

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL062818\  
 Data File : PL037517.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Jun 2018 13:43  
 Operator : UA\AJ  
 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: Jun 29 03:56:21 2018  
 Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD\_L\methods\PL062018.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jun 21 02:27:11 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... | 3.336 | 3.937 | 385.3E6 | 142.7E6  | 48.704 | 51.589  |
| 28)                         | SA Decachlor... | 8.017 | 8.949 | 316.3E6 | 100.1E6  | 52.427 | 50.474  |
| Target Compounds            |                 |       |       |         |          |        |         |
| 2)                          | A alpha-BHC     | 3.766 | 4.315 | 611.3E6 | 206.4E6  | 49.934 | 53.205  |
| 3)                          | MA gamma-BHC... | 4.043 | 4.596 | 545.6E6 | 180.2E6  | 52.899 | 52.188  |
| 4)                          | MA Heptachlor   | 4.328 | 5.107 | 523.4E6 | 176.0E6  | 51.084 | 50.919  |
| 5)                          | MB Aldrin       | 4.568 | 5.409 | 524.2E6 | 161.6E6  | 51.503 | 51.507  |
| 6)                          | B beta-BHC      | 4.297 | 4.757 | 239.6E6 | 81466618 | 52.528 | 50.516  |
| 7)                          | B delta-BHC     | 4.492 | 4.970 | 546.0E6 | 168.9E6  | 51.613 | 59.891m |
| 8)                          | B Heptachlo...  | 5.006 | 5.788 | 497.3E6 | 148.8E6  | 53.095 | 52.191m |
| 9)                          | A Endosulfan I  | 5.338 | 6.142 | 432.8E6 | 123.3E6  | 51.152 | 48.074  |
| 10)                         | B gamma-Chl...  | 5.229 | 6.022 | 483.7E6 | 143.5E6  | 51.639 | 50.964  |
| 11)                         | B alpha-Chl...  | 5.286 | 6.096 | 463.5E6 | 139.9E6  | 51.038 | 48.619  |
| 12)                         | B 4,4'-DDE      | 5.455 | 6.251 | 461.2E6 | 119.5E6  | 52.218 | 46.962  |
| 13)                         | MA Dieldrin     | 5.578 | 6.396 | 464.0E6 | 128.3E6  | 52.412 | 48.074  |
| 14)                         | MA Endrin       | 5.832 | 6.611 | 391.7E6 | 111.5E6  | 49.726 | 48.481  |
| 15)                         | B Endosulfa...  | 6.107 | 6.814 | 383.2E6 | 116.5E6  | 52.110 | 46.978  |
| 16)                         | A 4,4'-DDD      | 5.967 | 6.733 | 356.8E6 | 103.4E6  | 54.330 | 50.386  |
| 17)                         | MA 4,4'-DDT     | 6.201 | 7.032 | 319.0E6 | 96008717 | 49.406 | 45.326  |
| 18)                         | B Endrin al...  | 6.275 | 6.936 | 290.8E6 | 96401186 | 52.079 | 47.907  |
| 19)                         | B Endosulfa...  | 6.486 | 7.158 | 336.7E6 | 105.6E6  | 50.333 | 48.508  |
| 20)                         | A Methoxychlor  | 6.751 | 7.487 | 158.4E6 | 54953033 | 46.592 | 49.094  |
| 21)                         | B Endrin ke...  | 6.970 | 7.623 | 351.7E6 | 110.3E6  | 49.458 | 54.325  |
| -----                       |                 |       |       |         |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL062818\  
Data File : PL037517.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 Jun 2018 13:43  
Operator : UA\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

