

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL061418\  
 Data File : PL036933.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Jun 2018 18:53  
 Operator : UA\AJ  
 Sample : J2604-20DL 5X  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PT-PEST-SOILDL

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 15 02:35:17 2018  
 Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD\_L\methods\PL061418.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jun 14 16:13:31 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... | 3.341 | 3.937 | 26835692 | 12183290 | 3.774   | 4.766 #  |
| 28)                         | SA Decachlor... | 8.026 | 8.950 | 28074814 | 11693833 | 4.315   | 4.584    |
| Target Compounds            |                 |       |       |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.772 | 4.317 | 1843.7E6 | 664.2E6  | 164.694 | 185.264  |
| 3)                          | MA gamma-BHC... | 4.049 | 4.598 | 1329.2E6 | 462.8E6  | 137.374 | 144.171  |
| 4)                          | MA Heptachlor   | 4.335 | 5.109 | 1478.2E6 | 538.8E6  | 160.092 | 166.123  |
| 5)                          | MB Aldrin       | 4.576 | 5.412 | 1842.3E6 | 637.5E6  | 199.299 | 215.754  |
| 6)                          | B beta-BHC      | 4.303 | 4.758 | 1029.0E6 | 366.4E6  | 240.954 | 244.520  |
| 7)                          | B delta-BHC     | 4.499 | 4.971 | 1588.0E6 | 511.8E6  | 165.477 | 185.268m |
| 8)                          | B Heptachlo...  | 5.015 | 5.791 | 778.6E6  | 255.7E6  | 92.370  | 92.663   |
| 9)                          | A Endosulfan I  | 5.346 | 6.144 | 822.1E6  | 274.9E6  | 107.587 | 112.012  |
| 10)                         | B gamma-Chl...  | 5.237 | 6.024 | 1998.2E6 | 689.9E6  | 237.596 | 248.007  |
| 11)                         | B alpha-Chl...  | 5.294 | 6.098 | 2243.7E6 | 791.9E6  | 275.420 | 287.932  |
| 12)                         | B 4,4'-DDE      | 5.464 | 6.253 | 1204.6E6 | 398.6E6  | 153.164 | 162.473  |
| 13)                         | MA Dieldrin     | 5.587 | 6.399 | 1445.2E6 | 485.9E6  | 179.916 | 188.792  |
| 14)                         | MA Endrin       | 5.840 | 6.613 | 621.2E6  | 204.0E6  | 89.167  | 91.156   |
| 15)                         | B Endosulfa...  | 6.115 | 6.815 | 353.4E6  | 123.2E6  | 52.662  | 50.696   |
| 16)                         | A 4,4'-DDD      | 5.976 | 6.735 | 754.9E6  | 248.0E6  | 126.605 | 126.114  |
| 17)                         | MA 4,4'-DDT     | 6.211 | 7.034 | 552.3E6  | 196.6E6  | 94.085  | 93.411   |
| 18)                         | B Endrin al...  | 6.283 | 6.938 | 165.0E6  | 63698845 | 32.509  | 32.757   |
| 19)                         | B Endosulfa...  | 6.494 | 7.159 | 152.3E6  | 65366456 | 25.188  | 30.132   |
| 20)                         | A Methoxychlor  | 6.760 | 7.488 | 55434155 | 22312891 | 17.465  | 18.421   |
| 21)                         | B Endrin ke...  | 6.979 | 7.624 | 843.0E6  | 293.2E6  | 128.596 | 128.692  |
| -----                       |                 |       |       |          |          |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL061418\  
Data File : PL036933.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 14 Jun 2018 18:53  
Operator : UA\AJ  
Sample : J2604-20DL 5X  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

