
Operator : SG\AJ  
Sample : K4548-09MS  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

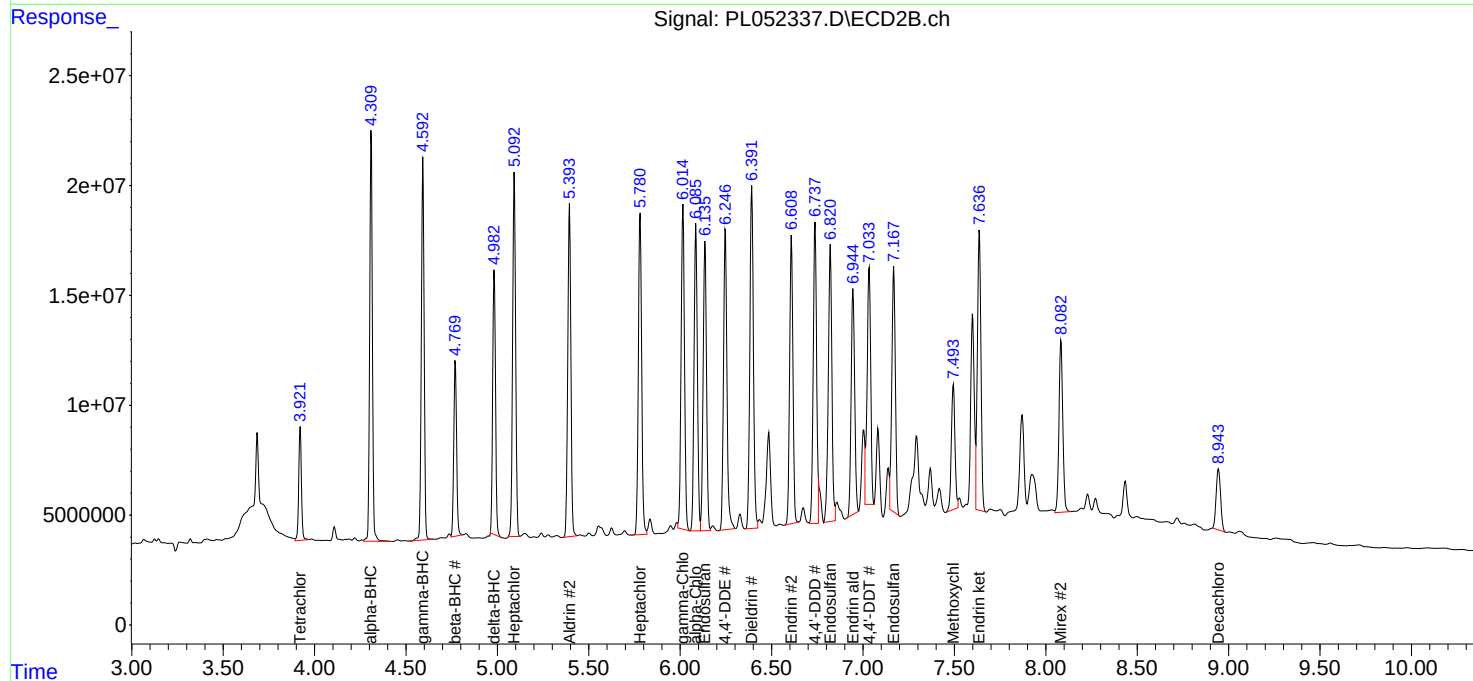
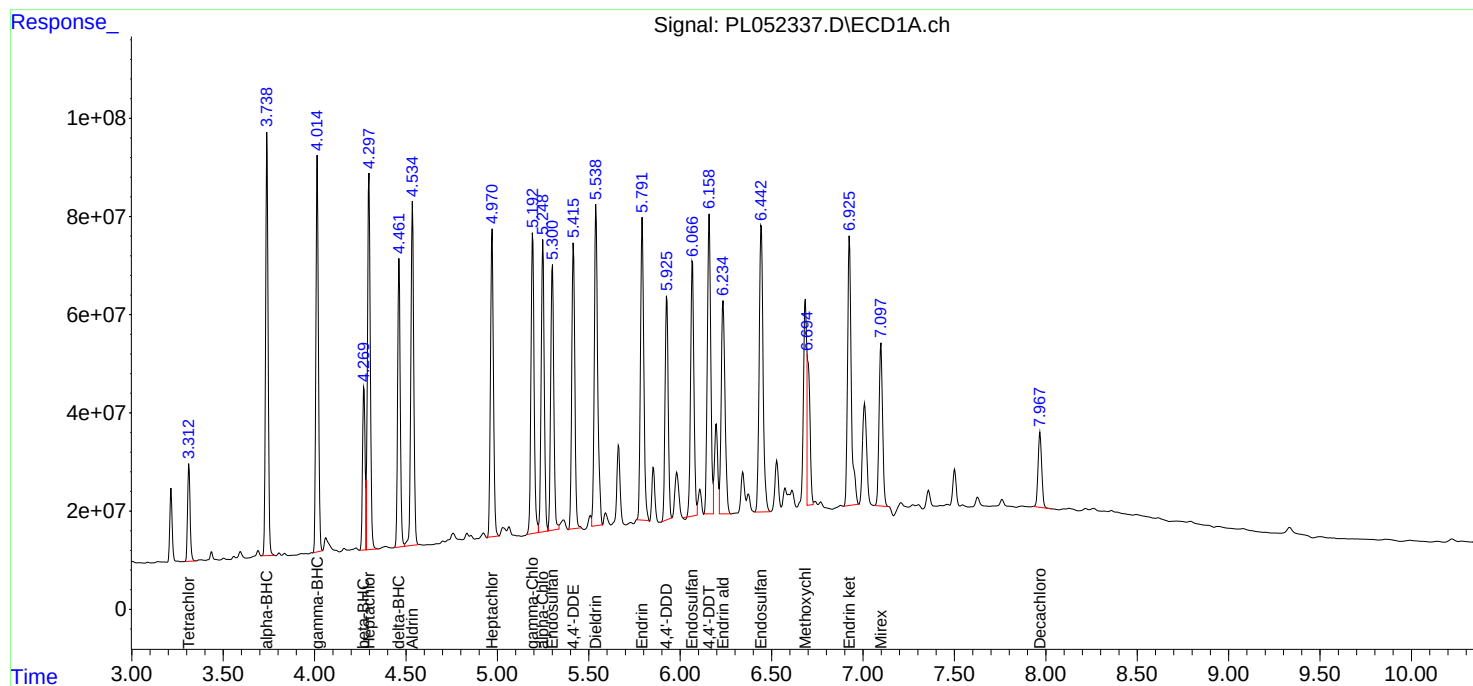
Instrument :  
ECD\_L  
ClientSampleId :  
T8-S-G1-G4MS

