

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092619\  
 Data File : PL052761.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 26 Sep 2019 16:56  
 Operator : SG\AJ  
 Sample : PB123397BS  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB123397BS

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 27 00:49:36 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL091719.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Sep 17 11:25:25 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... | 3.550 | 4.048 | 148.1E6 | 40868371 | 18.992  | 18.756 |
| 28)                         | SA Decachlor... | 8.349 | 9.127 | 144.7E6 | 45693890 | 16.546  | 19.082 |
| Target Compounds            |                 |       |       |         |          |         |        |
| 2)                          | A alpha-BHC     | 3.993 | 4.439 | 672.9E6 | 162.7E6  | 55.967m | 53.213 |
| 3)                          | MA gamma-BHC... | 4.282 | 4.725 | 626.5E6 | 155.8E6  | 55.376  | 53.951 |
| 4)                          | MA Heptachlor   | 4.591 | 5.235 | 654.3E6 | 165.2E6  | 57.908  | 56.304 |
| 5)                          | MB Aldrin       | 4.844 | 5.540 | 609.0E6 | 150.6E6  | 56.393  | 56.867 |
| 6)                          | B beta-BHC      | 4.532 | 4.893 | 268.4E6 | 73664250 | 54.835  | 55.235 |
| 7)                          | B delta-BHC     | 4.741 | 5.111 | 584.5E6 | 143.3E6  | 51.719  | 50.065 |
| 8)                          | B Heptachlo...  | 5.291 | 5.926 | 563.1E6 | 153.6E6  | 55.108  | 58.558 |
| 9)                          | A Endosulfan I  | 5.634 | 6.283 | 512.5E6 | 132.5E6  | 52.533  | 56.821 |
| 10)                         | B gamma-Chl...  | 5.520 | 6.160 | 576.2E6 | 146.7E6  | 54.254  | 57.651 |
| 11)                         | B alpha-Chl...  | 5.579 | 6.232 | 556.8E6 | 143.5E6  | 53.859  | 57.434 |
| 12)                         | B 4,4'-DDE      | 5.742 | 6.388 | 435.4E6 | 141.5E6  | 46.663  | 58.032 |
| 13)                         | MA Dieldrin     | 5.879 | 6.540 | 560.5E6 | 141.0E6  | 54.075  | 57.757 |
| 14)                         | MA Endrin       | 6.137 | 6.758 | 503.1E6 | 119.8E6  | 60.852  | 61.890 |
| 15)                         | B Endosulfa...  | 6.410 | 6.966 | 495.1E6 | 122.9E6  | 51.039  | 55.076 |
| 16)                         | A 4,4'-DDD      | 6.260 | 6.878 | 411.5E6 | 106.4E6  | 53.732  | 57.744 |
| 17)                         | MA 4,4'-DDT     | 6.504 | 7.177 | 448.3E6 | 109.9E6  | 57.757  | 60.079 |
| 18)                         | B Endrin al...  | 6.579 | 7.090 | 407.3E6 | 101.9E6  | 52.676  | 54.923 |
| 19)                         | B Endosulfa...  | 6.793 | 7.312 | 431.7E6 | 109.5E6  | 52.049  | 53.318 |
| 20)                         | A Methoxychlor  | 7.051 | 7.634 | 222.5E6 | 57356943 | 55.035  | 56.603 |
| 21)                         | B Endrin ke...  | 7.287 | 7.784 | 547.7E6 | 116.7E6  | 52.750  | 52.551 |
| 22)                         | Mirex           | 7.483 | 8.240 | 339.8E6 | 89578885 | 44.426  | 52.341 |
| -----                       |                 |       |       |         |          |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092619\  
Data File : PL052761.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 26 Sep 2019 16:56  
Operator : SG\AJ  
Sample : PB123397BS  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