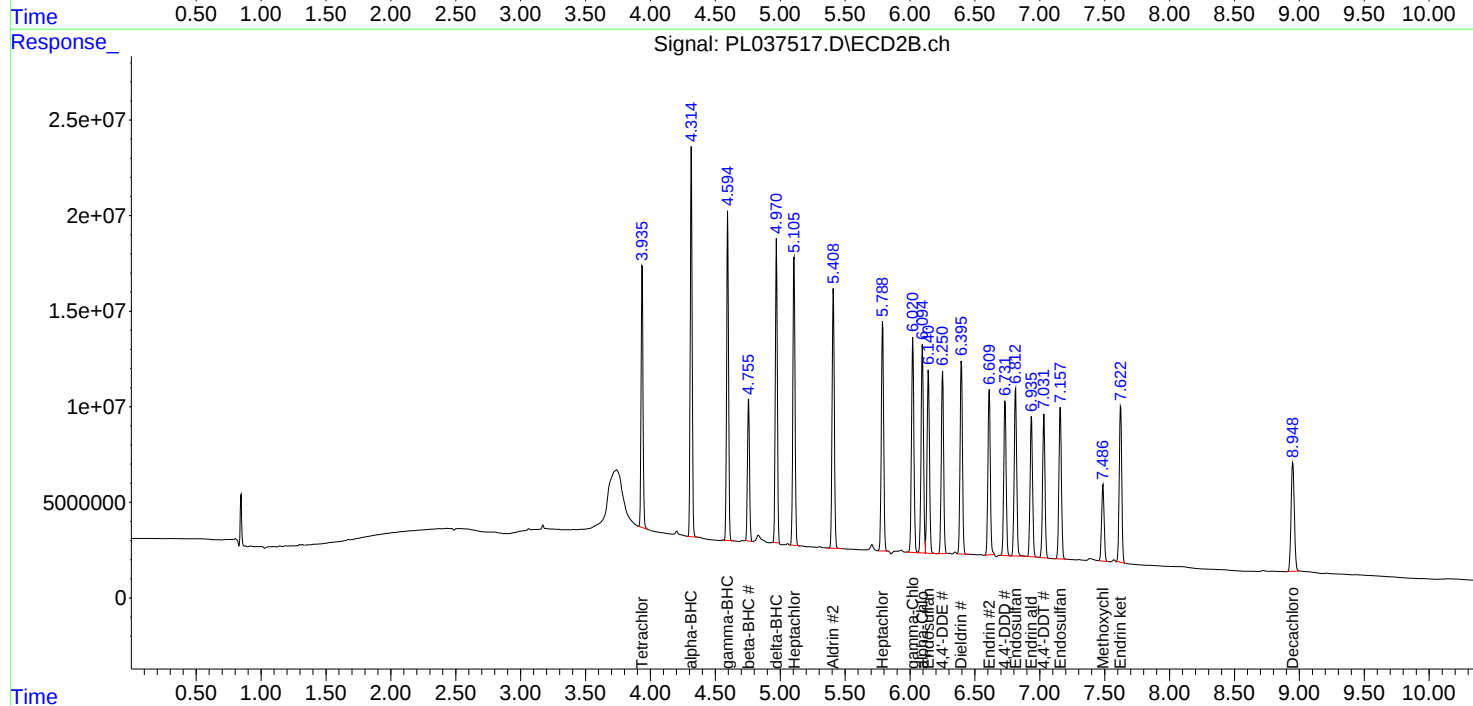
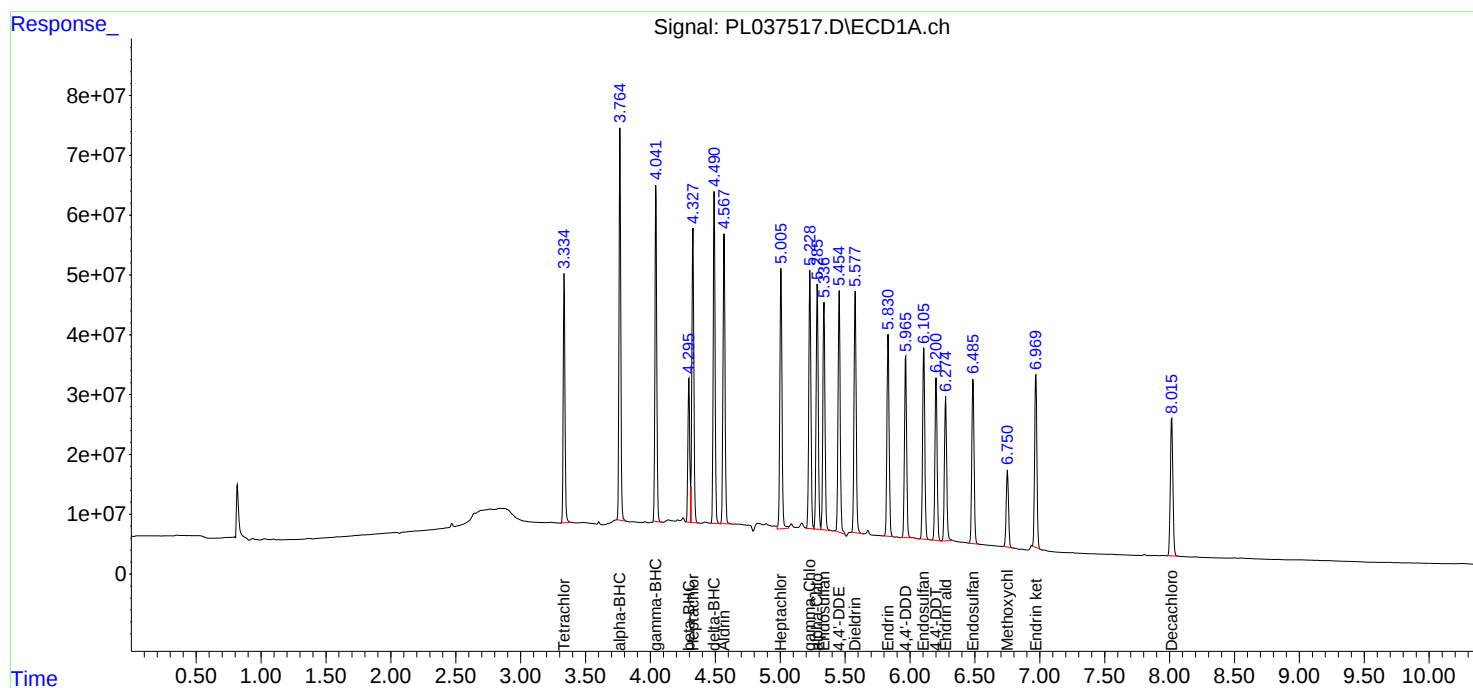
Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

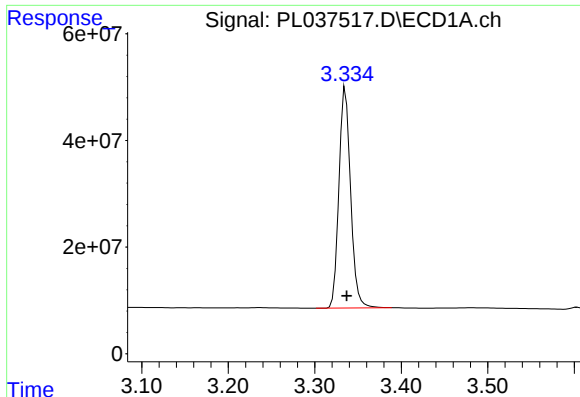
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 29 03:56:21 2018  
Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD\_L\methods\PL062018.M  
Quant Title : GC Extractables  
QLast Update : Thu Jun 21 02:27:11 2018  
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





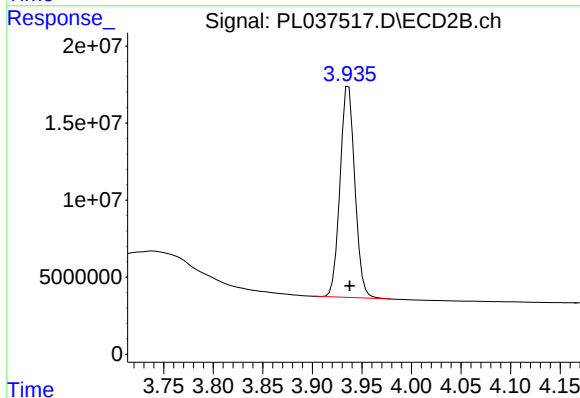
#1 Tetrachloro-m-xylene

R.T.: 3.336 min  
Delta R.T.: -0.001 min  
Response: 385264560  
Conc: 48.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

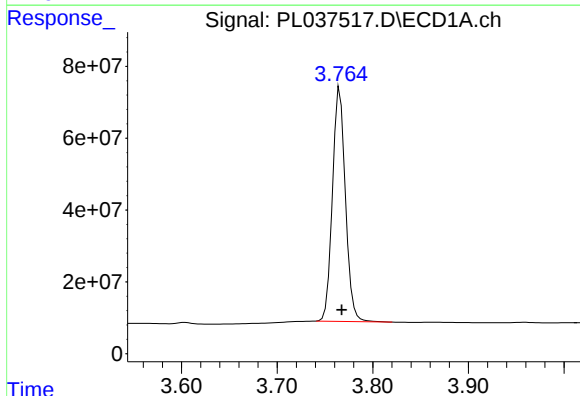
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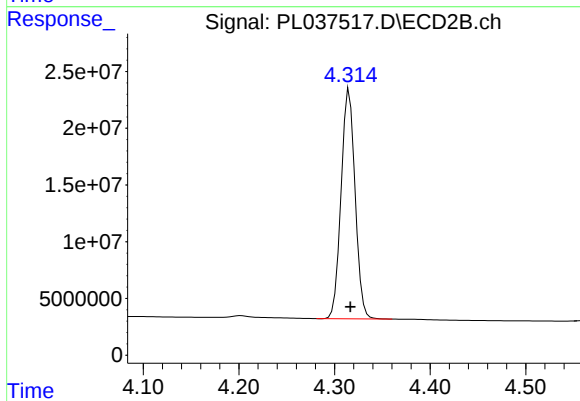
#1 Tetrachloro-m-xylene