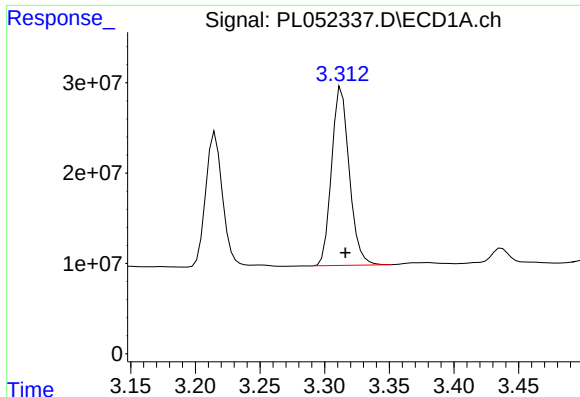
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 11 00:48:23 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081919.M  
Quant Title : GC Extractables  
QLast Update : Mon Aug 19 18:03:07 2019  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





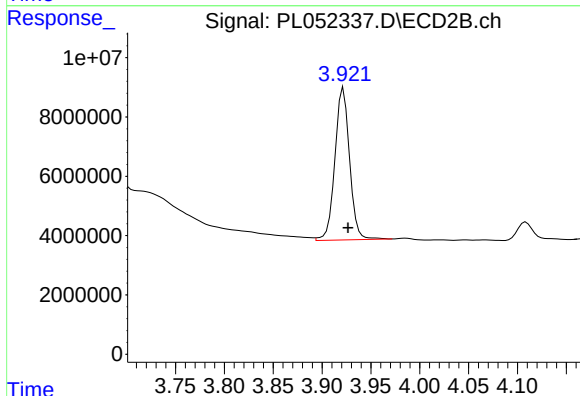
#1 Tetrachloro-m-xylene

R.T.: 3.313 min  
Delta R.T.: -0.003 min  
Response: 187402256  
Conc: 21.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
T8-S-G1-G4MS

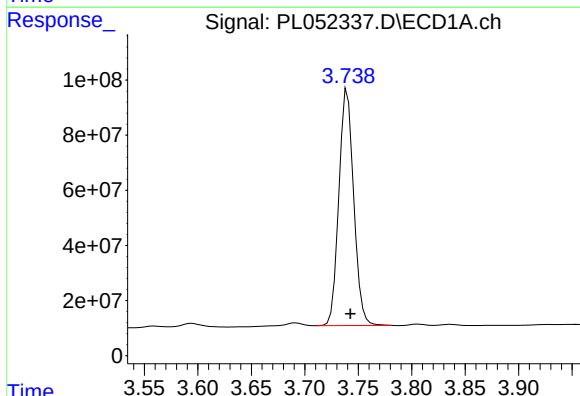
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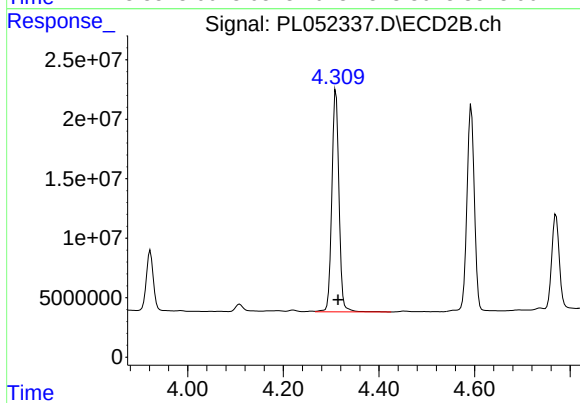
#1 Tetrachloro-m-xylene

R.T.: 3.922 min  
Delta R.T.: -0.005 min  
Response: 53777849  
Conc: 24.61 ng/ml



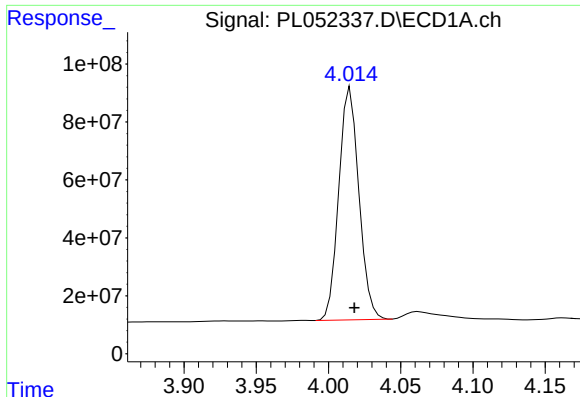
#2 alpha-BHC

R.T.: 3.740 min  
Delta R.T.: -0.003 min  
Response: 829192186  
Conc: 57.23 ng/ml



#2 alpha-BHC

R.T.: 4.310 min  
Delta R.T.: -0.005 min  
Response: 192872740  
Conc: 59.85 ng/ml



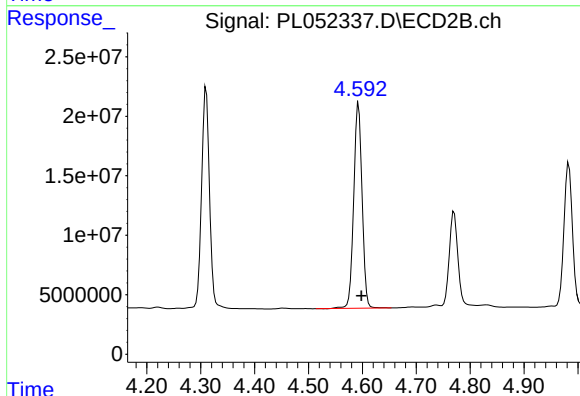
#3 gamma-BHC (Lindane)

R.T.: 4.015 min  
Delta R.T.: -0.003 min  
Response: 776572398  
Conc: 59.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
T8-S-G1-G4MS