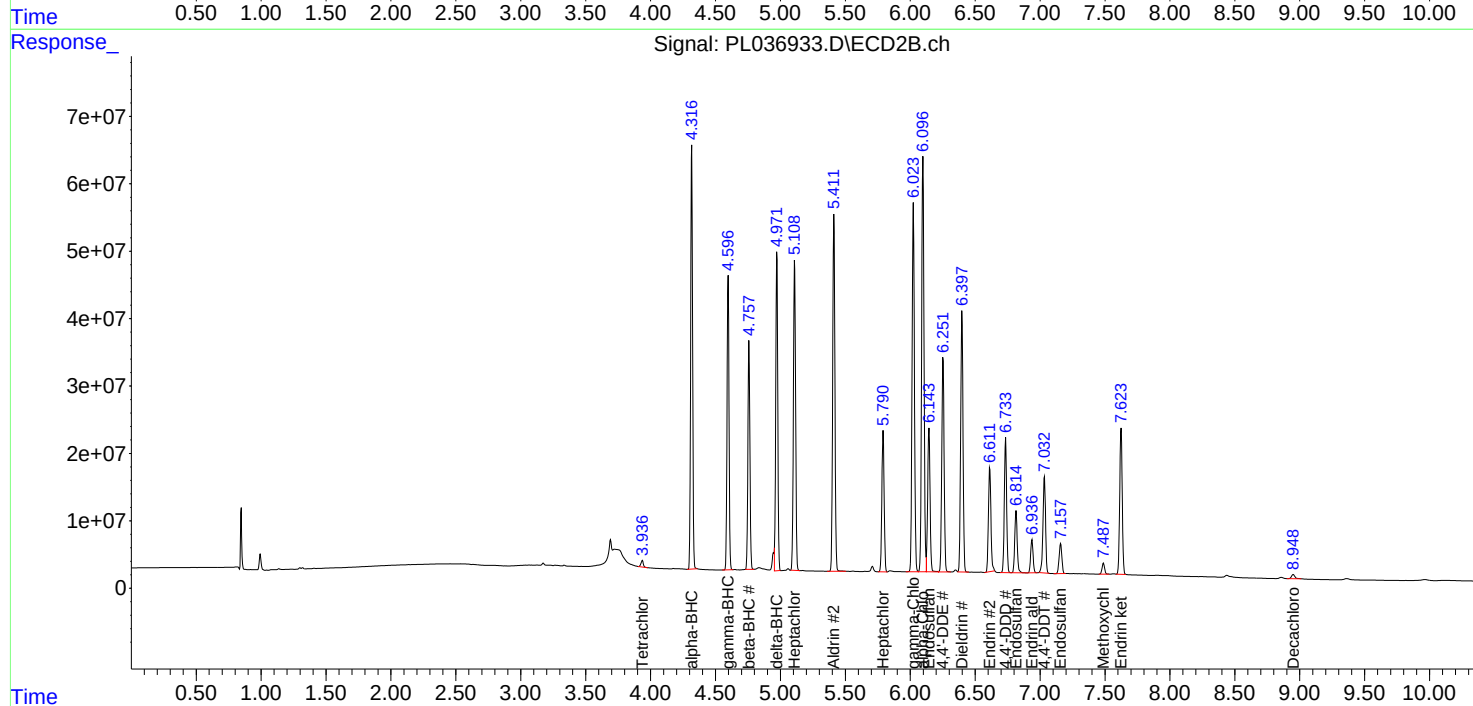
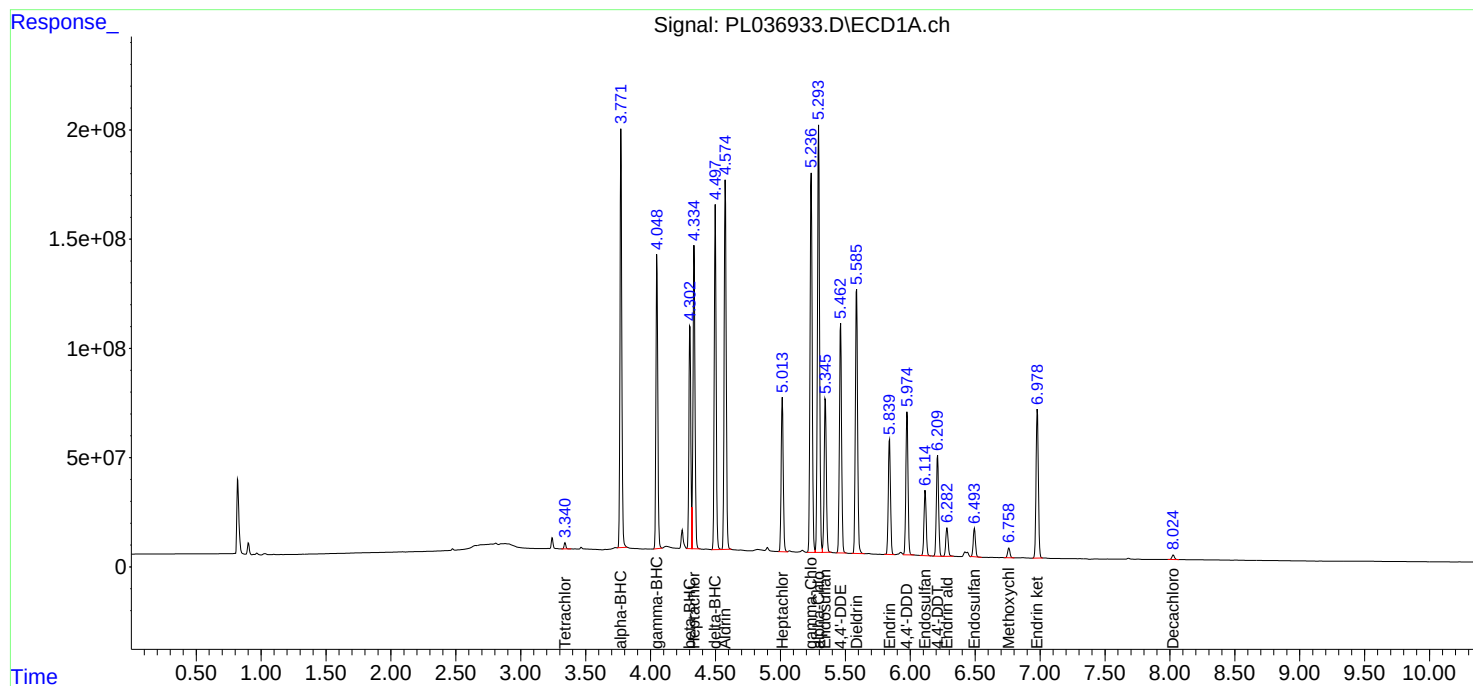
Instrument :  
ECD\_L  
ClientSampled :  
PT-PEST-SOILDL

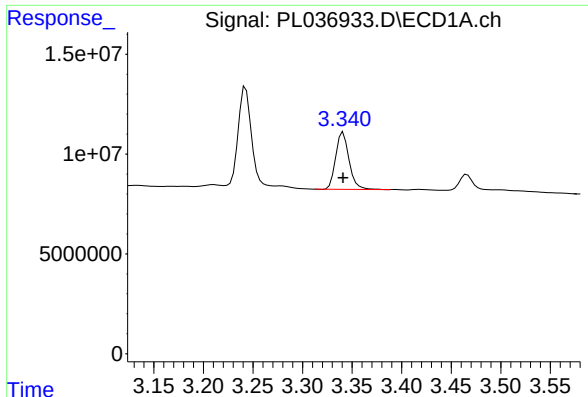
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 15 02:35:17 2018  
Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD\_L\methods\PL061418.M  
Quant Title : GC Extractables  
QLast Update : Thu Jun 14 16:13:31 2018  
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





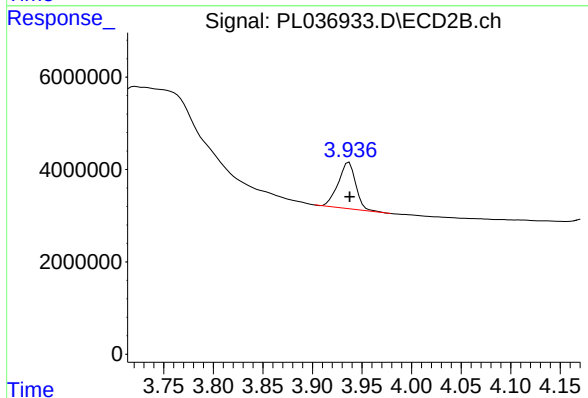
#1 Tetrachloro-m-xylene

R.T.: 3.341 min  
Delta R.T.: 0.000 min  
Response: 26835692  
Conc: 3.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PT-PEST-SOILDL

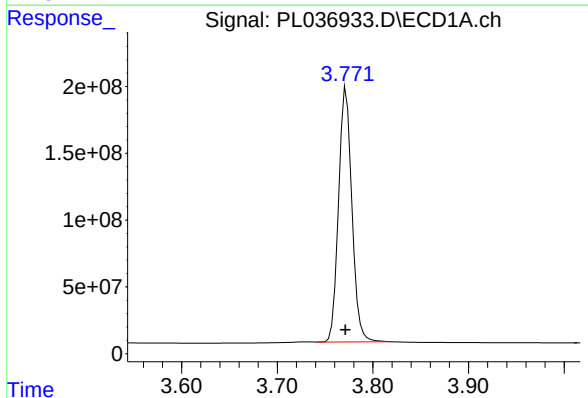
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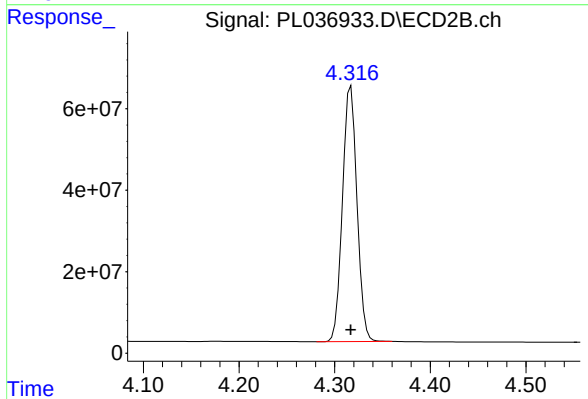
#1 Tetrachloro-m-xylene