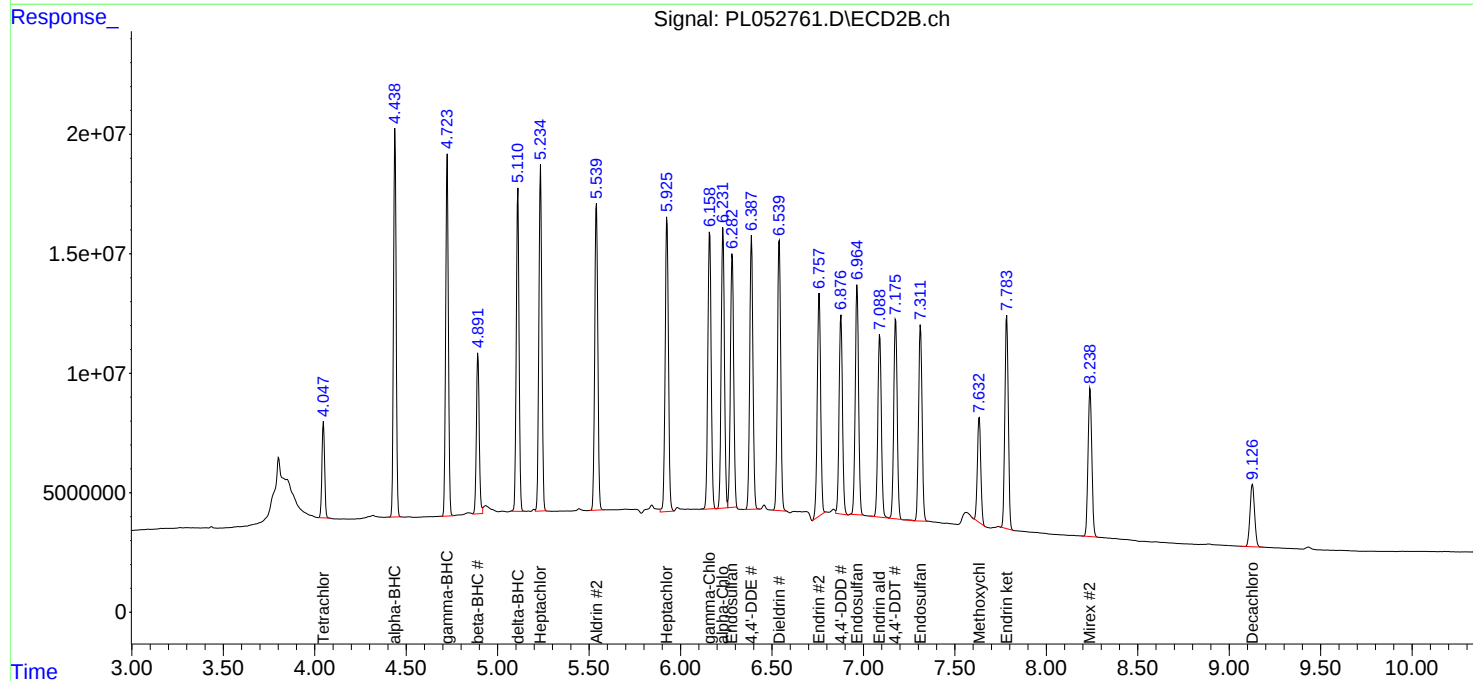
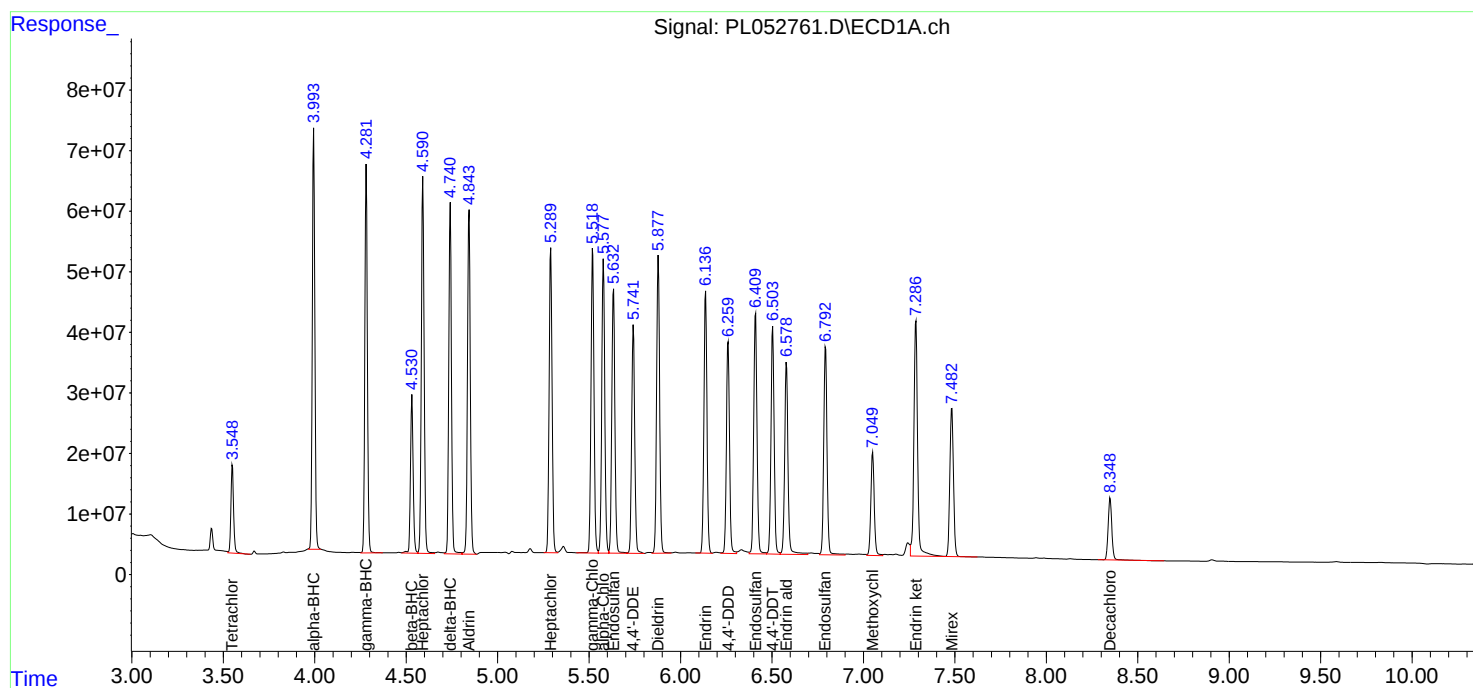
Instrument :  
ECD\_L  
ClientSampleId :  
PB123397BS

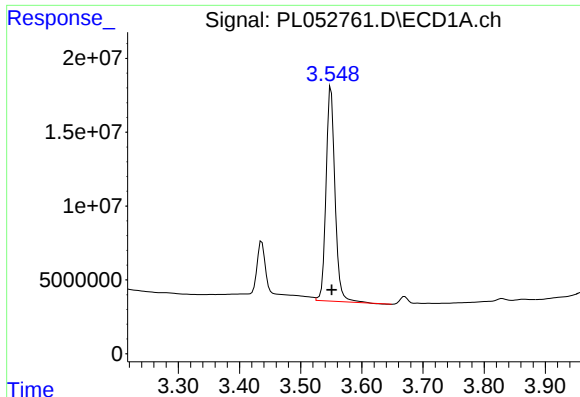
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 27 00:49:36 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL091719.M  
Quant Title : GC Extractables  
QLast Update : Tue Sep 17 11:25:25 2019  
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





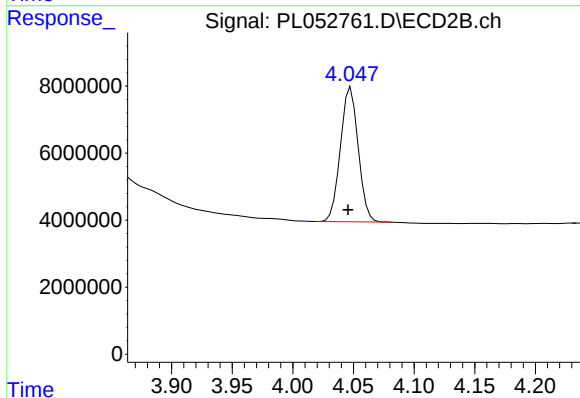
#1 Tetrachloro-m-xylene

R.T.: 3.550 min  
Delta R.T.: -0.001 min  
Response: 148095667  
Conc: 18.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB123397BS

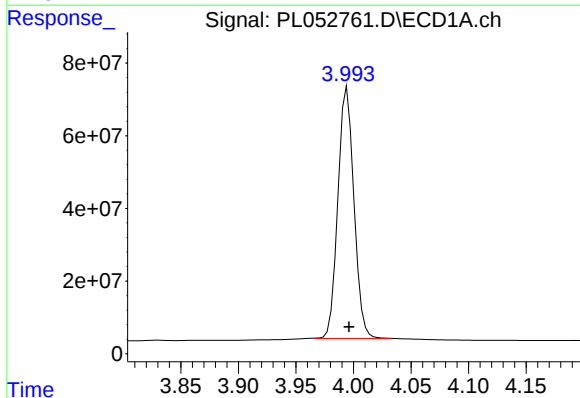
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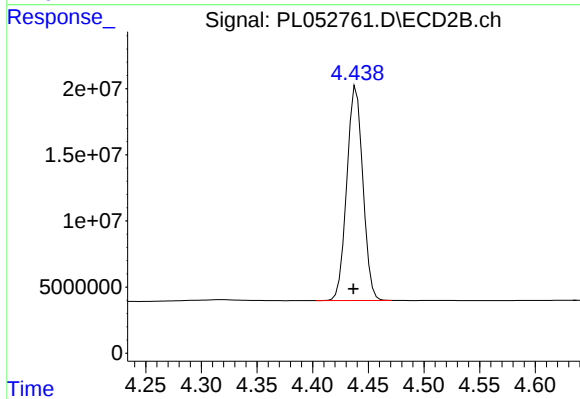
#1 Tetrachloro-m-xylene