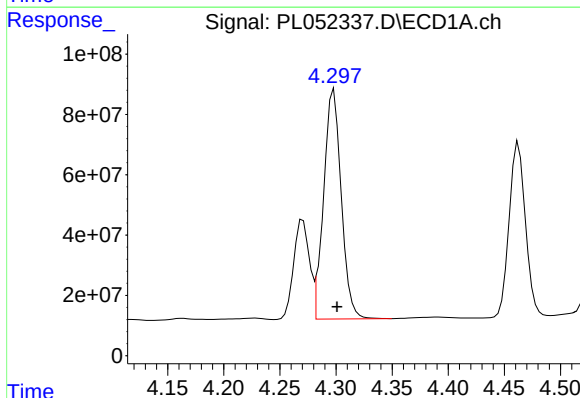
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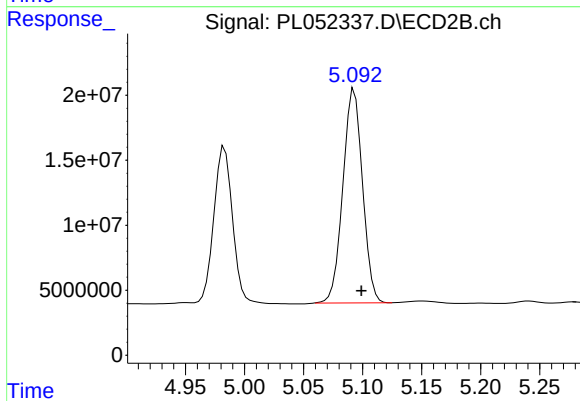
#3 gamma-BHC (Lindane)

R.T.: 4.593 min  
Delta R.T.: -0.005 min  
Response: 186567001  
Conc: 59.26 ng/ml



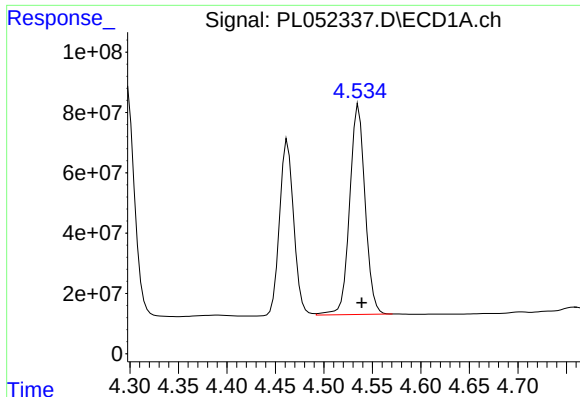
#4 Heptachlor

R.T.: 4.298 min  
Delta R.T.: -0.003 min  
Response: 828965971  
Conc: 54.76 ng/ml



#4 Heptachlor

R.T.: 5.093 min  
Delta R.T.: -0.006 min  
Response: 190617099  
Conc: 54.35 ng/ml



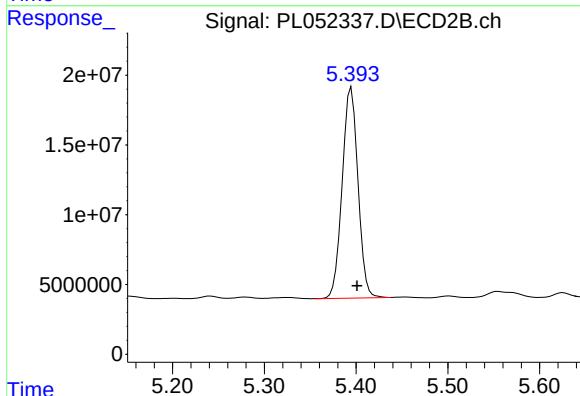
#5 Aldrin

R.T.: 4.536 min  
Delta R.T.: -0.003 min  
Response: 771173900  
Conc: 53.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
T8-S-G1-G4MS

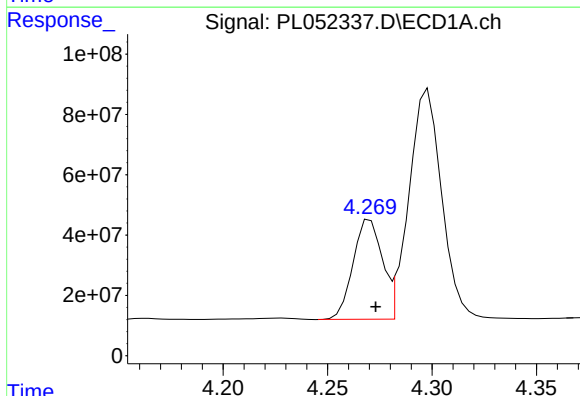
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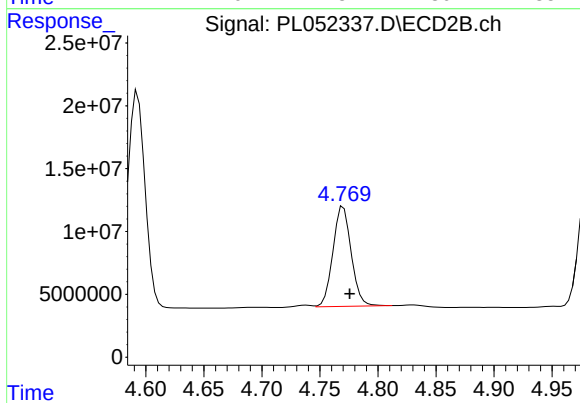
#5 Aldrin

R.T.: 5.395 min  
Delta R.T.: -0.006 min  
Response: 180283514  
Conc: 54.98 ng/ml



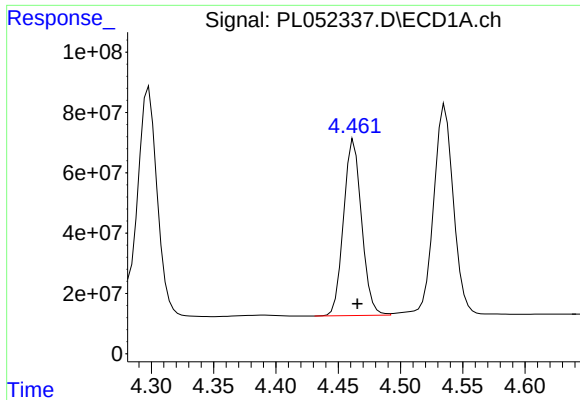
#6 beta-BHC

R.T.: 4.270 min  
Delta R.T.: -0.002 min  
Response: 322380107  
Conc: 56.46 ng/ml



#6 beta-BHC

R.T.: 4.770 min  
Delta R.T.: -0.006 min  
Response: 87425305  
Conc: 59.99 ng/ml