R.T.: 3.937 min  
Delta R.T.: 0.000 min  
Response: 12183290  
Conc: 4.77 ng/ml



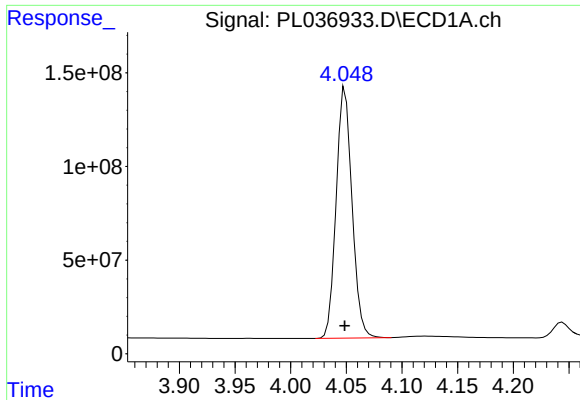
#2 alpha-BHC

R.T.: 3.772 min  
Delta R.T.: 0.000 min  
Response: 1843738642  
Conc: 164.69 ng/ml



#2 alpha-BHC

R.T.: 4.317 min  
Delta R.T.: 0.000 min  
Response: 664163271  
Conc: 185.26 ng/ml



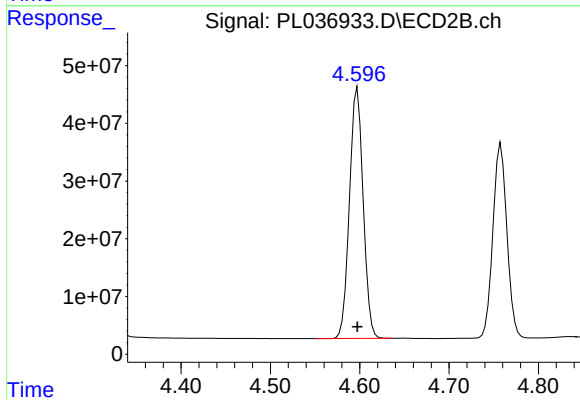
#3 gamma-BHC (Lindane)

R.T.: 4.049 min  
Delta R.T.: 0.000 min  
Response: 1329170032  
Conc: 137.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PT-PEST-SOILDL

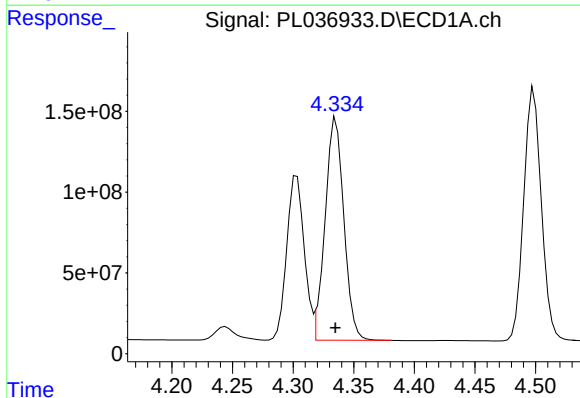
Manual Integrations  
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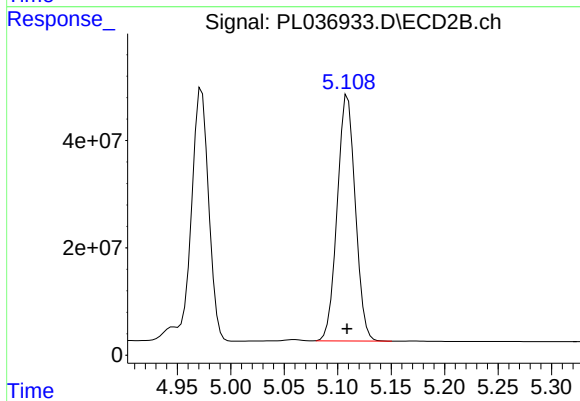
#3 gamma-BHC (Lindane)

R.T.: 4.598 min  
Delta R.T.: 0.000 min  
Response: 462780755  
Conc: 144.17 ng/ml



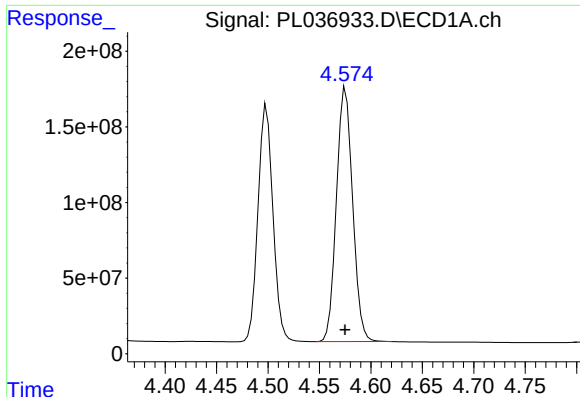
#4 Heptachlor

R.T.: 4.335 min  
Delta R.T.: 0.000 min  
Response: 1478197703  
Conc: 160.09 ng/ml



#4 Heptachlor

R.T.: 5.109 min  
Delta R.T.: 0.000 min  
Response: 538846334  
Conc: 166.12 ng/ml



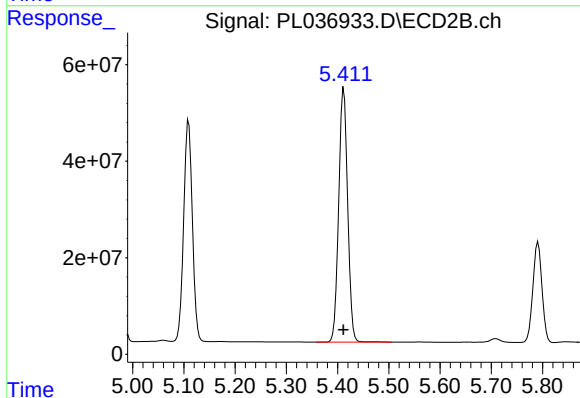
#5 Aldrin

R.T.: 4.576 min  
Delta R.T.: 0.000 min  
Response: 1842258689  
Conc: 199.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PT-PEST-SOILD\_L

