

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL011519\  
 Data File : PL043889.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Jan 2019 13:31  
 Operator : AJ\SJ  
 Sample : PB116385BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB116385BS

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 16 00:01:24 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL011119.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Jan 12 01:24:53 2019  
 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... | 3.530 | 4.007 | 98235515 | 39617933 | 20.012  | 20.329  |
| 28)                         | SA Decachlor... | 8.255 | 9.079 | 120.2E6  | 34408260 | 21.276  | 21.660  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.969 | 4.398 | 420.4E6  | 133.4E6  | 54.685  | 49.466  |
| 3)                          | MA gamma-BHC... | 4.253 | 4.684 | 388.0E6  | 125.9E6  | 55.623  | 49.584  |
| 4)                          | MA Heptachlor   | 4.547 | 5.192 | 396.3E6  | 128.4E6  | 56.929m | 53.111m |
| 5)                          | MB Aldrin       | 4.796 | 5.498 | 389.8E6  | 119.4E6  | 56.948  | 50.325  |
| 6)                          | B beta-BHC      | 4.505 | 4.855 | 155.8E6  | 58470842 | 52.326  | 52.742  |
| 7)                          | B delta-BHC     | 4.707 | 5.070 | 316.4E6  | 95922298 | 49.140m | 48.833m |
| 8)                          | B Heptachlo...  | 5.238 | 5.885 | 362.4E6  | 112.6E6  | 56.997  | 52.164  |
| 9)                          | A Endosulfan I  | 5.576 | 6.242 | 344.3E6  | 105.1E6  | 59.000  | 50.957  |
| 10)                         | B gamma-Chl...  | 5.464 | 6.119 | 374.3E6  | 114.7E6  | 58.304  | 51.443  |
| 11)                         | B alpha-Chl...  | 5.521 | 6.191 | 367.5E6  | 114.6E6  | 58.161  | 51.674  |
| 12)                         | B 4,4'-DDE      | 5.683 | 6.349 | 332.6E6  | 97486059 | 61.387m | 53.020  |
| 13)                         | MA Dieldrin     | 5.818 | 6.499 | 367.2E6  | 108.4E6  | 58.941  | 50.837  |
| 14)                         | MA Endrin       | 6.075 | 6.717 | 286.9E6  | 81263926 | 52.887  | 46.334  |
| 15)                         | B Endosulfa...  | 6.347 | 6.925 | 313.1E6  | 95756489 | 60.185m | 51.702  |
| 16)                         | A 4,4'-DDD      | 6.199 | 6.839 | 273.4E6  | 79734638 | 63.195  | 52.768  |
| 17)                         | MA 4,4'-DDT     | 6.437 | 7.137 | 252.0E6  | 75173784 | 55.235  | 45.581  |
| 18)                         | B Endrin al...  | 6.516 | 7.049 | 266.3E6  | 83309542 | 59.689  | 52.571  |
| 19)                         | B Endosulfa...  | 6.727 | 7.272 | 289.7E6  | 88504601 | 53.786  | 46.937  |
| 20)                         | A Methoxychlor  | 6.980 | 7.595 | 132.4E6  | 41427000 | 51.797  | 46.936  |
| 21)                         | B Endrin ke...  | 7.215 | 7.743 | 359.4E6  | 99395484 | 59.670  | 51.217  |
| -----                       |                 |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL011519\  
Data File : PL043889.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Jan 2019 13:31  
Operator : AJ\SJ  
Sample : PB116385BS  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