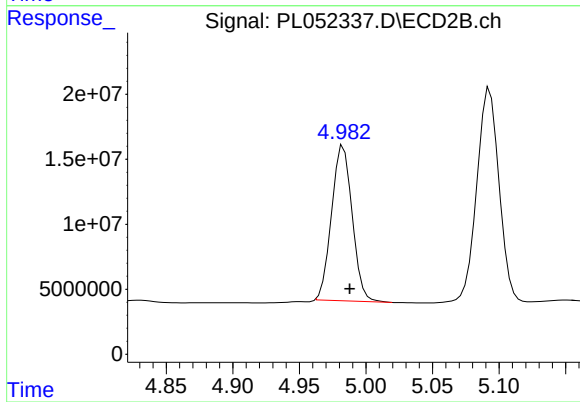
#7 delta-BHC

R.T.: 4.463 min  
Delta R.T.: -0.003 min  
Response: 590610915  
Conc: 39.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
T8-S-G1-G4MS

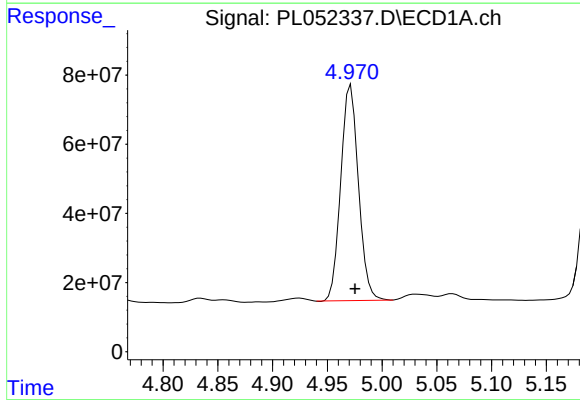
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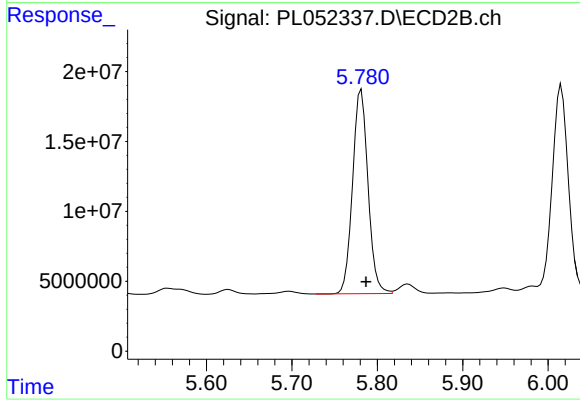
#7 delta-BHC

R.T.: 4.983 min  
Delta R.T.: -0.005 min  
Response: 128425522  
Conc: 41.03 ng/ml



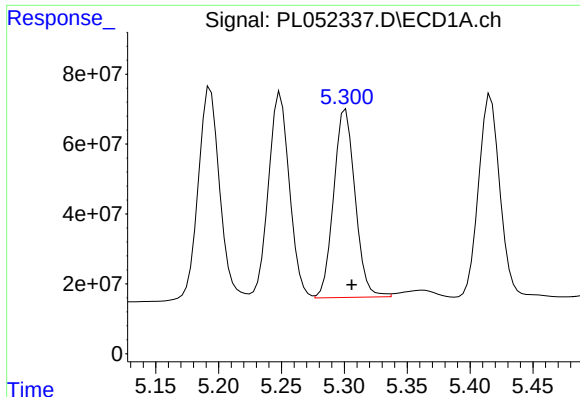
#8 Heptachlor epoxide

R.T.: 4.971 min  
Delta R.T.: -0.004 min  
Response: 701214631  
Conc: 50.14 ng/ml



#8 Heptachlor epoxide

R.T.: 5.781 min  
Delta R.T.: -0.006 min  
Response: 183100448  
Conc: 54.26 ng/ml



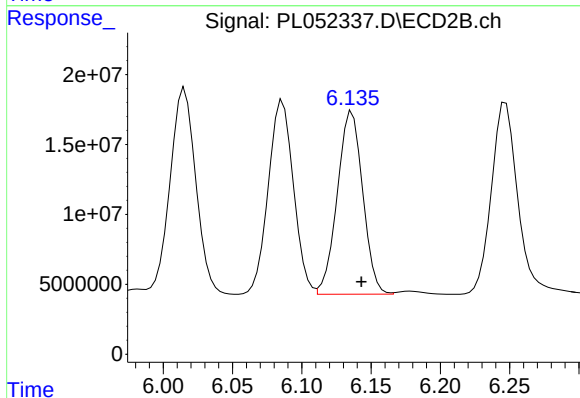
#9 Endosulfan I

R.T.: 5.301 min  
Delta R.T.: -0.005 min  
Response: 638948456  
Conc: 47.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
T8-S-G1-G4MS

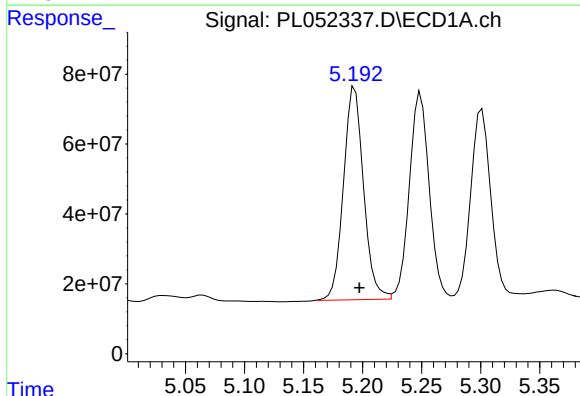
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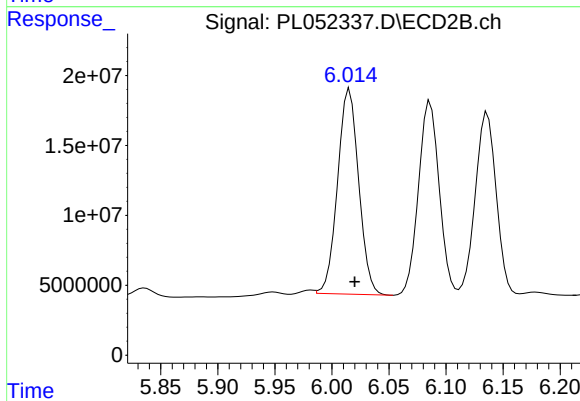
#9 Endosulfan I

R.T.: 6.136 min  
Delta R.T.: -0.007 min  
Response: 167352967  
Conc: 51.76 ng/ml