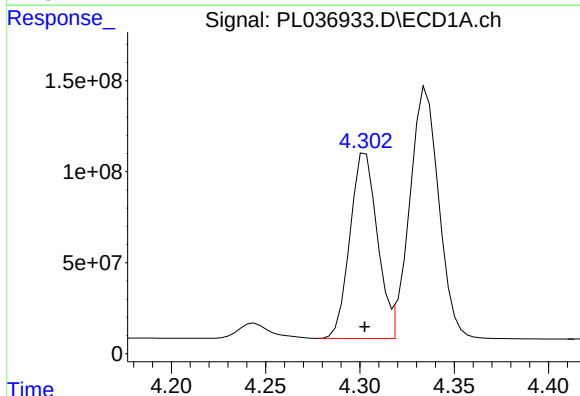
Manual Integrations  
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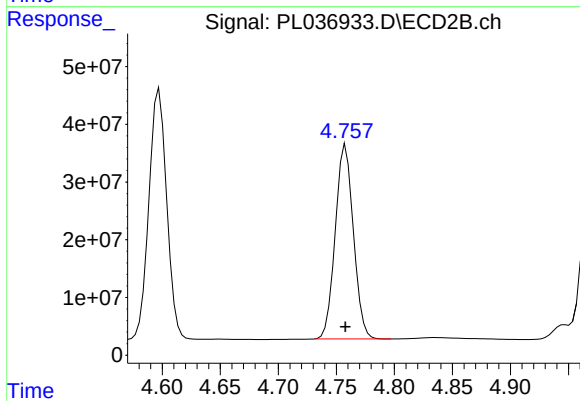
#5 Aldrin

R.T.: 5.412 min  
Delta R.T.: 0.000 min  
Response: 637522582  
Conc: 215.75 ng/ml



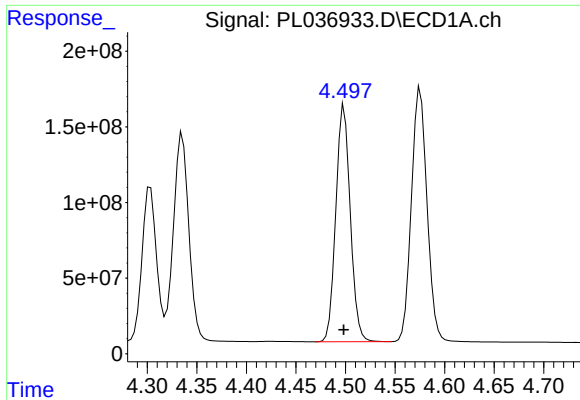
#6 beta-BHC

R.T.: 4.303 min  
Delta R.T.: 0.000 min  
Response: 1029002492  
Conc: 240.95 ng/ml



#6 beta-BHC

R.T.: 4.758 min  
Delta R.T.: 0.000 min  
Response: 366404543  
Conc: 244.52 ng/ml



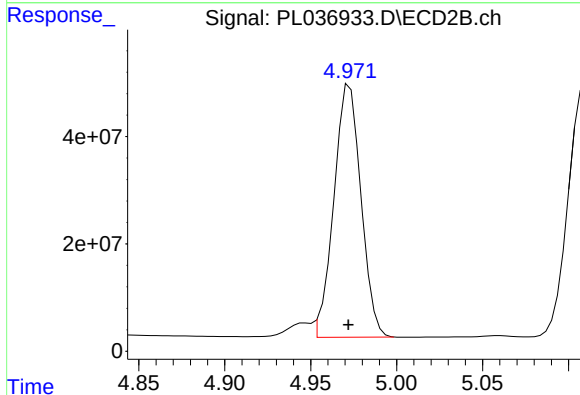
#7 delta-BHC

R.T.: 4.499 min  
Delta R.T.: 0.000 min  
Response: 1588009779  
Conc: 165.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PT-PEST-SOILDL

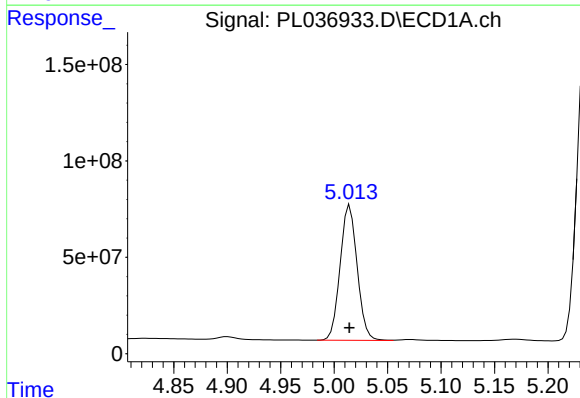
Manual Integrations  
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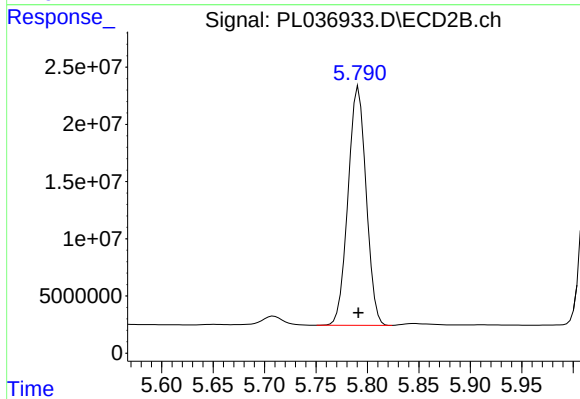
#7 delta-BHC

R.T.: 4.971 min  
Delta R.T.: 0.000 min  
Response: 511790405  
Conc: 185.27 ng/ml m



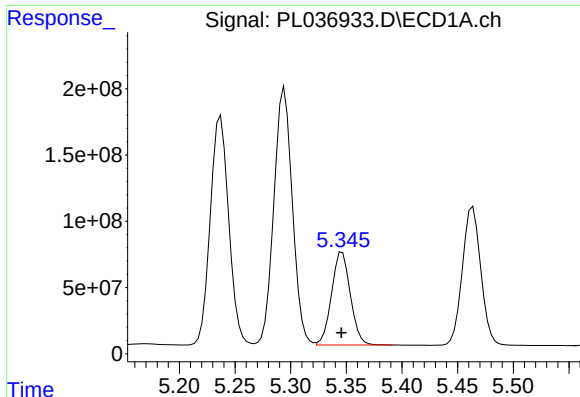
#8 Heptachlor epoxide

R.T.: 5.015 min  
Delta R.T.: 0.000 min  
Response: 778562054  
Conc: 92.37 ng/ml