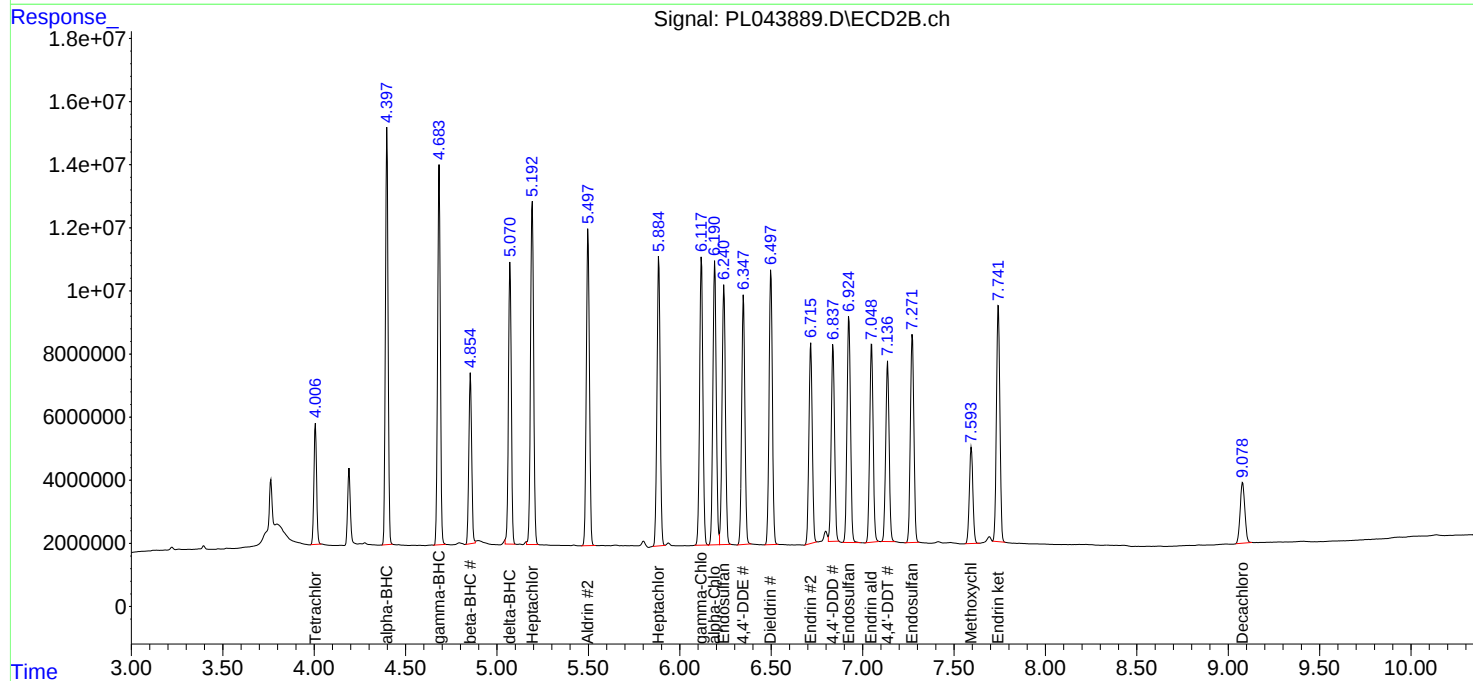
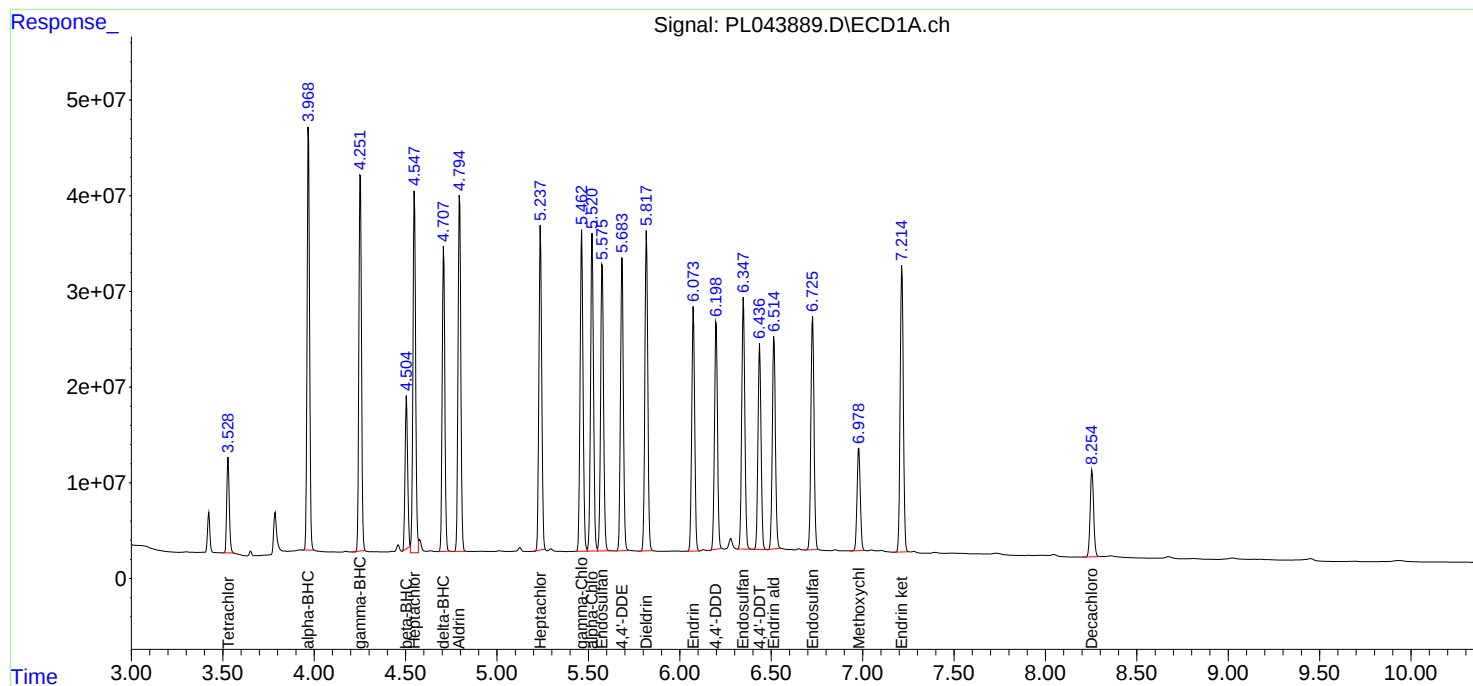
Instrument :  
ECD\_L  
ClientSampleId :  
PB116385BS