R.T.: 4.048 min  
Delta R.T.: 0.002 min  
Response: 40868371  
Conc: 18.76 ng/ml



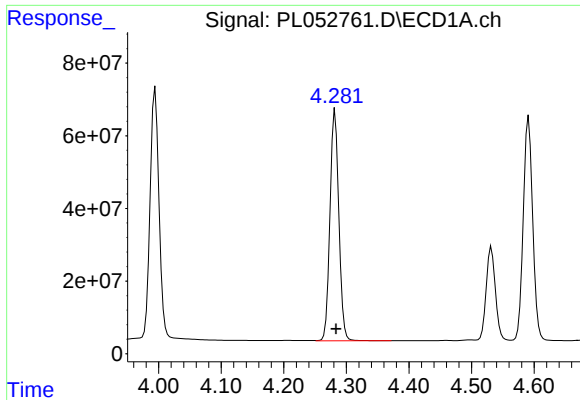
#2 alpha-BHC

R.T.: 3.993 min  
Delta R.T.: -0.003 min  
Response: 672865078  
Conc: 55.97 ng/ml m



#2 alpha-BHC

R.T.: 4.439 min  
Delta R.T.: 0.003 min  
Response: 162652400  
Conc: 53.21 ng/ml



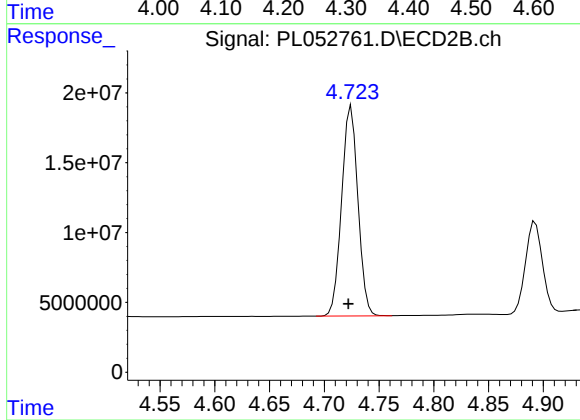
#3 gamma-BHC (Lindane)

R.T.: 4.282 min  
Delta R.T.: -0.002 min  
Response: 626537836  
Conc: 55.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB123397BS

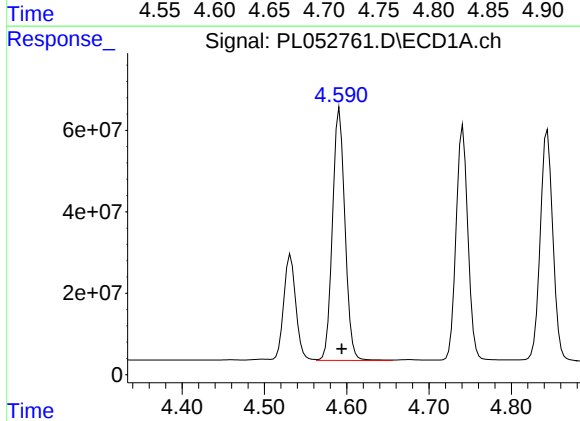
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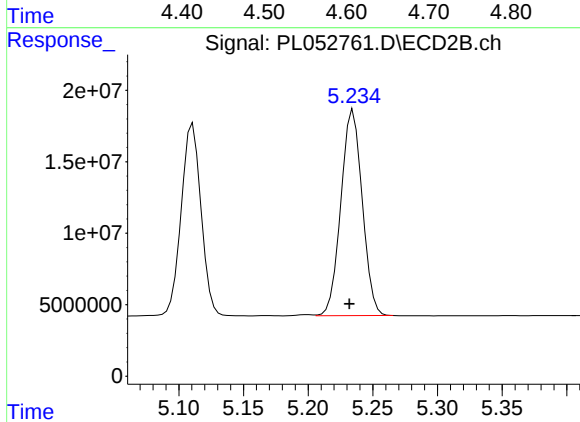
#3 gamma-BHC (Lindane)

R.T.: 4.725 min  
Delta R.T.: 0.003 min  
Response: 155782849  
Conc: 53.95 ng/ml



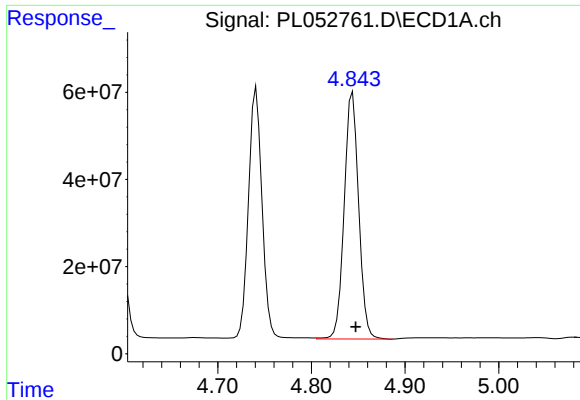
#4 Heptachlor

R.T.: 4.591 min  
Delta R.T.: -0.003 min  
Response: 654306161  
Conc: 57.91 ng/ml



#4 Heptachlor

R.T.: 5.235 min  
Delta R.T.: 0.003 min  
Response: 165241739  
Conc: 56.30 ng/ml



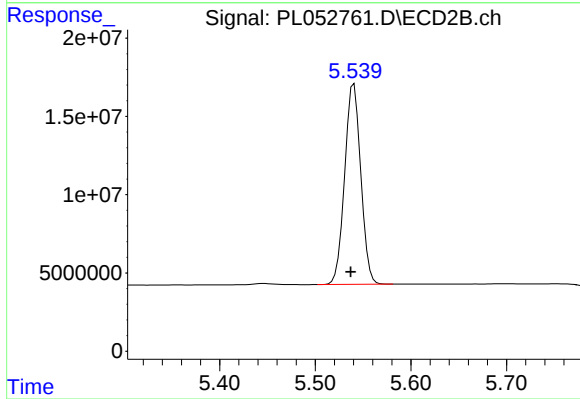
#5 Aldrin

R.T.: 4.844 min  
Delta R.T.: -0.003 min  
Response: 608958278  
Conc: 56.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB123397BS