#8 Heptachlor epoxide

R.T.: 5.791 min  
Delta R.T.: 0.000 min  
Response: 255684601  
Conc: 92.66 ng/ml



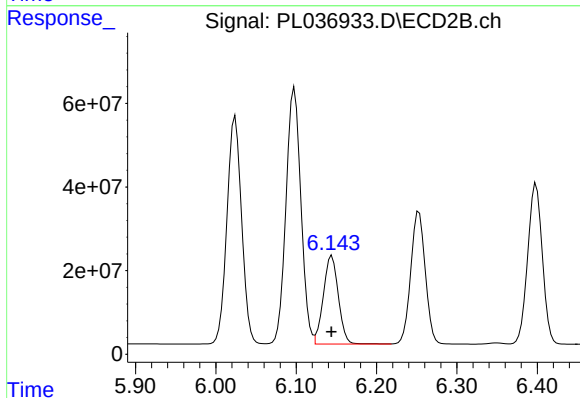
#9 Endosulfan I

R.T.: 5.346 min  
Delta R.T.: 0.000 min  
Response: 822090470  
Conc: 107.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PT-PEST-SOILDL

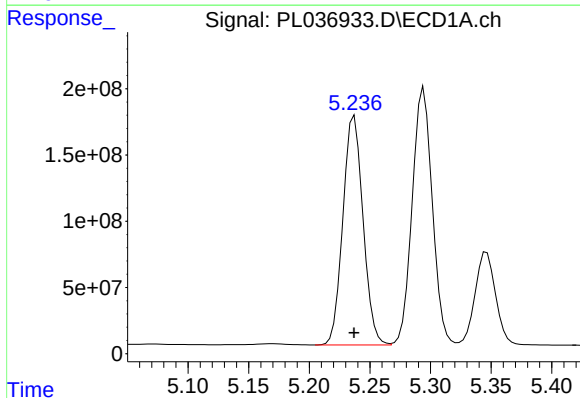
Manual Integrations  
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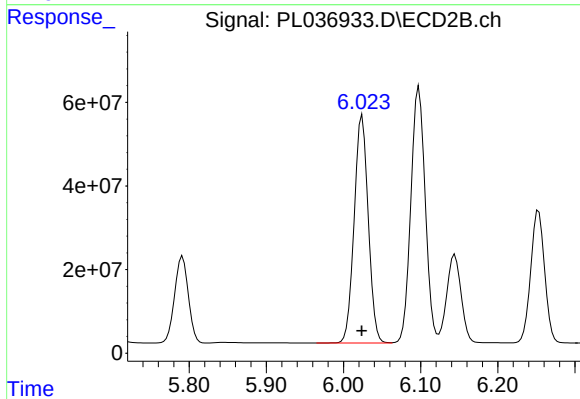
#9 Endosulfan I

R.T.: 6.144 min  
Delta R.T.: 0.000 min  
Response: 274920530  
Conc: 112.01 ng/ml



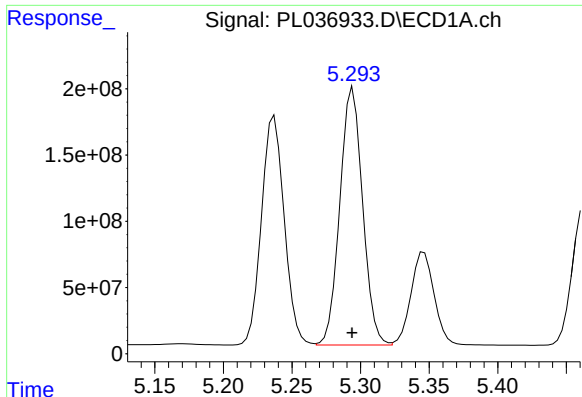
#10 gamma-Chlordane

R.T.: 5.237 min  
Delta R.T.: 0.000 min  
Response: 1998201970  
Conc: 237.60 ng/ml



#10 gamma-Chlordane

R.T.: 6.024 min  
Delta R.T.: 0.000 min  
Response: 689857881  
Conc: 248.01 ng/ml



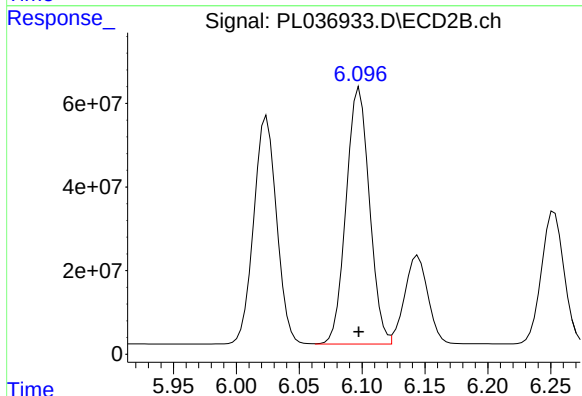
#11 alpha-Chlordane

R.T.: 5.294 min  
Delta R.T.: 0.000 min  
Response: 2243692085  
Conc: 275.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PT-PEST-SOILDL

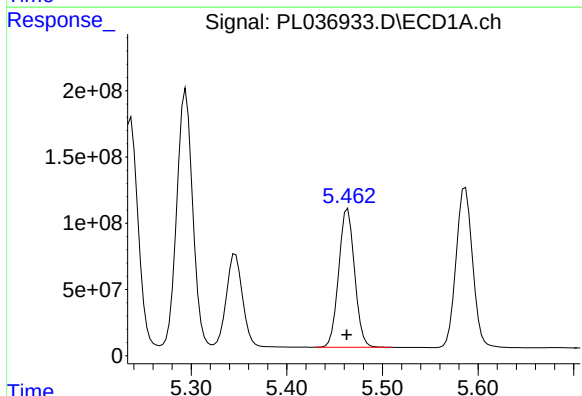
Manual Integrations  
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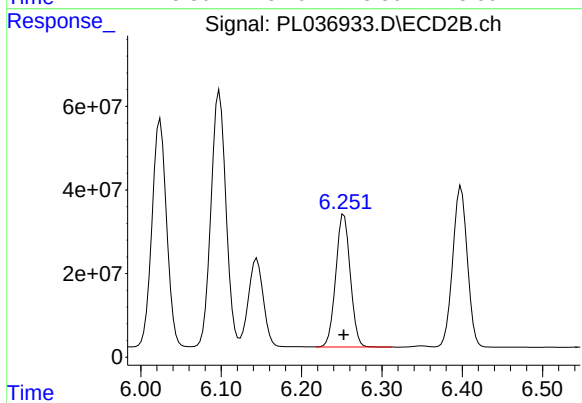
#11 alpha-Chlordane