R.T.: 3.937 min  
Delta R.T.: -0.001 min  
Response: 142734068  
Conc: 51.59 ng/ml



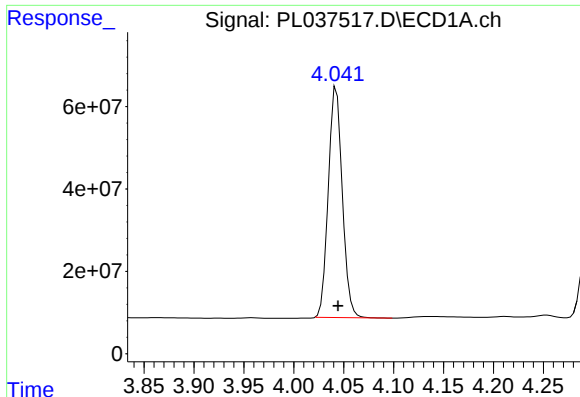
#2 alpha-BHC

R.T.: 3.766 min  
Delta R.T.: -0.002 min  
Response: 611337064  
Conc: 49.93 ng/ml



#2 alpha-BHC

R.T.: 4.315 min  
Delta R.T.: -0.001 min  
Response: 206447544  
Conc: 53.20 ng/ml



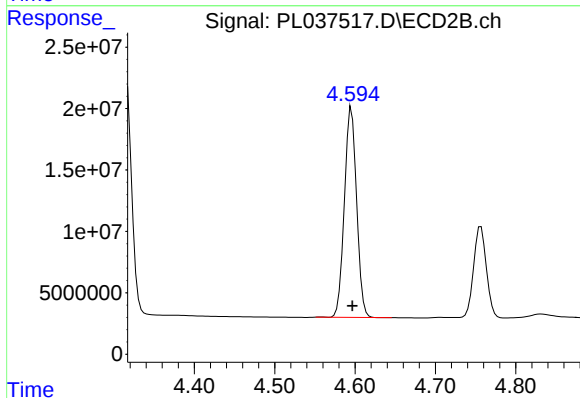
#3 gamma-BHC (Lindane)

R.T.: 4.043 min  
Delta R.T.: -0.002 min  
Response: 545637979  
Conc: 52.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

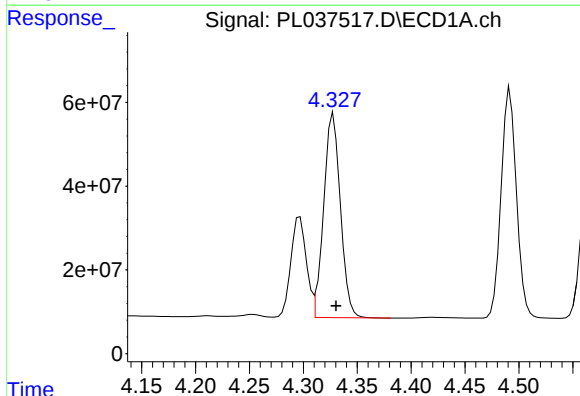
Manual Integrations  
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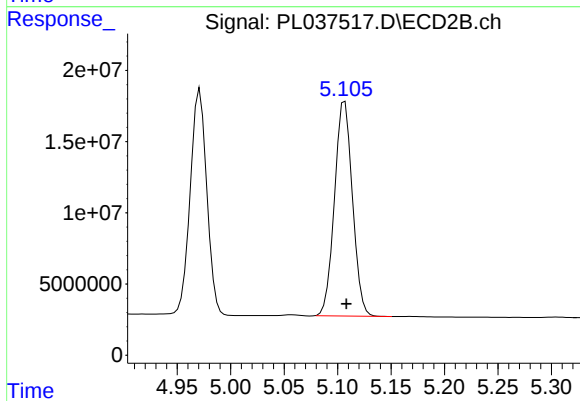
#3 gamma-BHC (Lindane)

R.T.: 4.596 min  
Delta R.T.: -0.001 min  
Response: 180241900  
Conc: 52.19 ng/ml



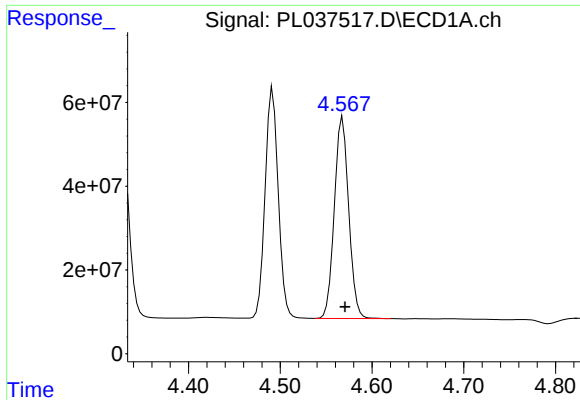
#4 Heptachlor

R.T.: 4.328 min  
Delta R.T.: -0.003 min  
Response: 523370632  
Conc: 51.08 ng/ml



#4 Heptachlor

R.T.: 5.107 min  
Delta R.T.: -0.002 min  
Response: 175995648  
Conc: 50.92 ng/ml



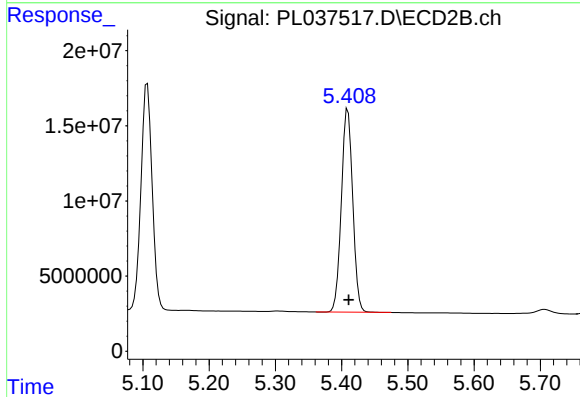
#5 Aldrin

R.T.: 4.568 min  
Delta R.T.: -0.003 min  
Response: 524233008  
Conc: 51.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