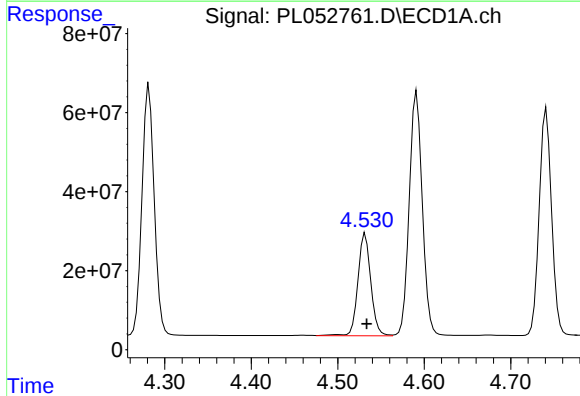
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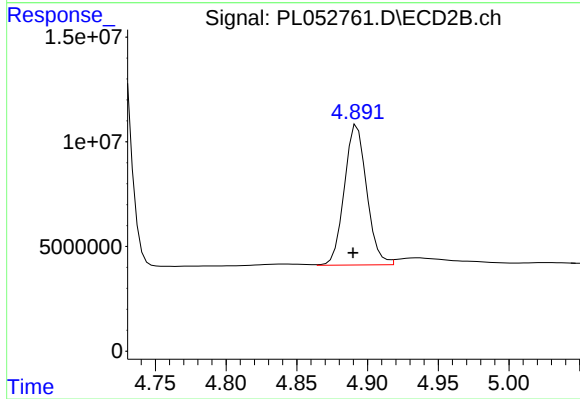
#5 Aldrin

R.T.: 5.540 min  
Delta R.T.: 0.003 min  
Response: 150626887  
Conc: 56.87 ng/ml



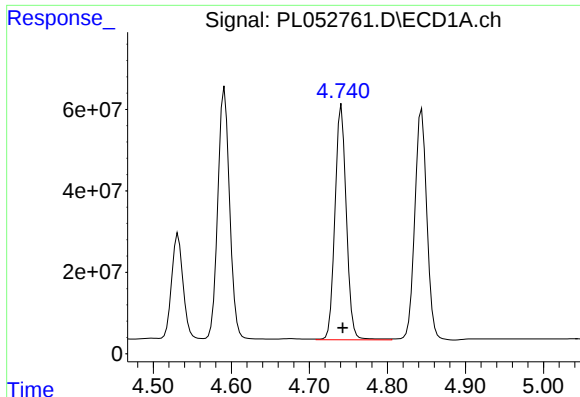
#6 beta-BHC

R.T.: 4.532 min  
Delta R.T.: -0.002 min  
Response: 268350368  
Conc: 54.83 ng/ml



#6 beta-BHC

R.T.: 4.893 min  
Delta R.T.: 0.003 min  
Response: 73664250  
Conc: 55.23 ng/ml



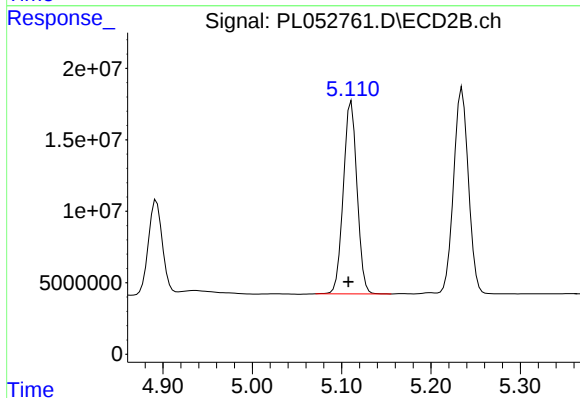
#7 delta-BHC

R.T.: 4.741 min  
Delta R.T.: -0.002 min  
Response: 584455766  
Conc: 51.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB123397BS

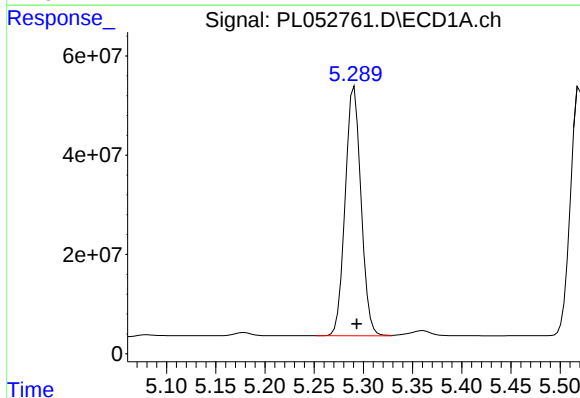
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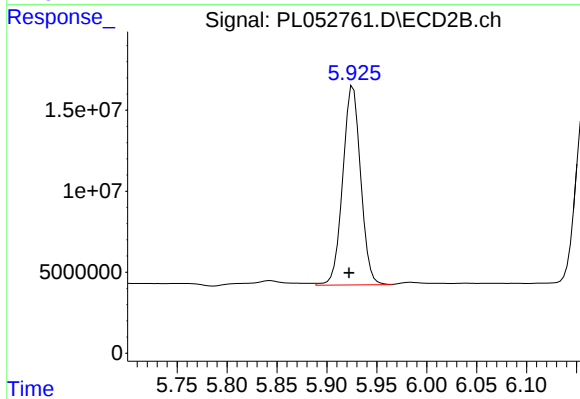
#7 delta-BHC

R.T.: 5.111 min  
Delta R.T.: 0.003 min  
Response: 143327244  
Conc: 50.06 ng/ml



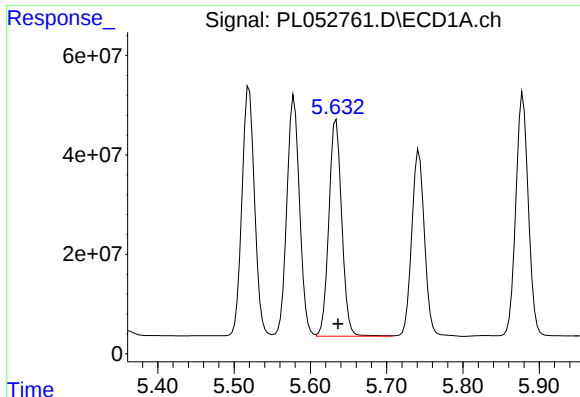
#8 Heptachlor epoxide

R.T.: 5.291 min  
Delta R.T.: -0.003 min  
Response: 563051035  
Conc: 55.11 ng/ml



#8 Heptachlor epoxide

R.T.: 5.926 min  
Delta R.T.: 0.004 min  
Response: 153566016  
Conc: 58.56 ng/ml



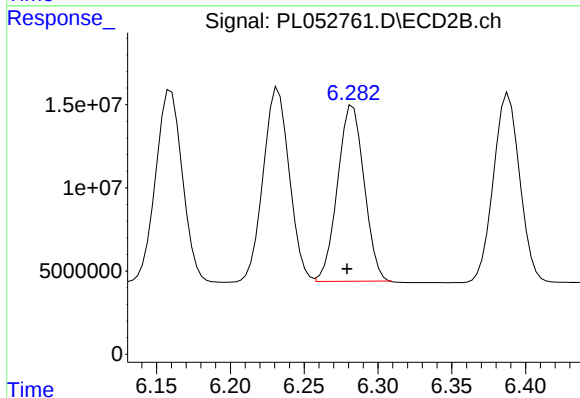
#9 Endosulfan I

R.T.: 5.634 min  
Delta R.T.: -0.002 min  
Response: 512487970  
Conc: 52.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB123397BS