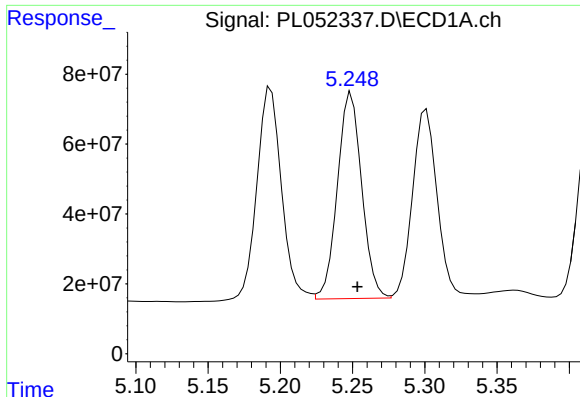
#10 gamma-Chlordane

R.T.: 5.193 min  
Delta R.T.: -0.004 min  
Response: 721521456  
Conc: 48.32 ng/ml



#10 gamma-Chlordane

R.T.: 6.015 min  
Delta R.T.: -0.005 min  
Response: 189350407  
Conc: 51.86 ng/ml



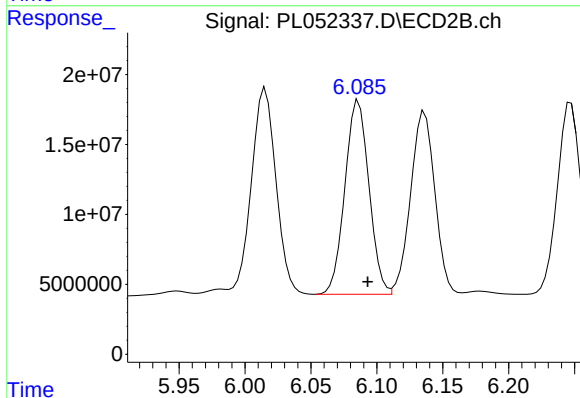
#11 alpha-Chlordane

R.T.: 5.249 min  
Delta R.T.: -0.004 min  
Response: 689273811  
Conc: 47.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
T8-S-G1-G4MS

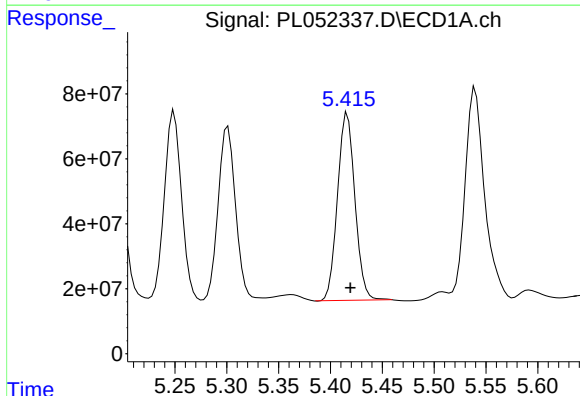
Manual Integrations  
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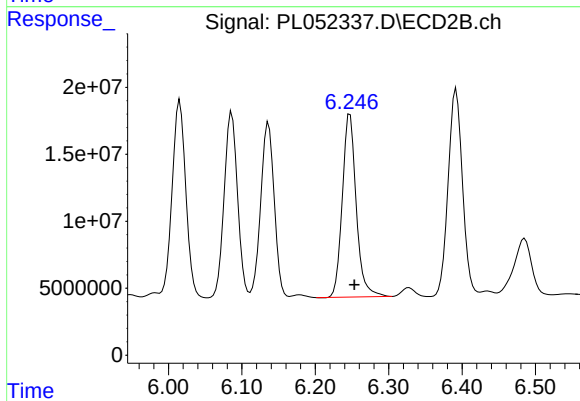
#11 alpha-Chlordane

R.T.: 6.086 min  
Delta R.T.: -0.007 min  
Response: 176076073  
Conc: 51.02 ng/ml



#12 4,4'-DDE

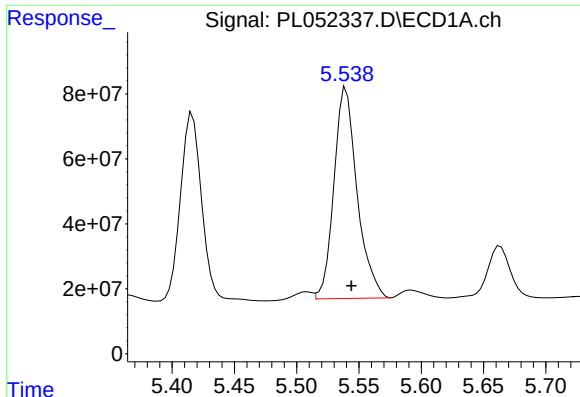
R.T.: 5.416 min  
Delta R.T.: -0.003 min  
Response: 675878956  
Conc: 49.39 ng/ml



#12 4,4'-DDE

R.T.: 6.247 min  
Delta R.T.: -0.006 min  
Response: 180394253  
Conc: 51.25 ng/ml





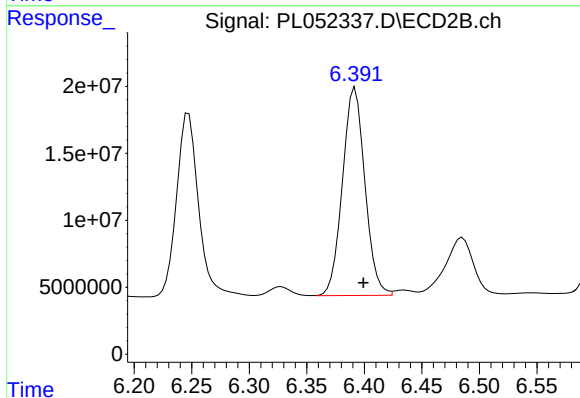
#13 Dieldrin

R.T.: 5.540 min  
Delta R.T.: -0.004 min  
Response: 841287763  
Conc: 55.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
T8-S-G1-G4MS