R.T.: 6.098 min  
Delta R.T.: 0.000 min  
Response: 791949079  
Conc: 287.93 ng/ml



#12 4,4'-DDE

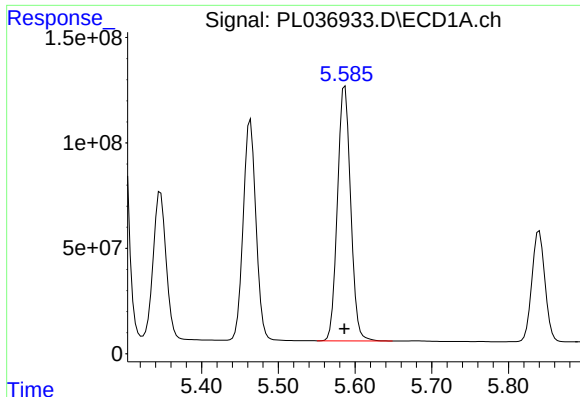
R.T.: 5.464 min  
Delta R.T.: 0.001 min  
Response: 1204623336  
Conc: 153.16 ng/ml



#12 4,4'-DDE

R.T.: 6.253 min  
Delta R.T.: 0.000 min  
Response: 398630924  
Conc: 162.47 ng/ml





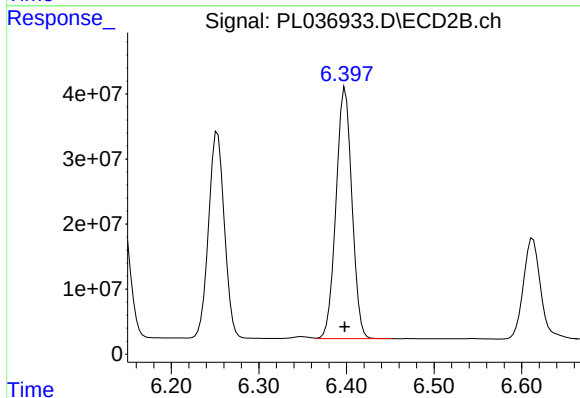
#13 Dieldrin

R.T.: 5.587 min  
Delta R.T.: 0.000 min  
Response: 1445153161  
Conc: 179.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PT-PEST-SOILDL

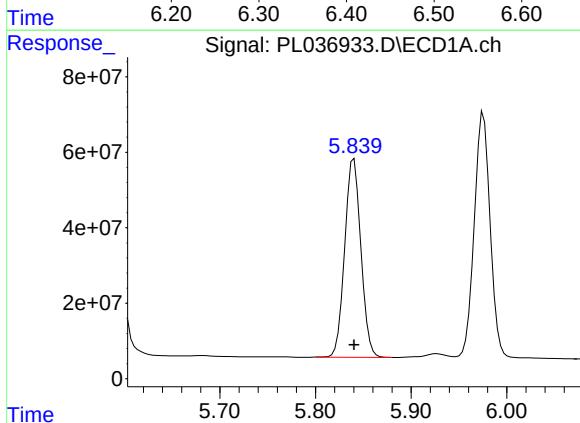
Manual Integrations  
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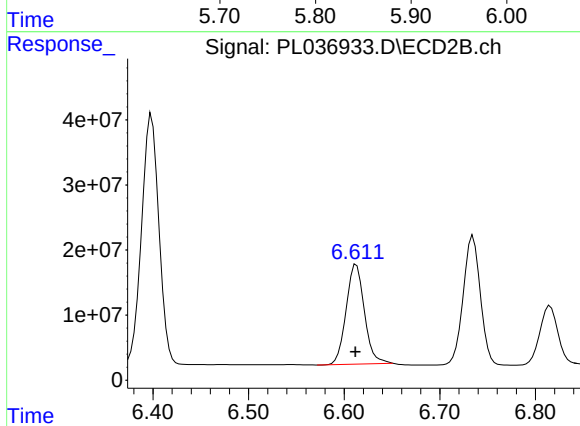
#13 Dieldrin

R.T.: 6.399 min  
Delta R.T.: 0.000 min  
Response: 485886360  
Conc: 188.79 ng/ml



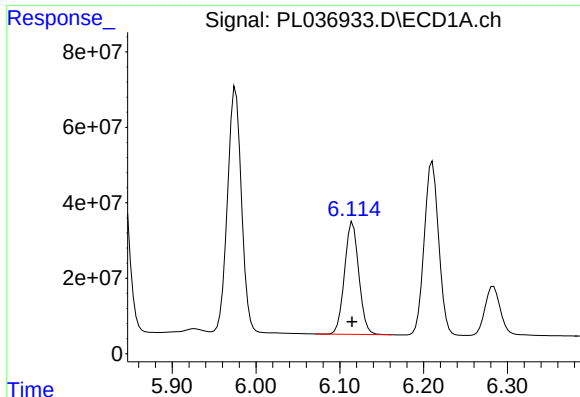
#14 Endrin

R.T.: 5.840 min  
Delta R.T.: 0.000 min  
Response: 621238680  
Conc: 89.17 ng/ml



#14 Endrin

R.T.: 6.613 min  
Delta R.T.: 0.001 min  
Response: 203992767  
Conc: 91.16 ng/ml



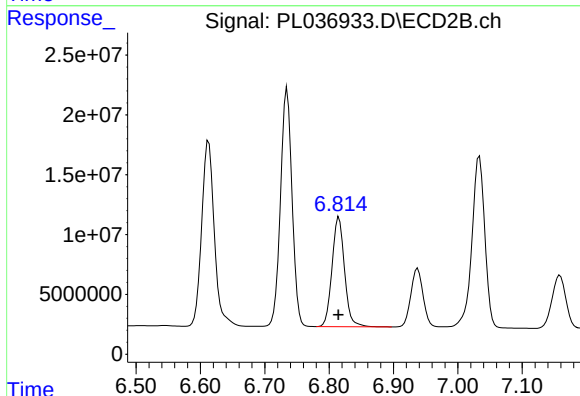
#15 Endosulfan II

R.T.: 6.115 min  
Delta R.T.: 0.000 min  
Response: 353442801  
Conc: 52.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PT-PEST-SOILD\_L