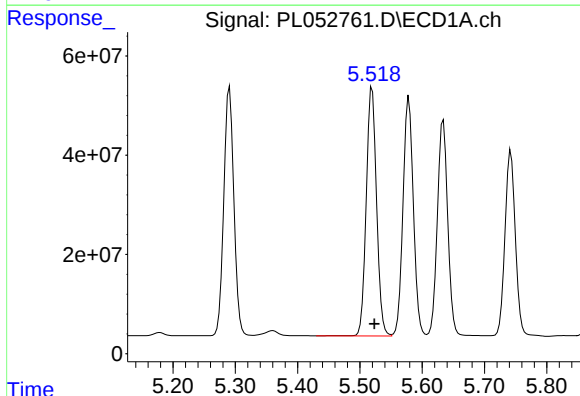
Manual Integrations  
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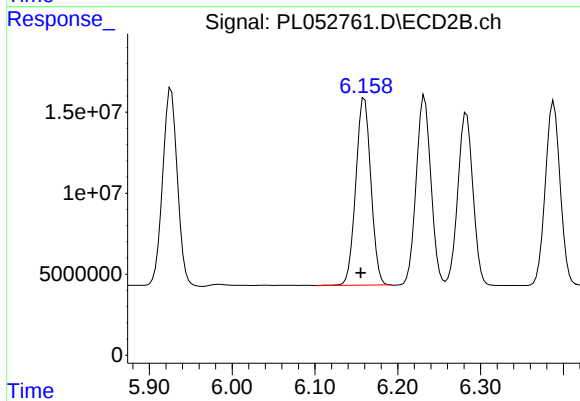
#9 Endosulfan I

R.T.: 6.283 min  
Delta R.T.: 0.004 min  
Response: 132462356  
Conc: 56.82 ng/ml



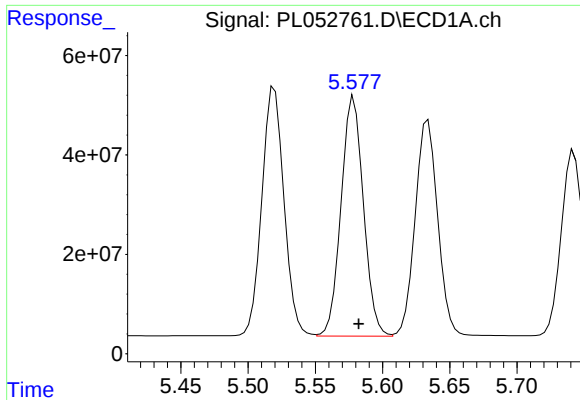
#10 gamma-Chlordane

R.T.: 5.520 min  
Delta R.T.: -0.004 min  
Response: 576191417  
Conc: 54.25 ng/ml



#10 gamma-Chlordane

R.T.: 6.160 min  
Delta R.T.: 0.005 min  
Response: 146663896  
Conc: 57.65 ng/ml



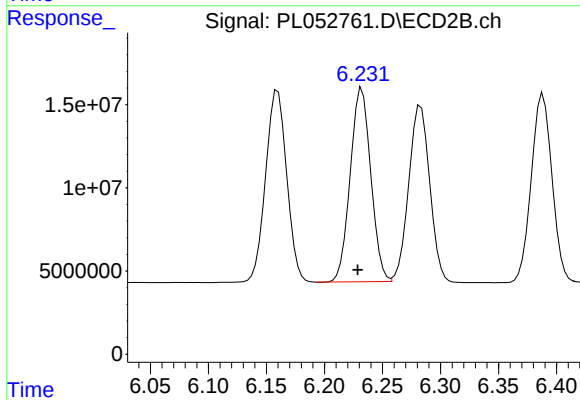
#11 alpha-Chlordane

R.T.: 5.579 min  
Delta R.T.: -0.004 min  
Response: 556761027  
Conc: 53.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB123397BS

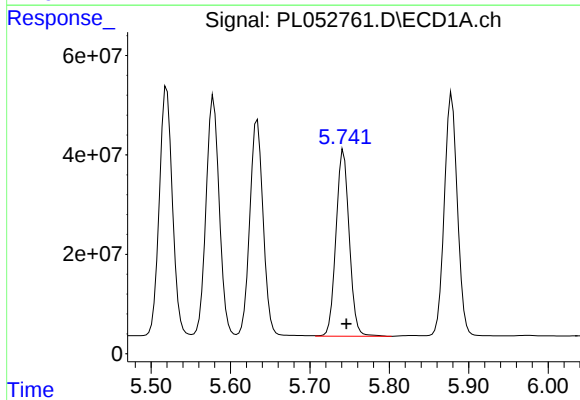
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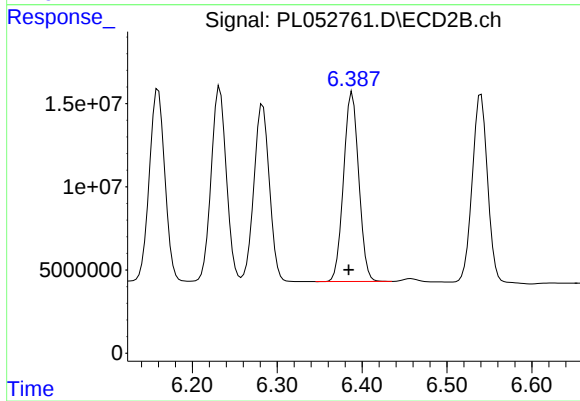
#11 alpha-Chlordane

R.T.: 6.232 min  
Delta R.T.: 0.004 min  
Response: 143472118  
Conc: 57.43 ng/ml



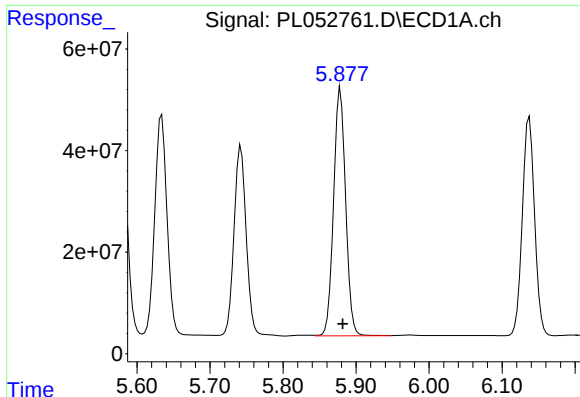
#12 4,4'-DDE

R.T.: 5.742 min  
Delta R.T.: -0.004 min  
Response: 435416328  
Conc: 46.66 ng/ml