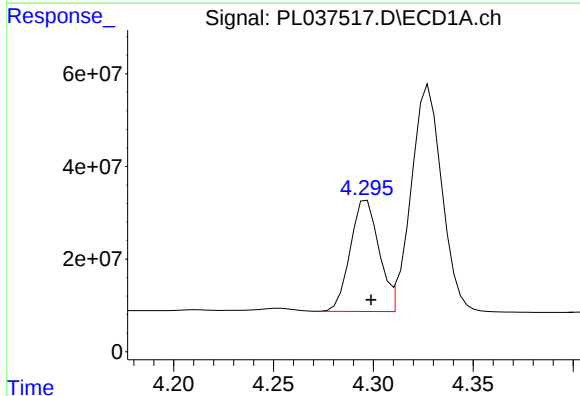
Manual Integrations  
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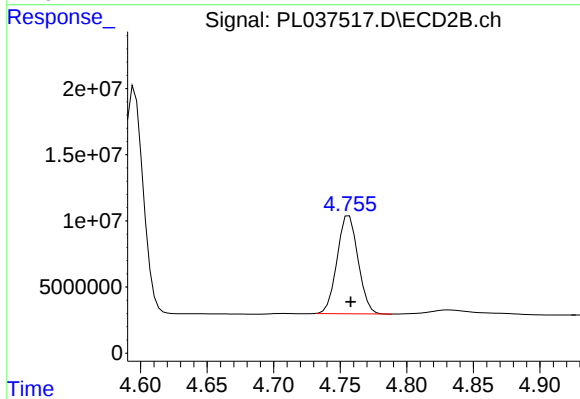
#5 Aldrin

R.T.: 5.409 min  
Delta R.T.: -0.001 min  
Response: 161588462  
Conc: 51.51 ng/ml



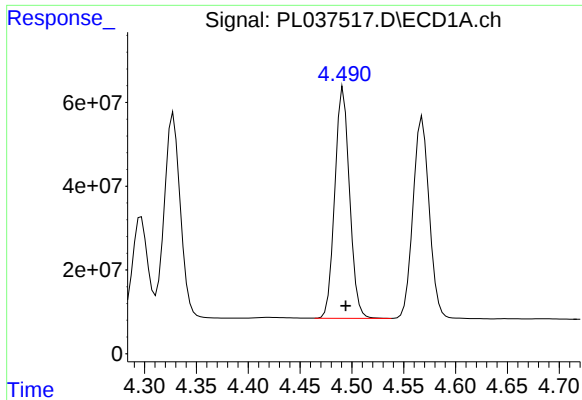
#6 beta-BHC

R.T.: 4.297 min  
Delta R.T.: -0.002 min  
Response: 239575186  
Conc: 52.53 ng/ml



#6 beta-BHC

R.T.: 4.757 min  
Delta R.T.: -0.001 min  
Response: 81466618  
Conc: 50.52 ng/ml



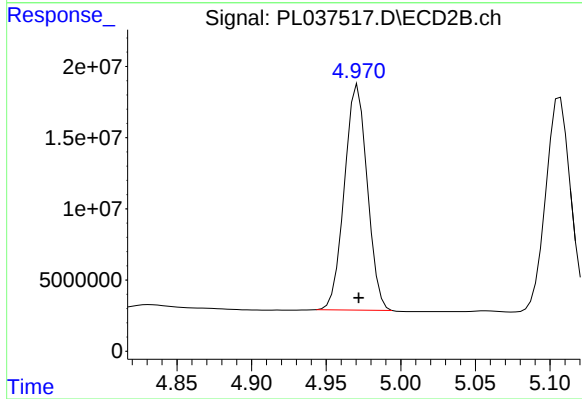
#7 delta-BHC

R.T.: 4.492 min  
Delta R.T.: -0.002 min  
Response: 546013424  
Conc: 51.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

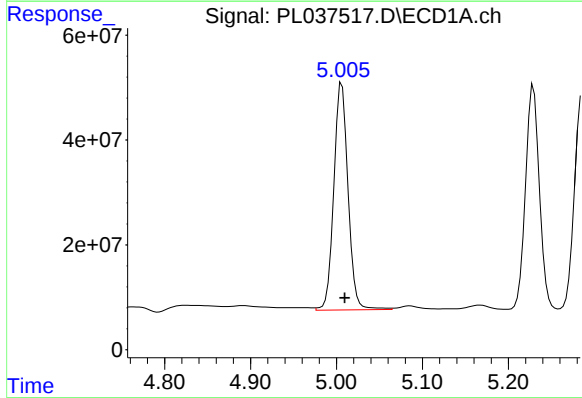
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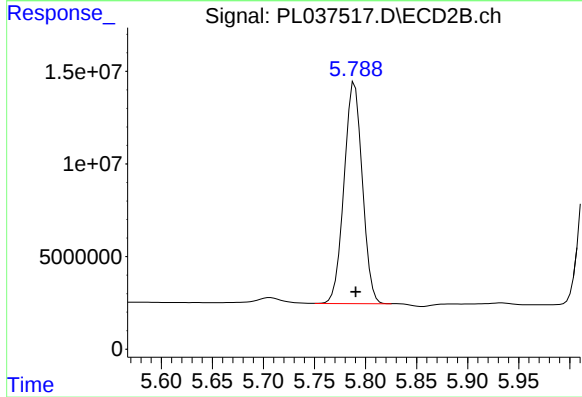
#7 delta-BHC

R.T.: 4.970 min  
Delta R.T.: -0.002 min  
Response: 168907530  
Conc: 59.89 ng/ml m



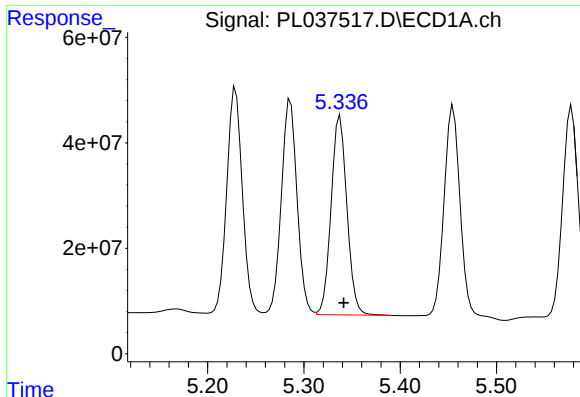
#8 Heptachlor epoxide

R.T.: 5.006 min  
Delta R.T.: -0.003 min  
Response: 497342428  
Conc: 53.10 ng/ml