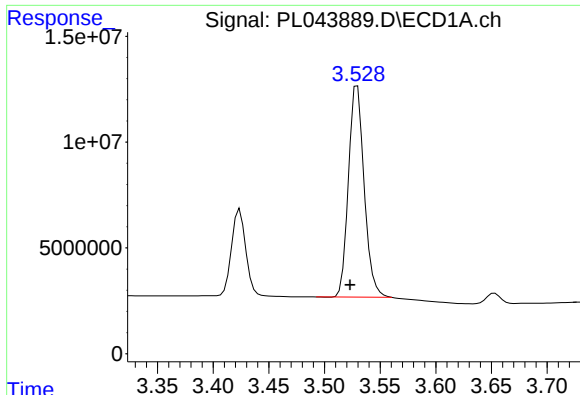
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 16 00:01:24 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL011119.M  
Quant Title : GC Extractables  
QLast Update : Sat Jan 12 01:24:53 2019  
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





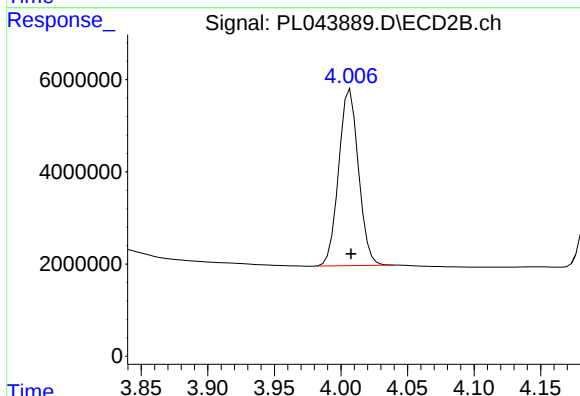
#1 Tetrachloro-m-xylene

R.T.: 3.530 min  
Delta R.T.: 0.007 min  
Response: 98235515  
Conc: 20.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB116385BS