#12 4,4'-DDE

R.T.: 6.388 min  
Delta R.T.: 0.004 min  
Response: 141482326  
Conc: 58.03 ng/ml



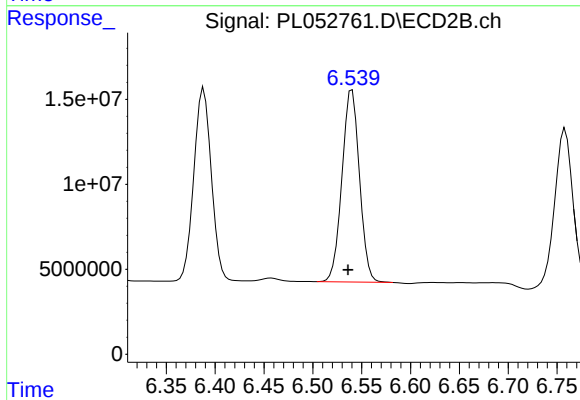
#13 Dieldrin

R.T.: 5.879 min  
Delta R.T.: -0.003 min  
Response: 560549409  
Conc: 54.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB123397BS

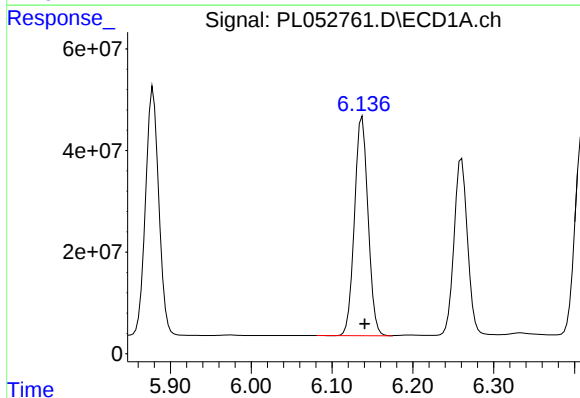
Manual Integrations  
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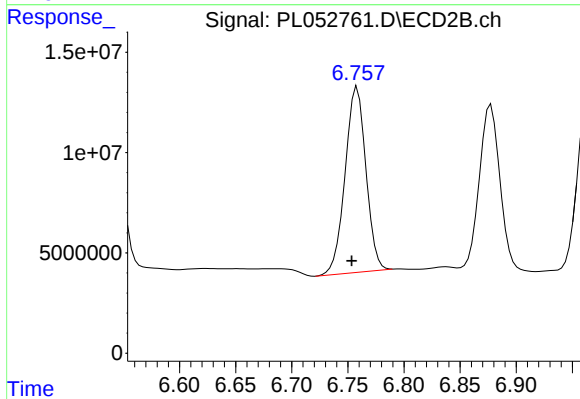
#13 Dieldrin

R.T.: 6.540 min  
Delta R.T.: 0.004 min  
Response: 141048843  
Conc: 57.76 ng/ml



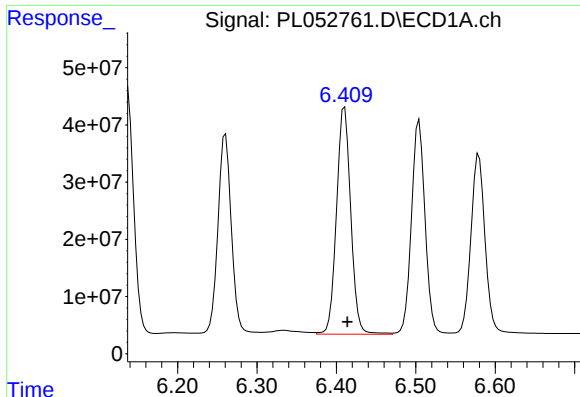
#14 Endrin

R.T.: 6.137 min  
Delta R.T.: -0.003 min  
Response: 503106555  
Conc: 60.85 ng/ml



#14 Endrin

R.T.: 6.758 min  
Delta R.T.: 0.005 min  
Response: 119793536  
Conc: 61.89 ng/ml



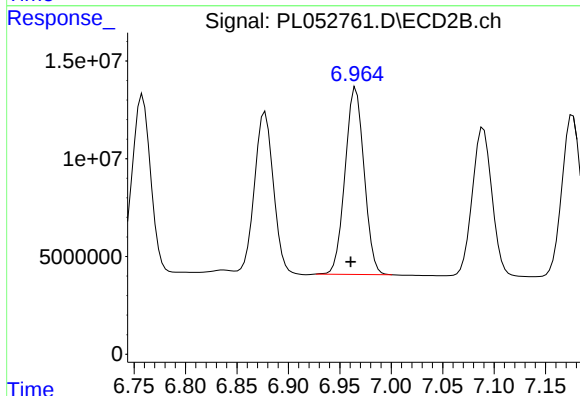
#15 Endosulfan II

R.T.: 6.410 min  
Delta R.T.: -0.003 min  
Response: 495075402  
Conc: 51.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB123397BS

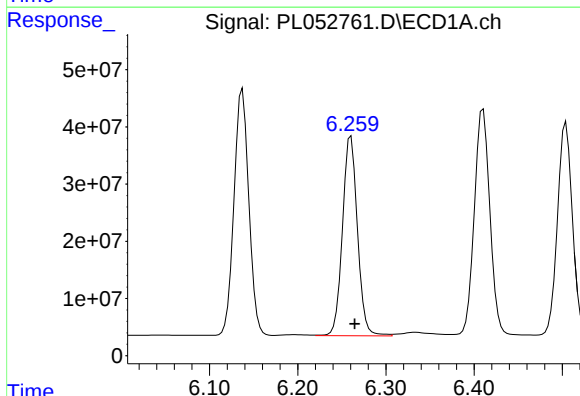
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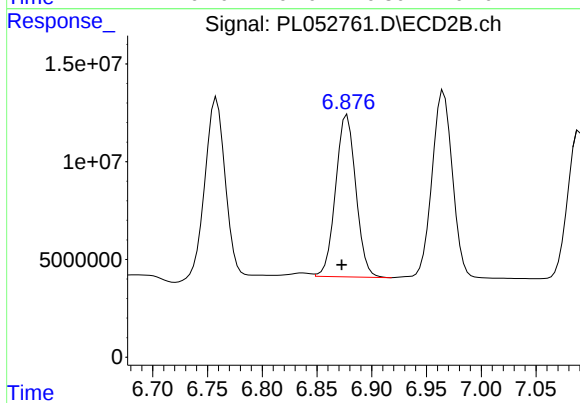
#15 Endosulfan II

R.T.: 6.966 min  
Delta R.T.: 0.005 min  
Response: 122941175  
Conc: 55.08 ng/ml