#8 Heptachlor epoxide

R.T.: 5.788 min  
Delta R.T.: -0.003 min  
Response: 148779688  
Conc: 52.19 ng/ml m



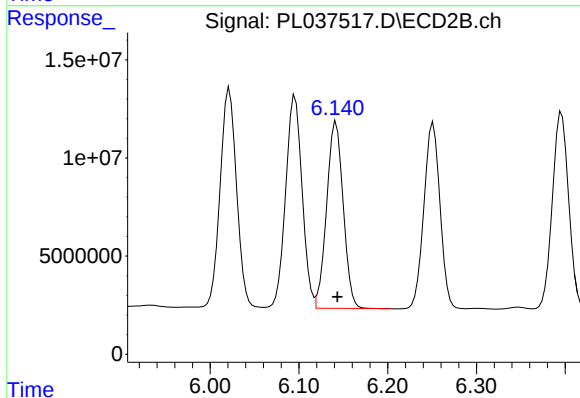
#9 Endosulfan I

R.T.: 5.338 min  
Delta R.T.: -0.004 min  
Response: 432791610  
Conc: 51.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

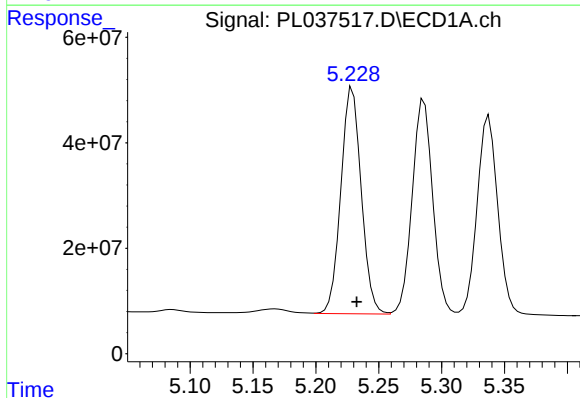
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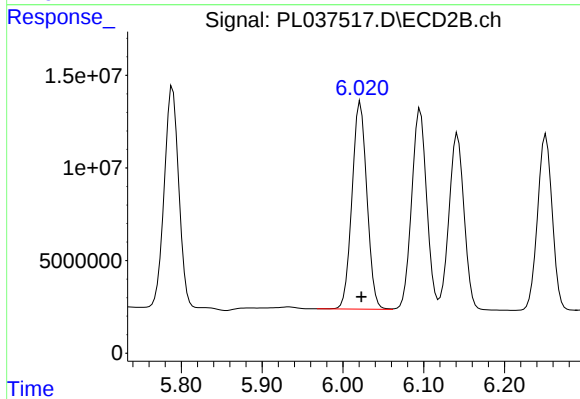
#9 Endosulfan I

R.T.: 6.142 min  
Delta R.T.: -0.002 min  
Response: 123301430  
Conc: 48.07 ng/ml



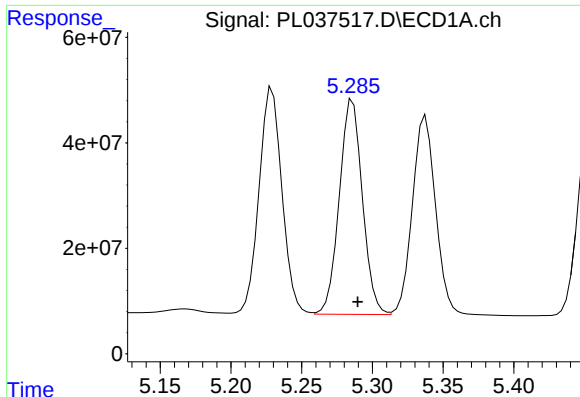
#10 gamma-Chlordane

R.T.: 5.229 min  
Delta R.T.: -0.003 min  
Response: 483663608  
Conc: 51.64 ng/ml



#10 gamma-Chlordane

R.T.: 6.022 min  
Delta R.T.: -0.001 min  
Response: 143534187  
Conc: 50.96 ng/ml



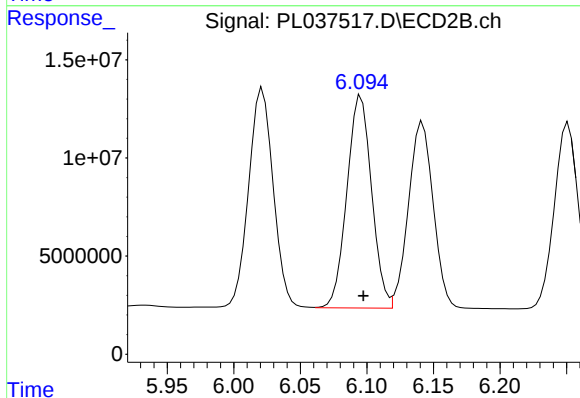
#11 alpha-Chlordane

R.T.: 5.286 min  
Delta R.T.: -0.004 min  
Response: 463493507  
Conc: 51.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

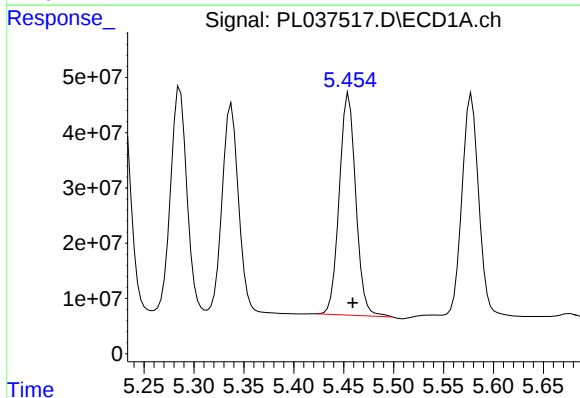
Manual Integrations  
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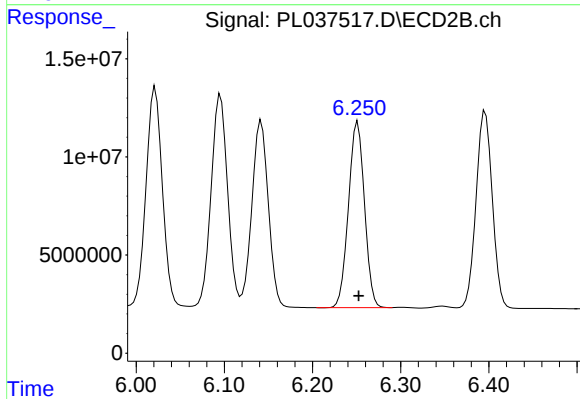
#11 alpha-Chlordane