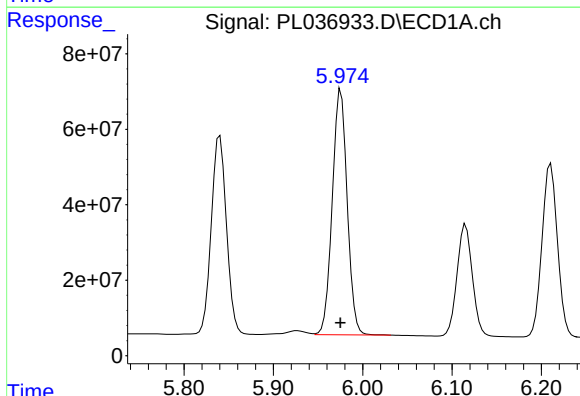
Manual Integrations  
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6/15/2018 11:54:37 AM



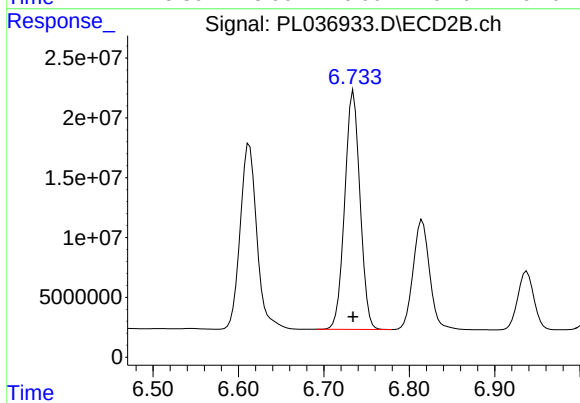
#15 Endosulfan II

R.T.: 6.815 min  
Delta R.T.: 0.000 min  
Response: 123169544  
Conc: 50.70 ng/ml



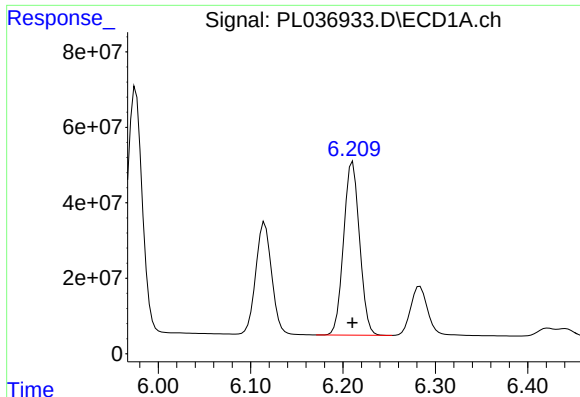
#16 4,4'-DDD

R.T.: 5.976 min  
Delta R.T.: 0.000 min  
Response: 754879328  
Conc: 126.61 ng/ml



#16 4,4'-DDD

R.T.: 6.735 min  
Delta R.T.: 0.000 min  
Response: 247980875  
Conc: 126.11 ng/ml



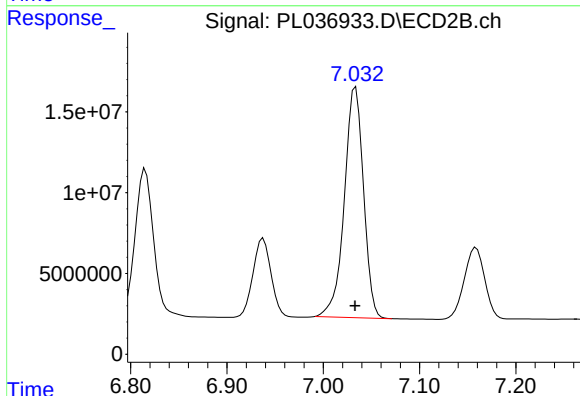
#17 4,4'-DDT

R.T.: 6.211 min  
Delta R.T.: 0.000 min  
Response: 552349610  
Conc: 94.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PT-PEST-SOILDL

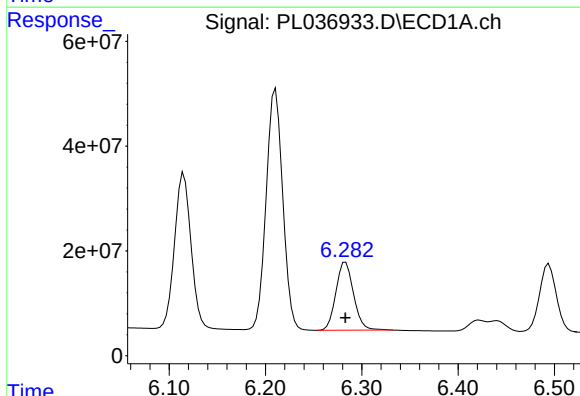
Manual Integrations  
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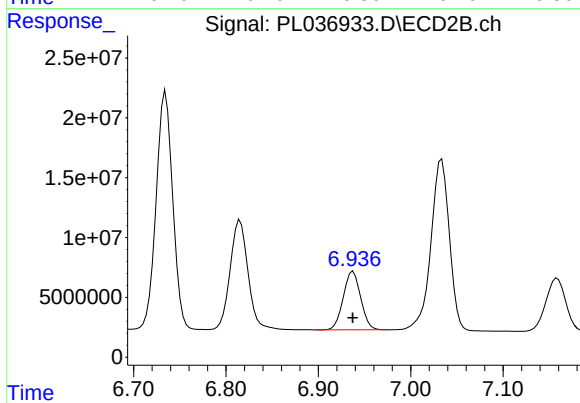
#17 4,4'-DDT

R.T.: 7.034 min  
Delta R.T.: 0.000 min  
Response: 196579642  
Conc: 93.41 ng/ml



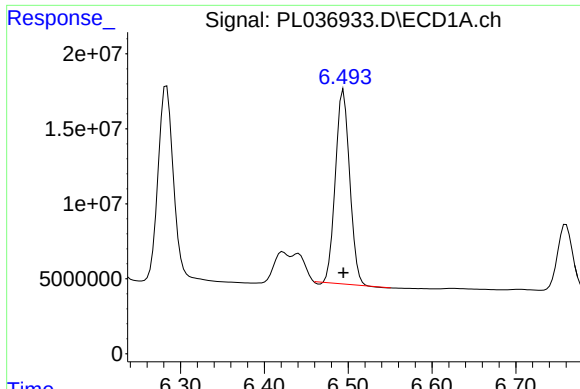
#18 Endrin aldehyde

R.T.: 6.283 min  
Delta R.T.: 0.000 min  
Response: 164982926  
Conc: 32.51 ng/ml