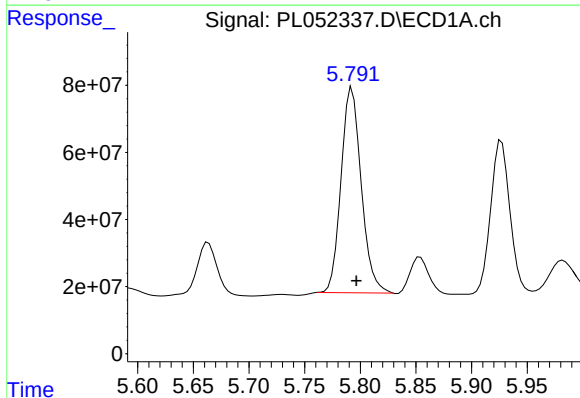
Manual Integrations  
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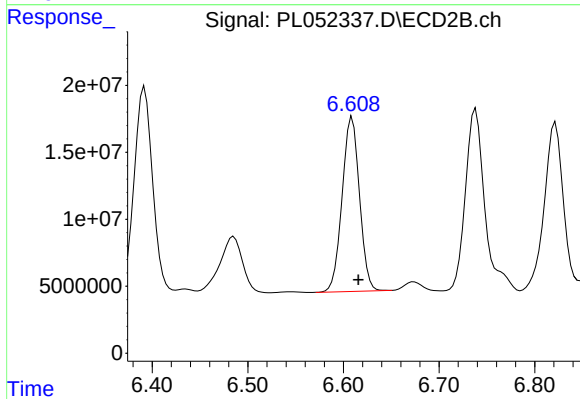
#13 Dieldrin

R.T.: 6.391 min  
Delta R.T.: -0.009 min  
Response: 210944721  
Conc: 61.60 ng/ml m



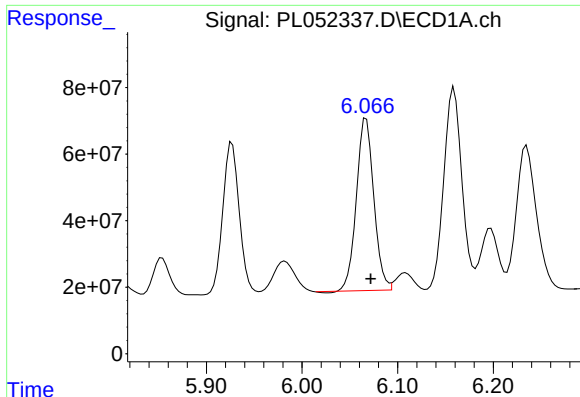
#14 Endrin

R.T.: 5.793 min  
Delta R.T.: -0.004 min  
Response: 772602484  
Conc: 52.97 ng/ml



#14 Endrin

R.T.: 6.609 min  
Delta R.T.: -0.007 min  
Response: 164846265  
Conc: 54.50 ng/ml



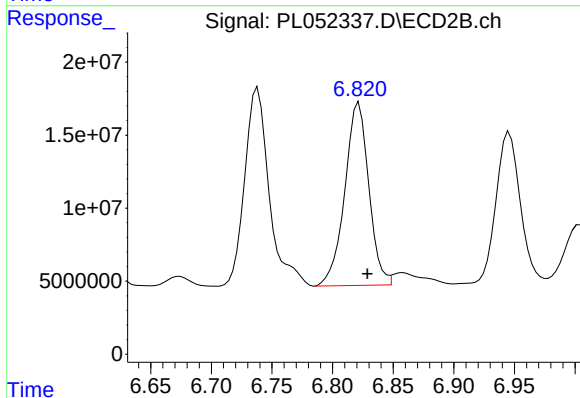
#15 Endosulfan II

R.T.: 6.067 min  
Delta R.T.: -0.005 min  
Response: 655391829  
Conc: 47.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
T8-S-G1-G4MS

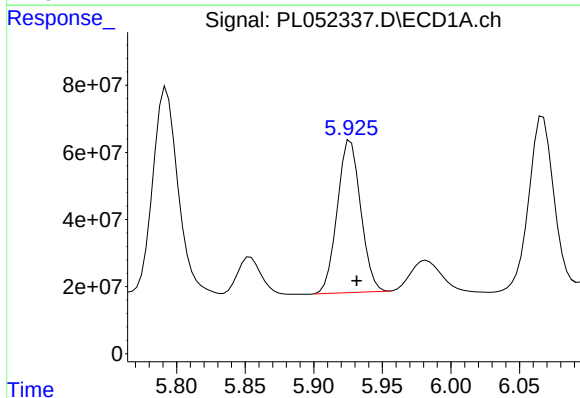
Manual Integrations  
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Ankita  
9/11/2019 11:04:01 AM



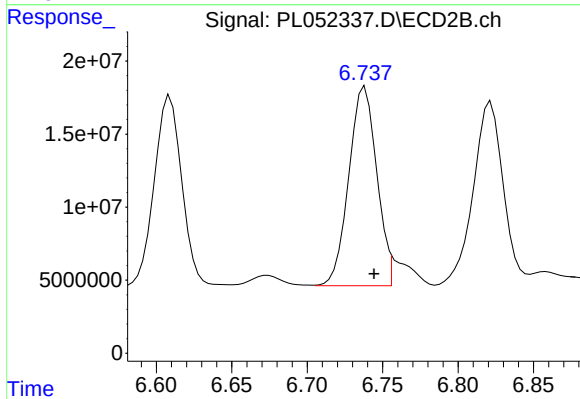
#15 Endosulfan II

R.T.: 6.822 min  
Delta R.T.: -0.007 min  
Response: 172428843  
Conc: 52.31 ng/ml



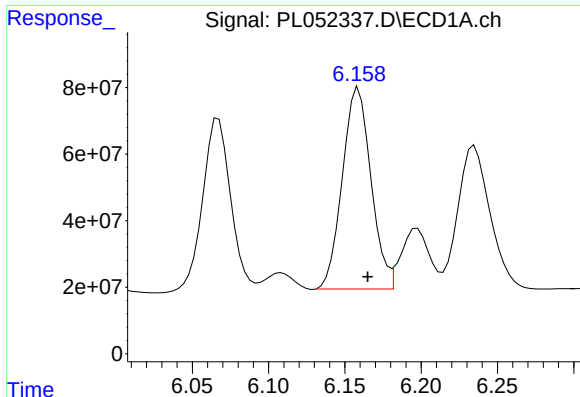
#16 4,4'-DDD

R.T.: 5.927 min  
Delta R.T.: -0.005 min  
Response: 539315810  
Conc: 44.04 ng/ml



#16 4,4'-DDD

R.T.: 6.737 min  
Delta R.T.: -0.007 min  
Response: 176683095  
Conc: 65.26 ng/ml m