R.T.: 6.096 min  
Delta R.T.: -0.002 min  
Response: 139938786  
Conc: 48.62 ng/ml



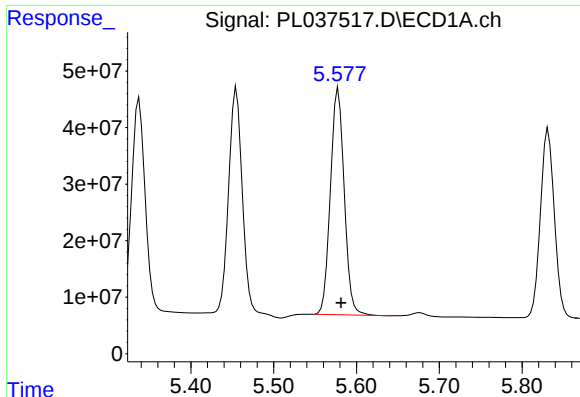
#12 4,4'-DDE

R.T.: 5.455 min  
Delta R.T.: -0.004 min  
Response: 461218030  
Conc: 52.22 ng/ml



#12 4,4'-DDE

R.T.: 6.251 min  
Delta R.T.: -0.001 min  
Response: 119503666  
Conc: 46.96 ng/ml



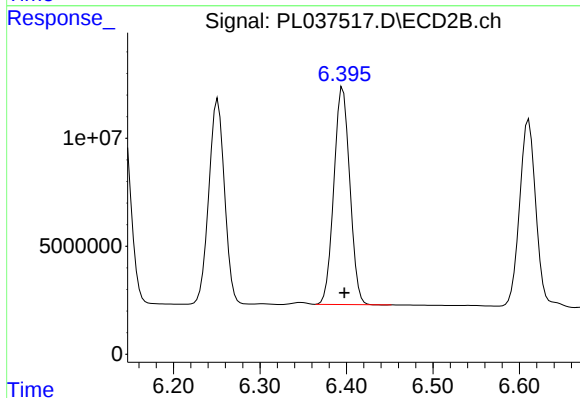
#13 Dieldrin

R.T.: 5.578 min  
Delta R.T.: -0.003 min  
Response: 464012114  
Conc: 52.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

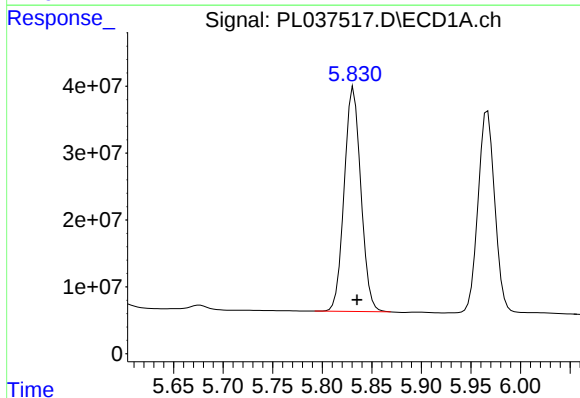
Manual Integrations  
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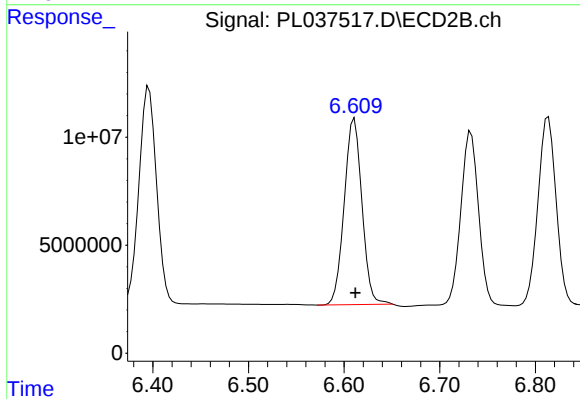
#13 Dieldrin

R.T.: 6.396 min  
Delta R.T.: -0.002 min  
Response: 128320789  
Conc: 48.07 ng/ml



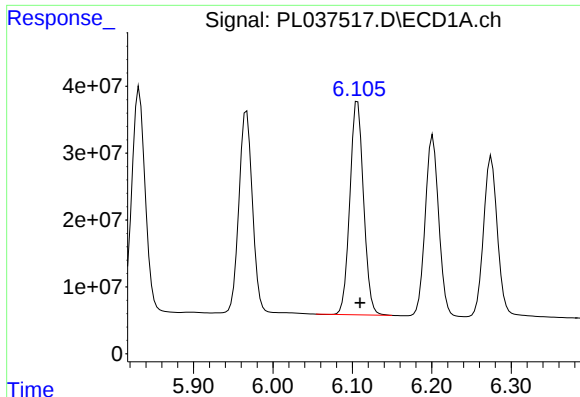
#14 Endrin

R.T.: 5.832 min  
Delta R.T.: -0.003 min  
Response: 391718648  
Conc: 49.73 ng/ml



#14 Endrin

R.T.: 6.611 min  
Delta R.T.: -0.001 min  
Response: 111470230  
Conc: 48.48 ng/ml



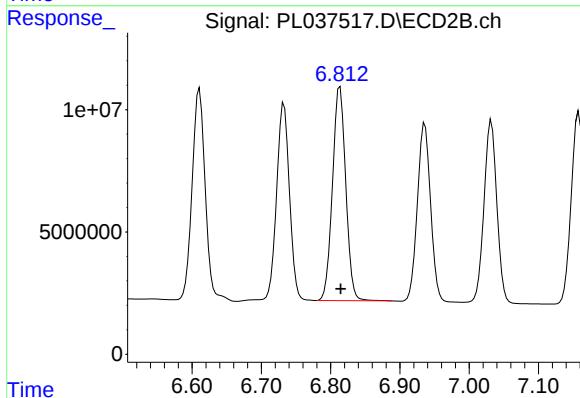
#15 Endosulfan II

R.T.: 6.107 min  
Delta R.T.: -0.003 min  
Response: 383192066  
Conc: 52.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