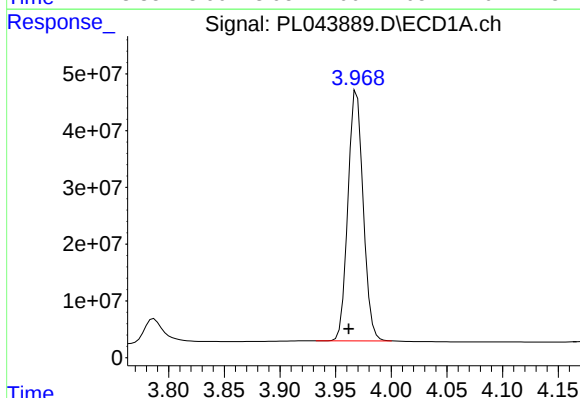
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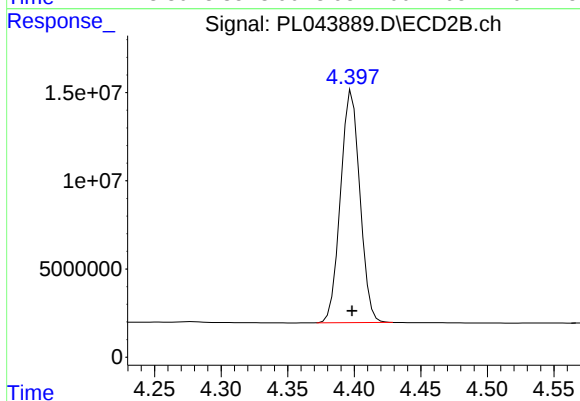
#1 Tetrachloro-m-xylene

R.T.: 4.007 min  
Delta R.T.: 0.000 min  
Response: 39617933  
Conc: 20.33 ng/ml



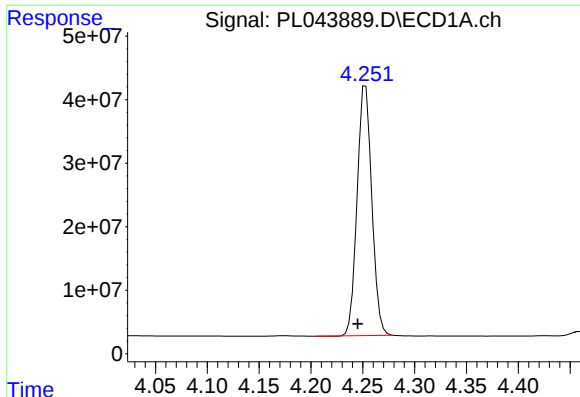
#2 alpha-BHC

R.T.: 3.969 min  
Delta R.T.: 0.007 min  
Response: 420391037  
Conc: 54.68 ng/ml



#2 alpha-BHC

R.T.: 4.398 min  
Delta R.T.: 0.000 min  
Response: 133376722  
Conc: 49.47 ng/ml



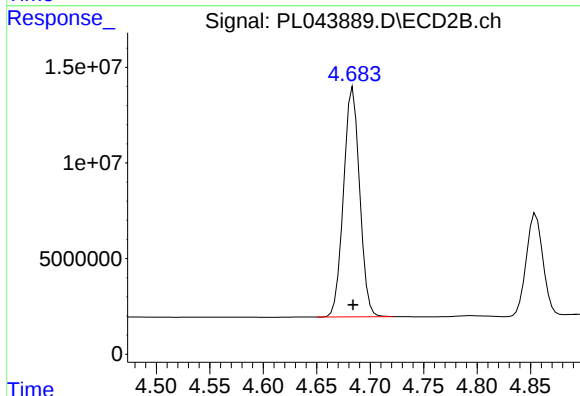
#3 gamma-BHC (Lindane)

R.T.: 4.253 min  
Delta R.T.: 0.008 min  
Response: 387997683  
Conc: 55.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB116385BS