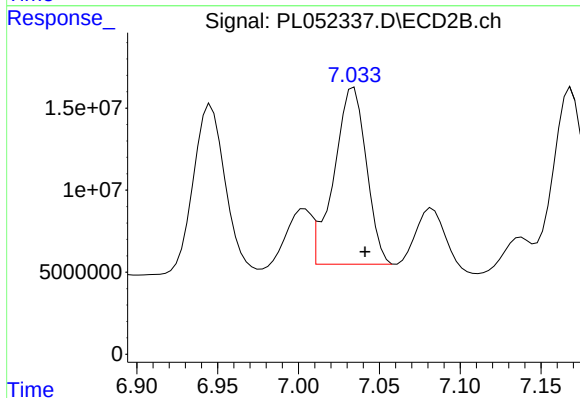
#17 4,4'-DDT

R.T.: 6.159 min  
Delta R.T.: -0.006 min  
Response: 791083999  
Conc: 62.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
T8-S-G1-G4MS

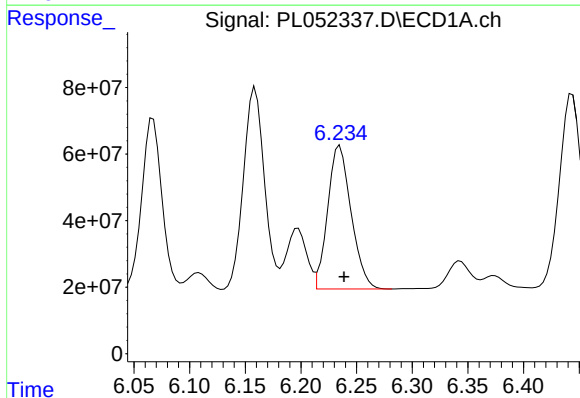
Manual Integrations  
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9/11/2019 11:04:01 AM



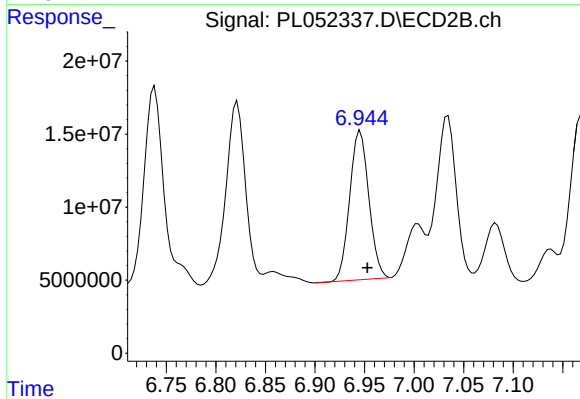
#17 4,4'-DDT

R.T.: 7.033 min  
Delta R.T.: -0.008 min  
Response: 148102506  
Conc: 50.59 ng/ml m



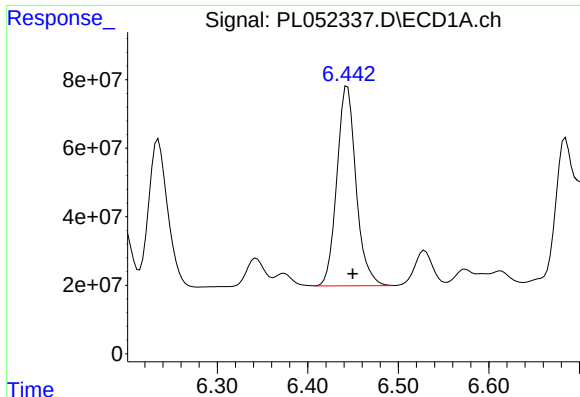
#18 Endrin aldehyde

R.T.: 6.235 min  
Delta R.T.: -0.004 min  
Response: 631813095  
Conc: 54.31 ng/ml



#18 Endrin aldehyde

R.T.: 6.946 min  
Delta R.T.: -0.007 min  
Response: 137042205  
Conc: 48.49 ng/ml



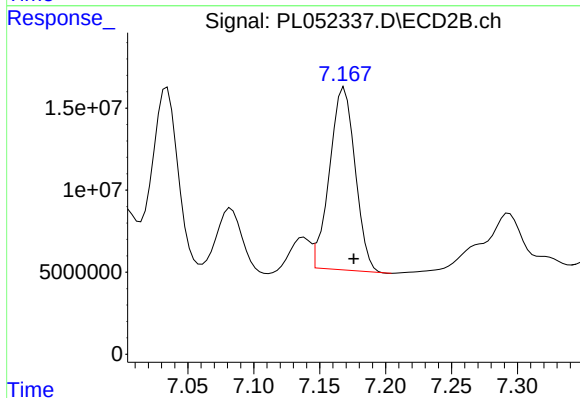
#19 Endosulfan Sulfate

R.T.: 6.442 min  
Delta R.T.: -0.007 min  
Response: 857650831  
Conc: 65.93 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
T8-S-G1-G4MS

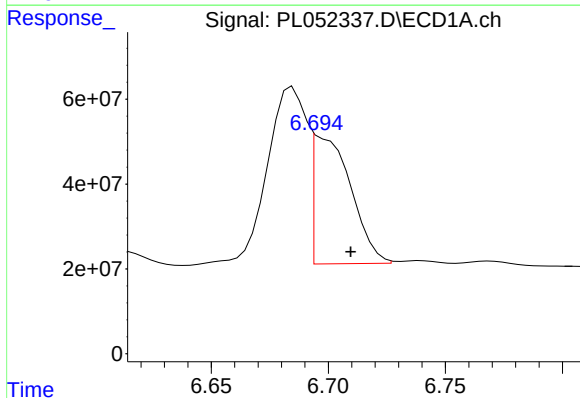
Manual Integrations  
APPROVED

Ankita  
9/11/2019 11:04:01 AM



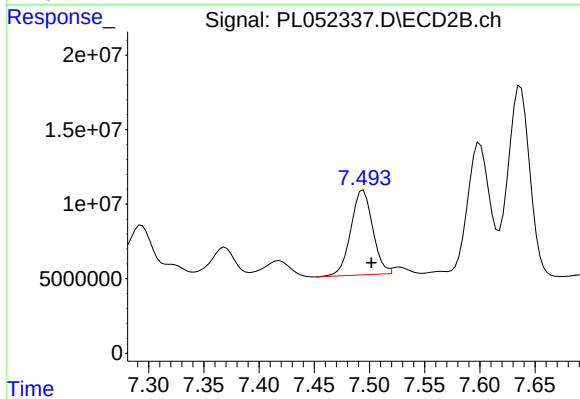
#19 Endosulfan Sulfate

R.T.: 7.169 min  
Delta R.T.: -0.007 min  
Response: 150479606  
Conc: 48.73 ng/ml