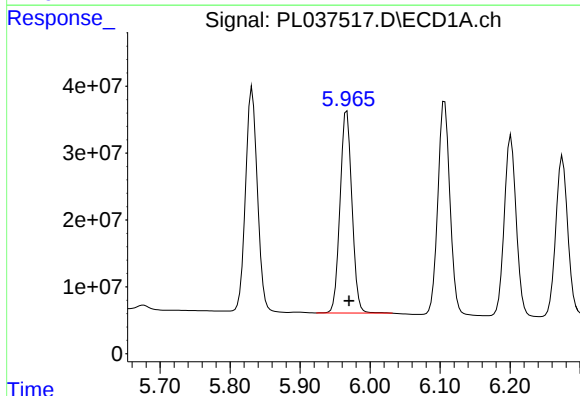
Manual Integrations  
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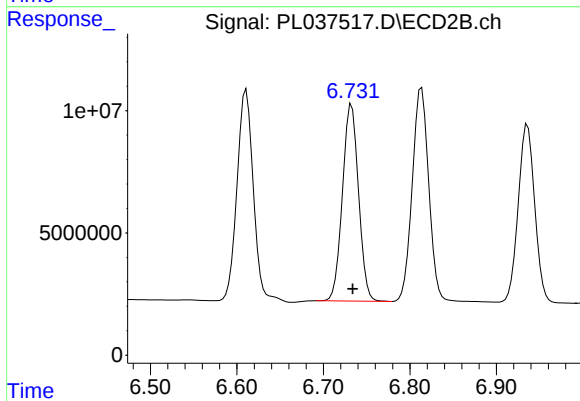
#15 Endosulfan II

R.T.: 6.814 min  
Delta R.T.: 0.000 min  
Response: 116507479  
Conc: 46.98 ng/ml



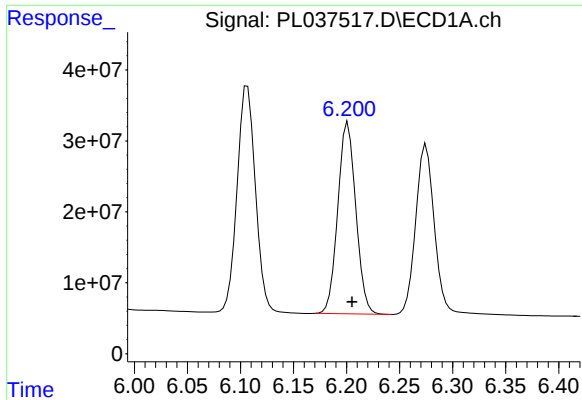
#16 4,4'-DDD

R.T.: 5.967 min  
Delta R.T.: -0.003 min  
Response: 356792049  
Conc: 54.33 ng/ml



#16 4,4'-DDD

R.T.: 6.733 min  
Delta R.T.: -0.001 min  
Response: 103427523  
Conc: 50.39 ng/ml



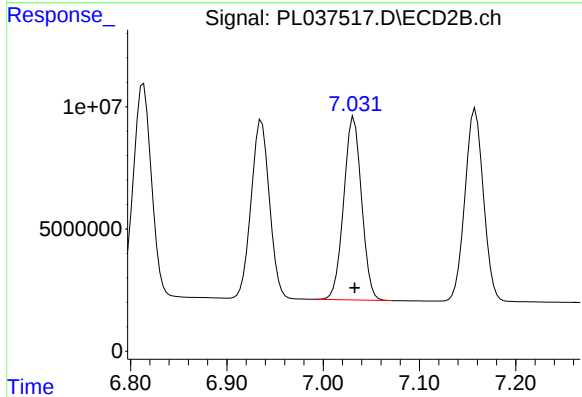
#17 4,4'-DDT

R.T.: 6.201 min  
Delta R.T.: -0.004 min  
Response: 318982530  
Conc: 49.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

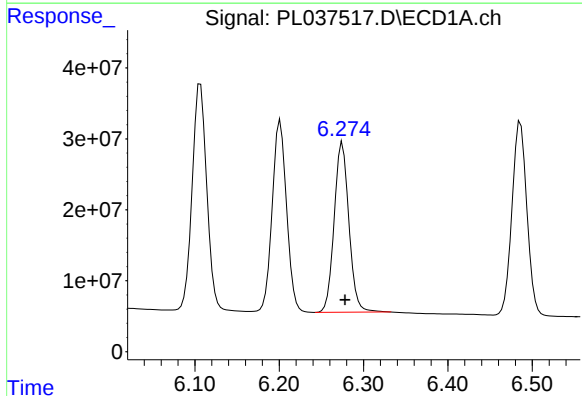
Manual Integrations  
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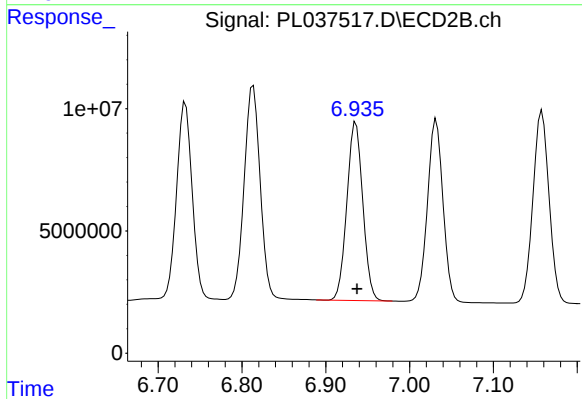
#17 4,4'-DDT

R.T.: 7.032 min  
Delta R.T.: 0.000 min  
Response: 96008717  
Conc: 45.33 ng/ml



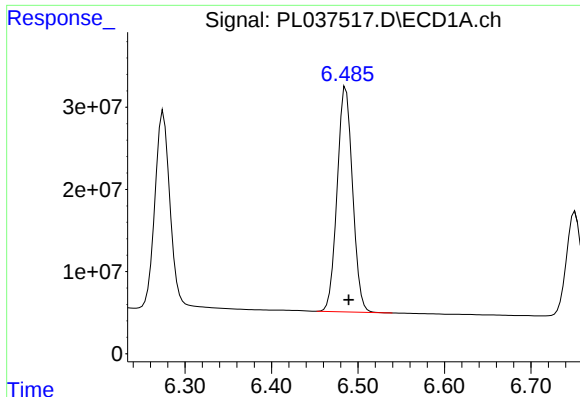
#18 Endrin aldehyde

R.T.: 6.275 min  
Delta R.T.: -0.003 min  
Response: 290836507  
Conc: 52.08 ng/ml



#18 Endrin aldehyde

R.T.: 6.936 min  
Delta R.T.: -0.001 min  
Response: 96401186  
Conc: 47.91 ng/ml