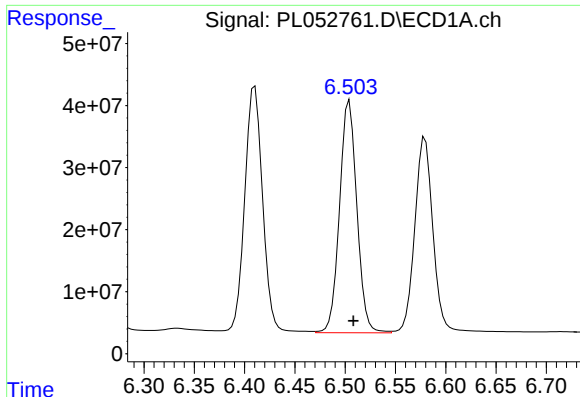
#16 4,4'-DDD

R.T.: 6.260 min  
Delta R.T.: -0.004 min  
Response: 411528466  
Conc: 53.73 ng/ml



#16 4,4'-DDD

R.T.: 6.878 min  
Delta R.T.: 0.005 min  
Response: 106353559  
Conc: 57.74 ng/ml



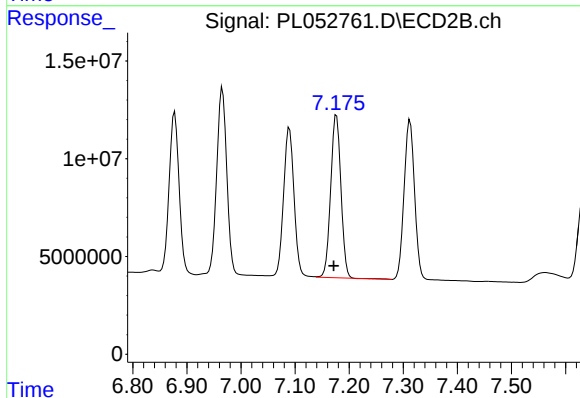
#17 4,4'-DDT

R.T.: 6.504 min  
Delta R.T.: -0.004 min  
Response: 448267232  
Conc: 57.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB123397BS

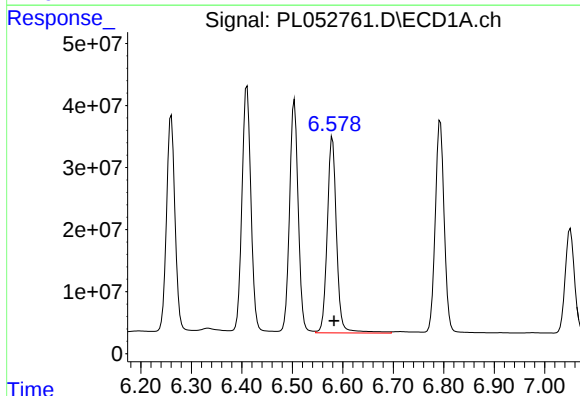
Manual Integrations  
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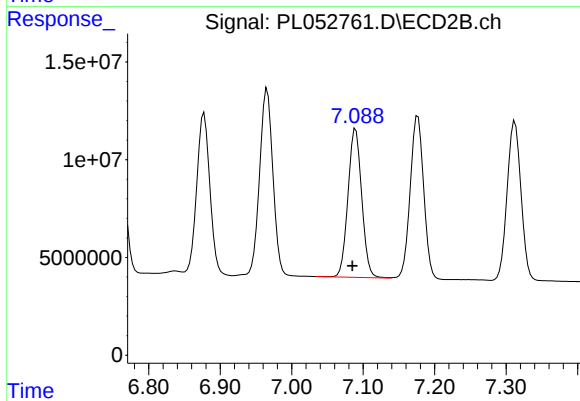
#17 4,4'-DDT

R.T.: 7.177 min  
Delta R.T.: 0.005 min  
Response: 109888825  
Conc: 60.08 ng/ml



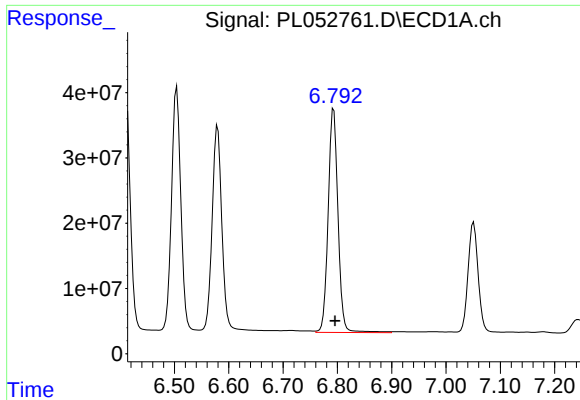
#18 Endrin aldehyde

R.T.: 6.579 min  
Delta R.T.: -0.003 min  
Response: 407281406  
Conc: 52.68 ng/ml



#18 Endrin aldehyde

R.T.: 7.090 min  
Delta R.T.: 0.005 min  
Response: 101884102  
Conc: 54.92 ng/ml



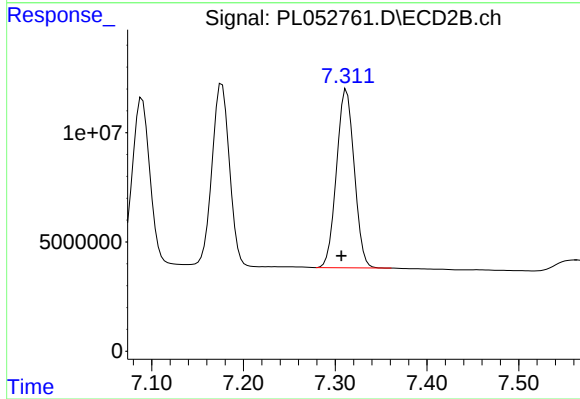
#19 Endosulfan Sulfate

R.T.: 6.793 min  
Delta R.T.: -0.003 min  
Response: 431738905  
Conc: 52.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB123397BS

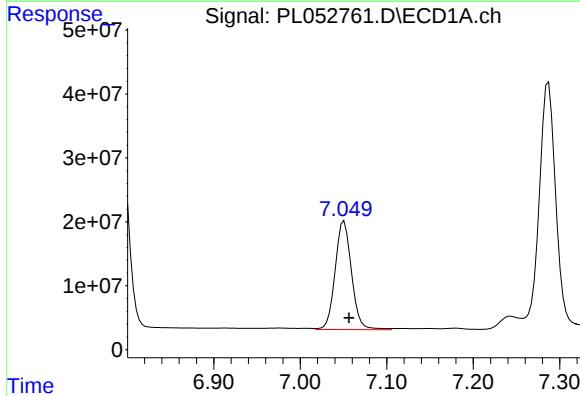
Manual Integrations  
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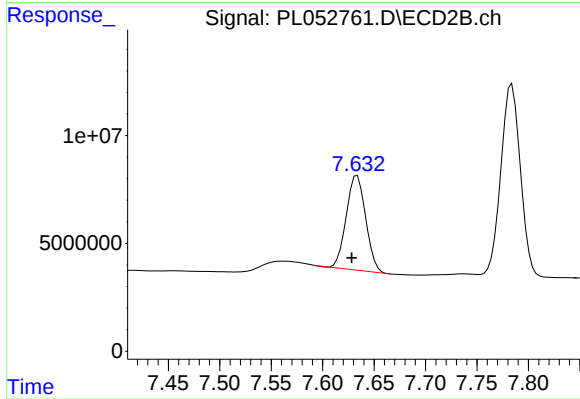
#19 Endosulfan Sulfate