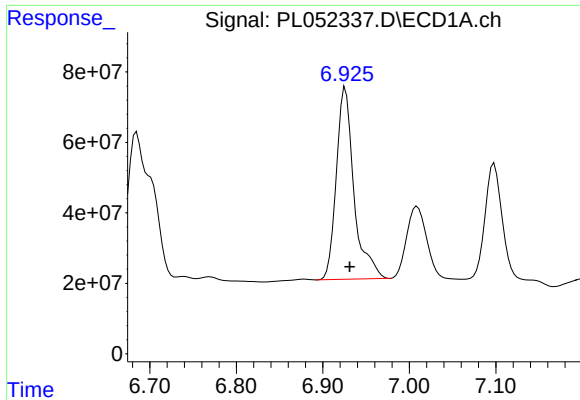
#20 Methoxychlor

R.T.: 6.694 min  
Delta R.T.: -0.016 min  
Response: 320208027  
Conc: 47.23 ng/ml m



#20 Methoxychlor

R.T.: 7.494 min  
Delta R.T.: -0.007 min  
Response: 78191322  
Conc: 46.62 ng/ml



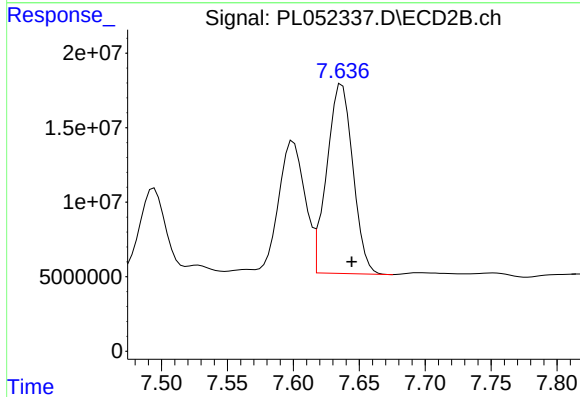
#21 Endrin ketone

R.T.: 6.926 min  
Delta R.T.: -0.005 min  
Response: 769105071  
Conc: 54.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
T8-S-G1-G4MS

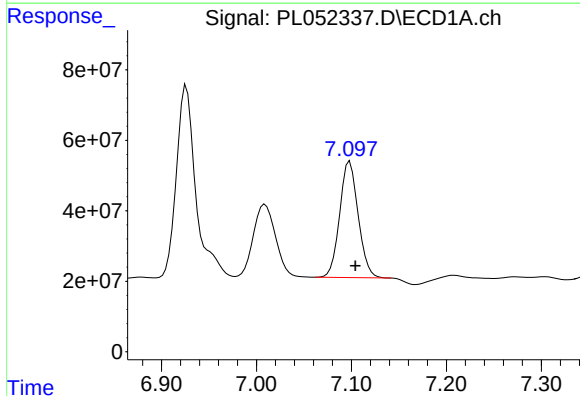
Manual Integrations  
APPROVED

Ankita  
9/11/2019 11:04:01 AM



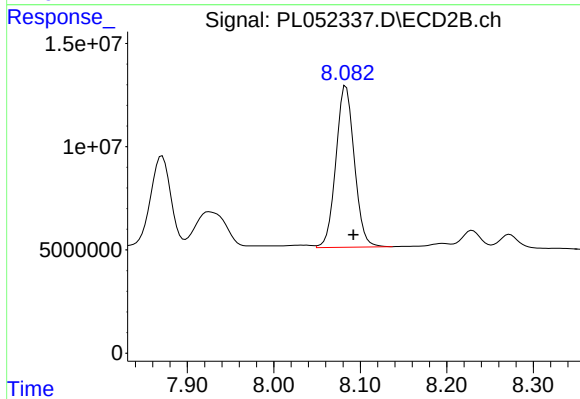
#21 Endrin ketone

R.T.: 7.637 min  
Delta R.T.: -0.007 min  
Response: 174837656  
Conc: 54.65 ng/ml



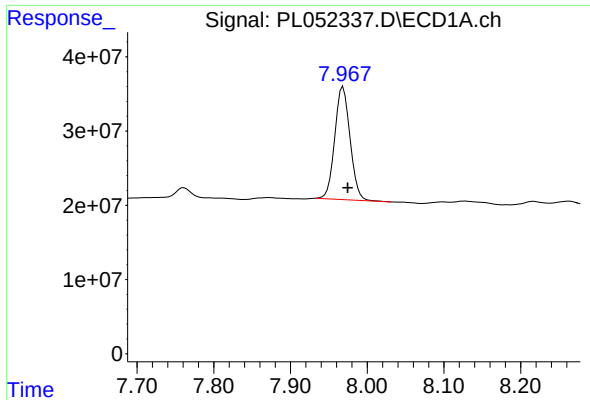
#22 Mirex

R.T.: 7.098 min  
Delta R.T.: -0.006 min  
Response: 435189010  
Conc: 41.10 ng/ml



#22 Mirex

R.T.: 8.084 min  
Delta R.T.: -0.009 min  
Response: 114904927  
Conc: 47.23 ng/ml



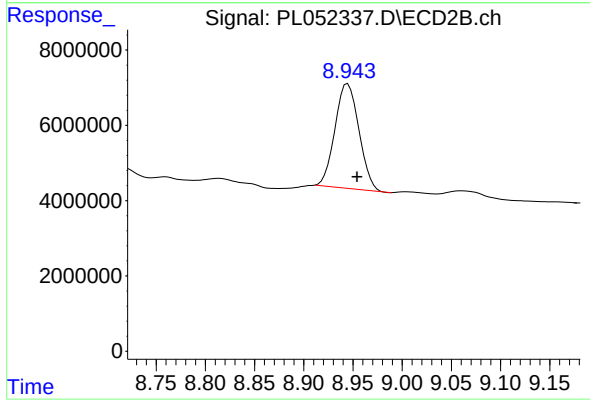
#28 Decachlorobiphenyl

R.T.: 7.968 min  
Delta R.T.: -0.006 min  
Response: 210385504  
Conc: 17.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
T8-S-G1-G4MS

Manual Integrations  
APPROVED

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#28 Decachlorobiphenyl

R.T.: 8.945 min  
Delta R.T.: -0.009 min  
Response: 47163114  
Conc: 15.49 ng/ml