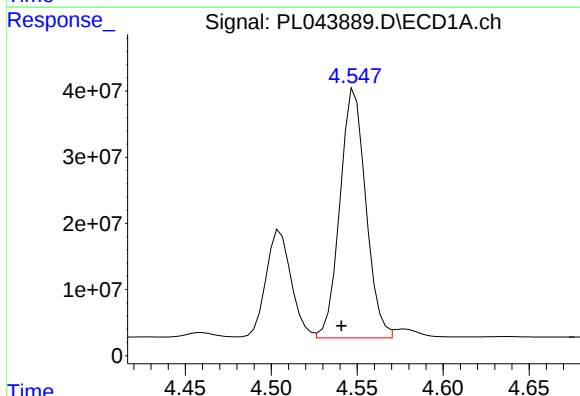
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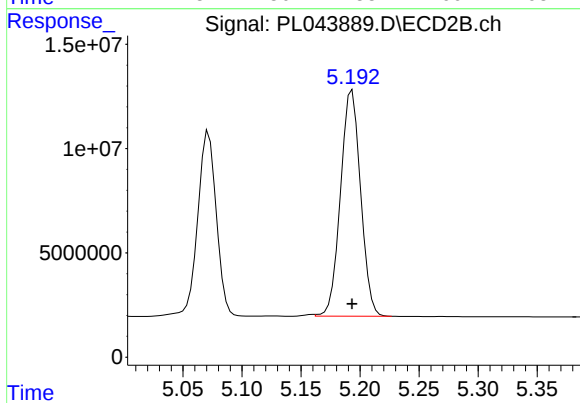
#3 gamma-BHC (Lindane)

R.T.: 4.684 min  
Delta R.T.: 0.000 min  
Response: 125936892  
Conc: 49.58 ng/ml



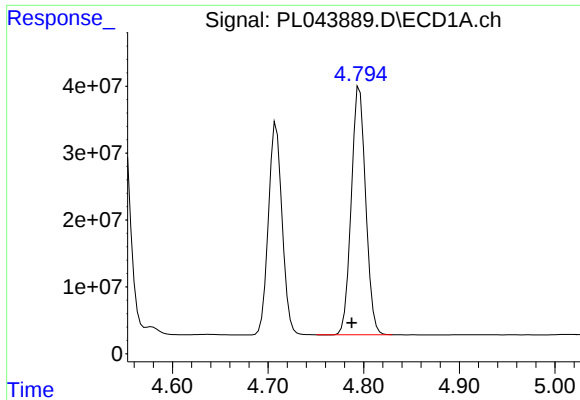
#4 Heptachlor

R.T.: 4.547 min  
Delta R.T.: 0.006 min  
Response: 396321773  
Conc: 56.93 ng/ml m



#4 Heptachlor

R.T.: 5.192 min  
Delta R.T.: -0.001 min  
Response: 128368767  
Conc: 53.11 ng/ml m



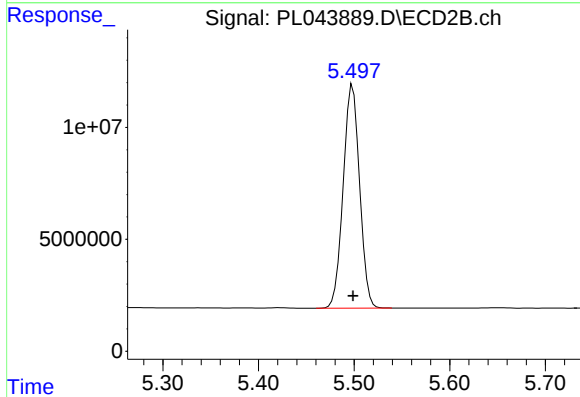
#5 Aldrin

R.T.: 4.796 min  
Delta R.T.: 0.008 min  
Response: 389837255  
Conc: 56.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB116385BS