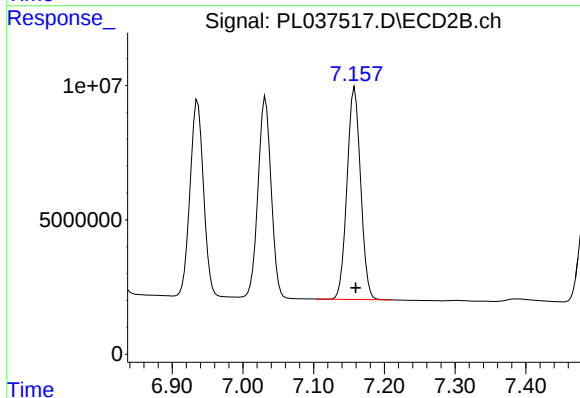
#19 Endosulfan Sulfate

R.T.: 6.486 min  
Delta R.T.: -0.003 min  
Response: 336732252  
Conc: 50.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

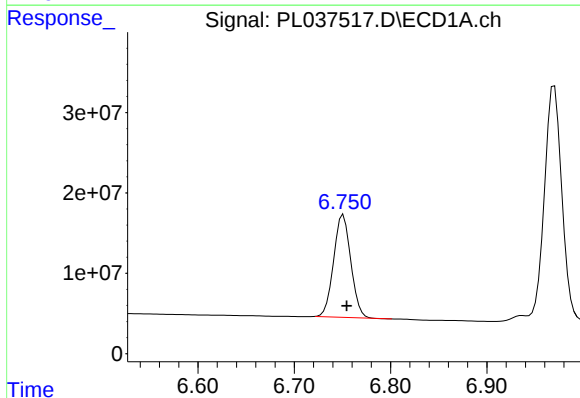
Manual Integrations  
APPROVED

Sohil  
6/29/2018 4:18:52 PM



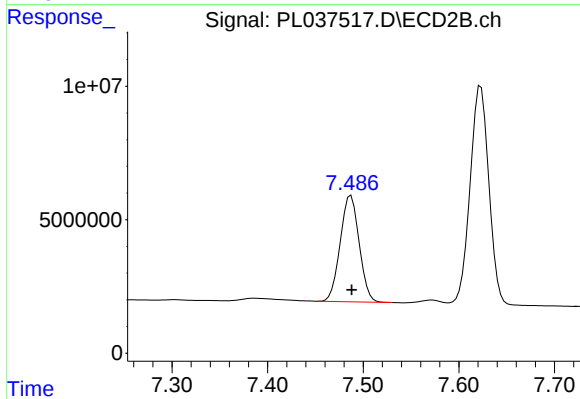
#19 Endosulfan Sulfate

R.T.: 7.158 min  
Delta R.T.: -0.001 min  
Response: 105575919  
Conc: 48.51 ng/ml



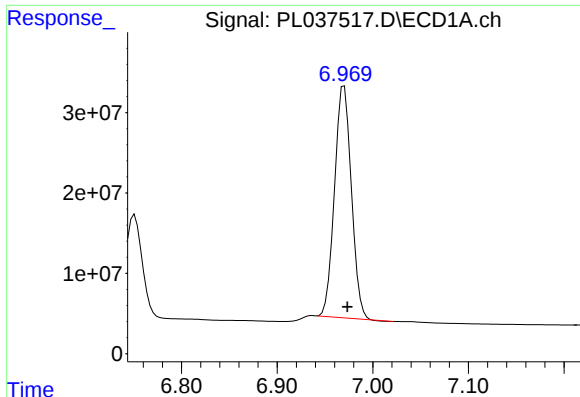
#20 Methoxychlor

R.T.: 6.751 min  
Delta R.T.: -0.004 min  
Response: 158367225  
Conc: 46.59 ng/ml



#20 Methoxychlor

R.T.: 7.487 min  
Delta R.T.: 0.000 min  
Response: 54953033  
Conc: 49.09 ng/ml



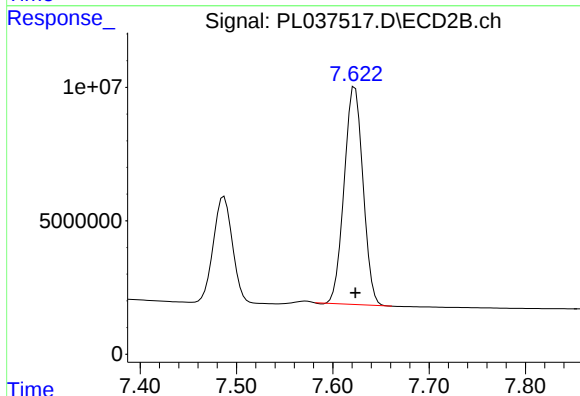
#21 Endrin ketone

R.T.: 6.970 min  
Delta R.T.: -0.003 min  
Response: 351729836  
Conc: 49.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

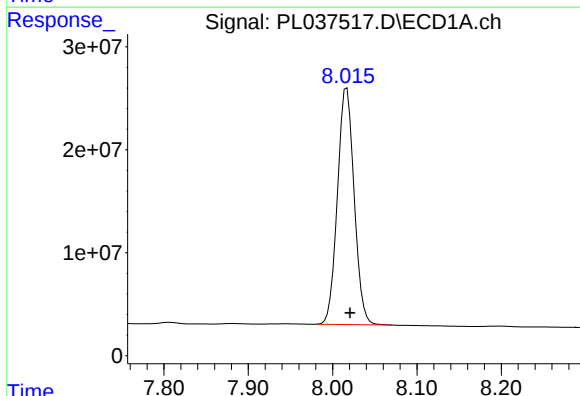
Manual Integrations  
APPROVED

Sohil  
6/29/2018 4:18:52 PM



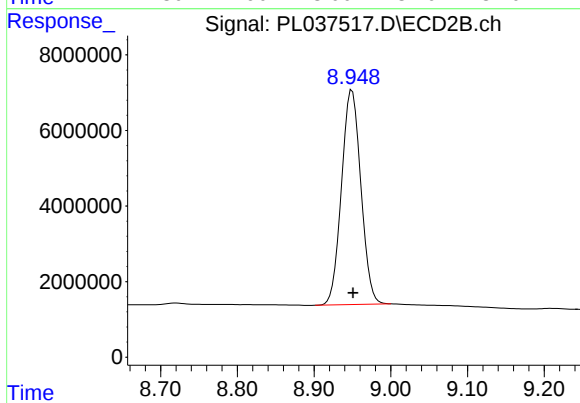
#21 Endrin ketone

R.T.: 7.623 min  
Delta R.T.: 0.000 min  
Response: 110262238  
Conc: 54.33 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.017 min  
Delta R.T.: -0.004 min  
Response: 316345610  
Conc: 52.43 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.949 min  
Delta R.T.: -0.001 min  
Response: 100137653  
Conc: 50.47 ng/ml