#18 Endrin aldehyde

R.T.: 6.938 min  
Delta R.T.: 0.000 min  
Response: 63698845  
Conc: 32.76 ng/ml



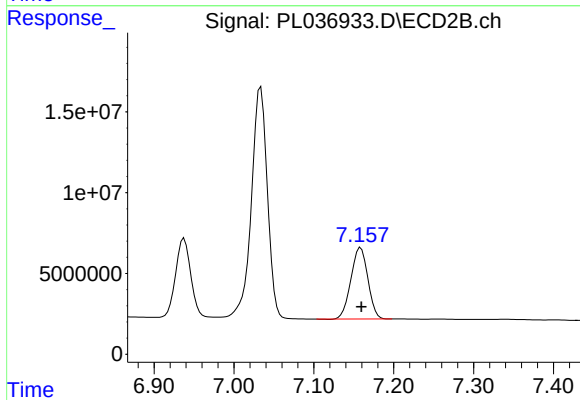
#19 Endosulfan Sulfate

R.T.: 6.494 min  
Delta R.T.: 0.000 min  
Response: 152321467  
Conc: 25.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PT-PEST-SOILDL

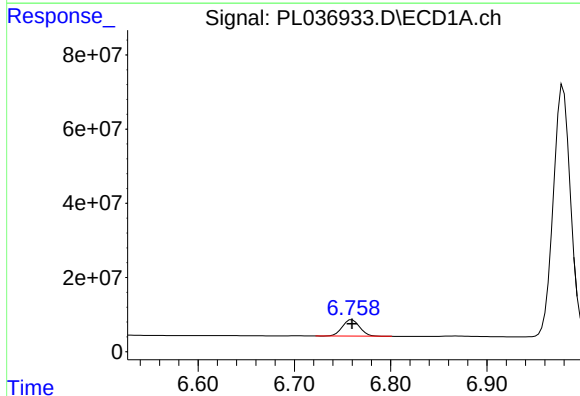
Manual Integrations  
APPROVED

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6/15/2018 11:54:37 AM



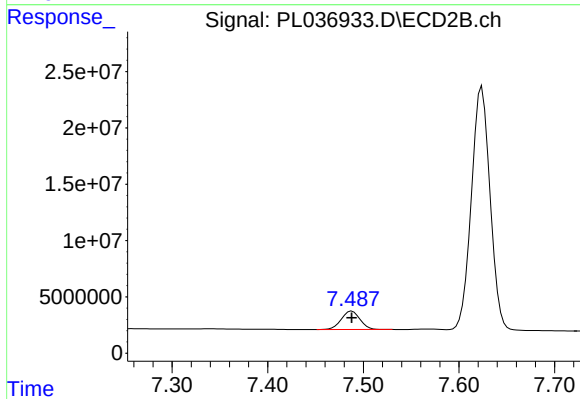
#19 Endosulfan Sulfate

R.T.: 7.159 min  
Delta R.T.: 0.000 min  
Response: 65366456  
Conc: 30.13 ng/ml



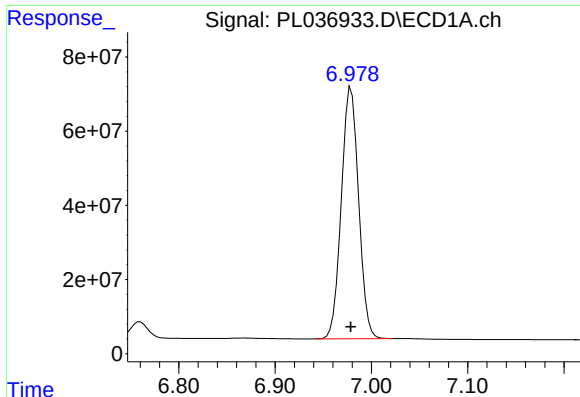
#20 Methoxychlor

R.T.: 6.760 min  
Delta R.T.: 0.000 min  
Response: 55434155  
Conc: 17.46 ng/ml



#20 Methoxychlor

R.T.: 7.488 min  
Delta R.T.: 0.000 min  
Response: 22312891  
Conc: 18.42 ng/ml



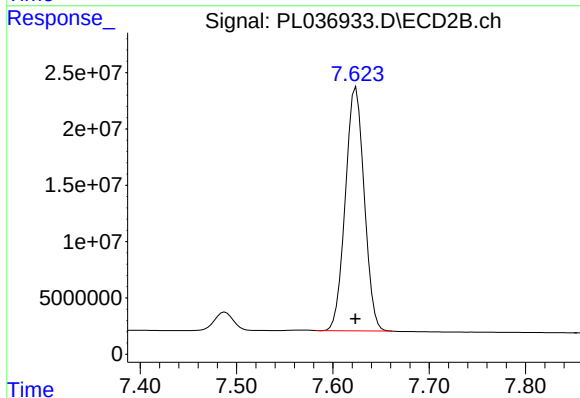
#21 Endrin ketone

R.T.: 6.979 min  
Delta R.T.: 0.000 min  
Response: 843035128  
Conc: 128.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PT-PEST-SOILD

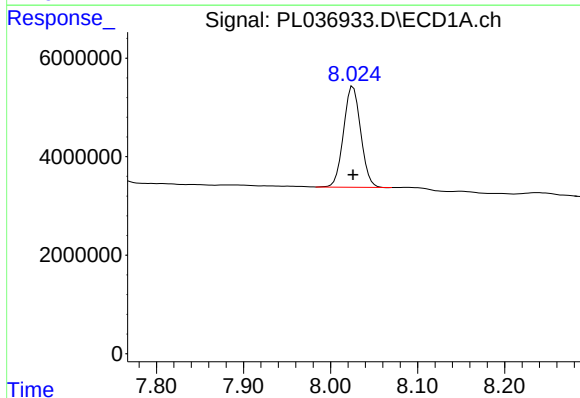
Manual Integrations  
APPROVED

UGO  
6/15/2018 11:54:37 AM



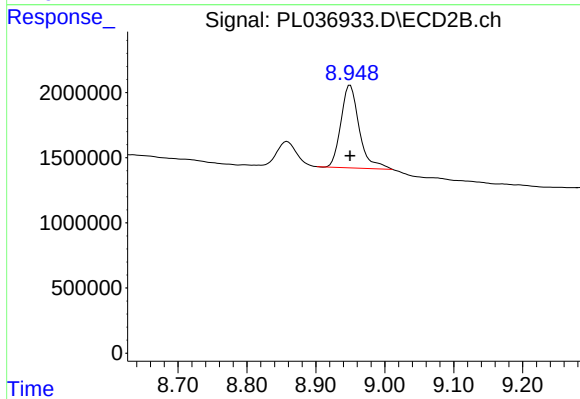
#21 Endrin ketone

R.T.: 7.624 min  
Delta R.T.: 0.000 min  
Response: 293204650  
Conc: 128.69 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.026 min  
Delta R.T.: 0.000 min  
Response: 28074814  
Conc: 4.32 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.950 min  
Delta R.T.: 0.000 min  
Response: 11693833  
Conc: 4.58 ng/ml