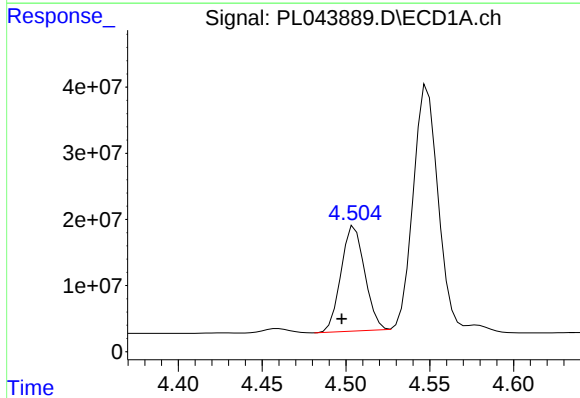
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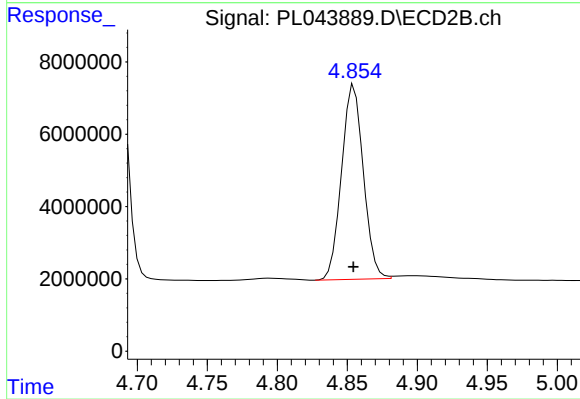
#5 Aldrin

R.T.: 5.498 min  
Delta R.T.: 0.000 min  
Response: 119445564  
Conc: 50.32 ng/ml



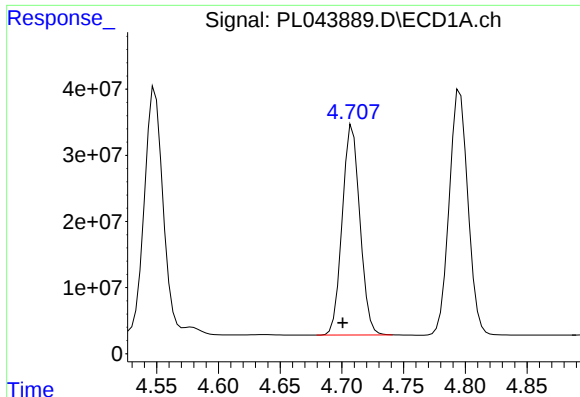
#6 beta-BHC

R.T.: 4.505 min  
Delta R.T.: 0.008 min  
Response: 155770001  
Conc: 52.33 ng/ml



#6 beta-BHC

R.T.: 4.855 min  
Delta R.T.: 0.000 min  
Response: 58470842  
Conc: 52.74 ng/ml



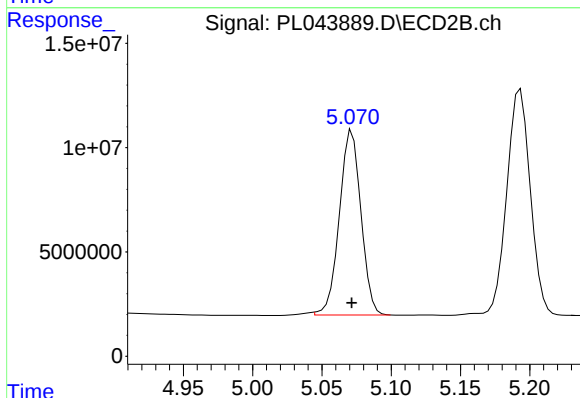
#7 delta-BHC

R.T.: 4.707 min  
Delta R.T.: 0.006 min  
Response: 316407759  
Conc: 49.14 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PB116385BS