R.T.: 7.312 min  
Delta R.T.: 0.005 min  
Response: 109509549  
Conc: 53.32 ng/ml



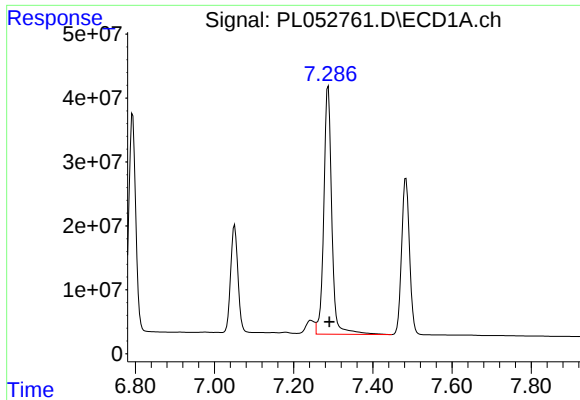
#20 Methoxychlor

R.T.: 7.051 min  
Delta R.T.: -0.005 min  
Response: 222509085  
Conc: 55.04 ng/ml



#20 Methoxychlor

R.T.: 7.634 min  
Delta R.T.: 0.005 min  
Response: 57356943  
Conc: 56.60 ng/ml



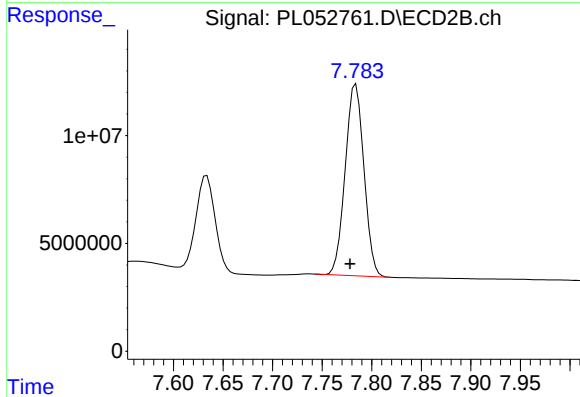
#21 Endrin ketone

R.T.: 7.287 min  
Delta R.T.: -0.004 min  
Response: 547718754  
Conc: 52.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB123397BS

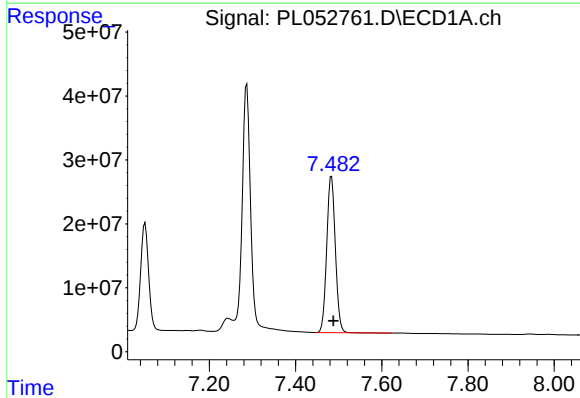
Manual Integrations  
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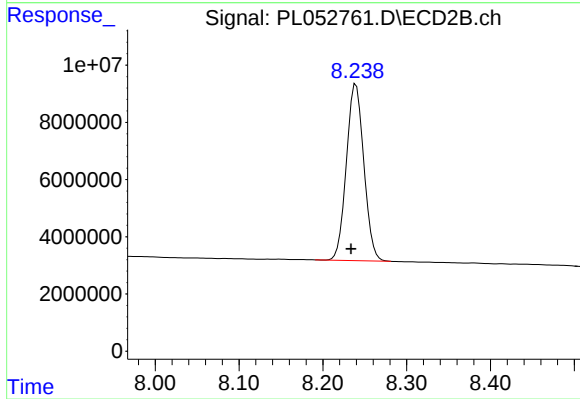
#21 Endrin ketone

R.T.: 7.784 min  
Delta R.T.: 0.006 min  
Response: 116701555  
Conc: 52.55 ng/ml



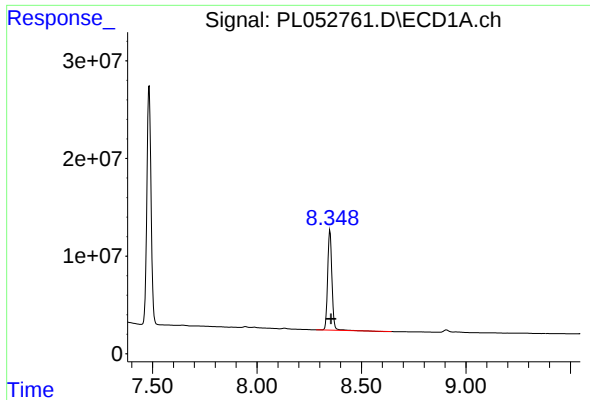
#22 Mirex

R.T.: 7.483 min  
Delta R.T.: -0.004 min  
Response: 339759450  
Conc: 44.43 ng/ml



#22 Mirex

R.T.: 8.240 min  
Delta R.T.: 0.006 min  
Response: 89578885  
Conc: 52.34 ng/ml



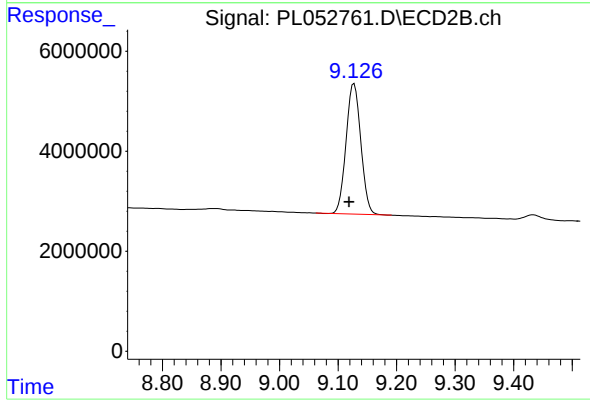
#28 Decachlorobiphenyl

R.T.: 8.349 min  
Delta R.T.: -0.005 min  
Response: 144685384  
Conc: 16.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB123397BS

Manual Integrations  
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#28 Decachlorobiphenyl

R.T.: 9.127 min  
Delta R.T.: 0.009 min  
Response: 45693890  
Conc: 19.08 ng/ml