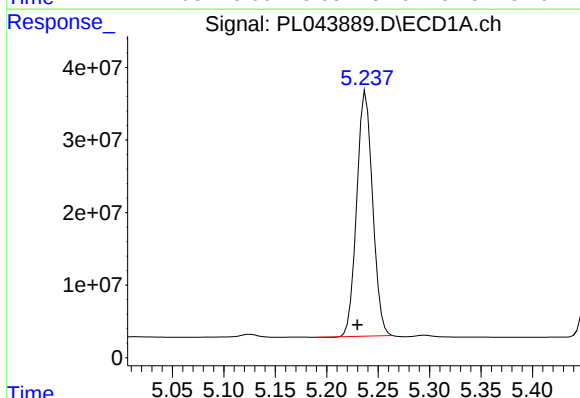
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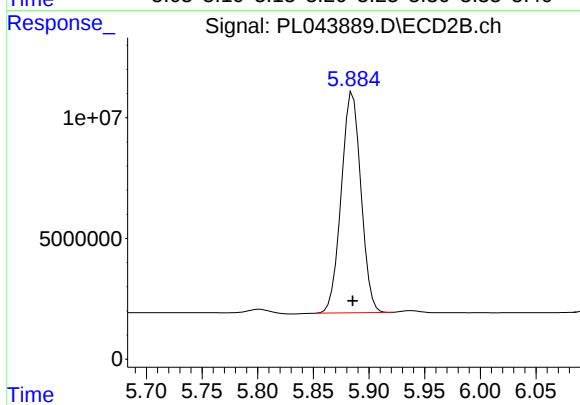
#7 delta-BHC

R.T.: 5.070 min  
Delta R.T.: -0.001 min  
Response: 95922298  
Conc: 48.83 ng/ml m



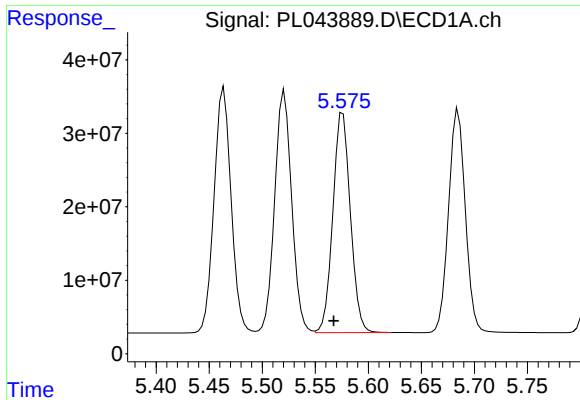
#8 Heptachlor epoxide

R.T.: 5.238 min  
Delta R.T.: 0.008 min  
Response: 362443854  
Conc: 57.00 ng/ml



#8 Heptachlor epoxide

R.T.: 5.885 min  
Delta R.T.: 0.000 min  
Response: 112568413  
Conc: 52.16 ng/ml



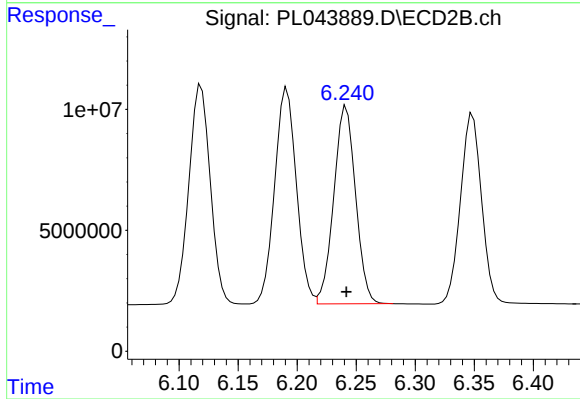
#9 Endosulfan I

R.T.: 5.576 min  
Delta R.T.: 0.008 min  
Response: 344334224  
Conc: 59.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB116385BS

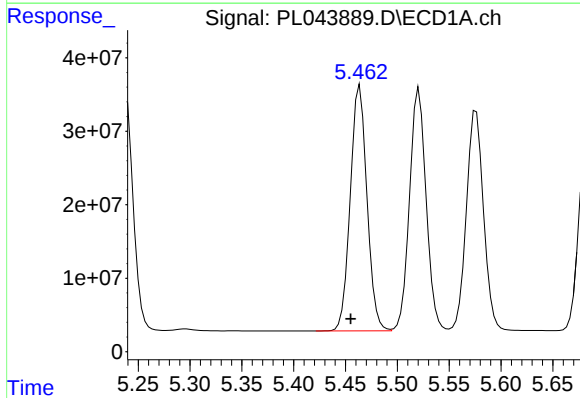
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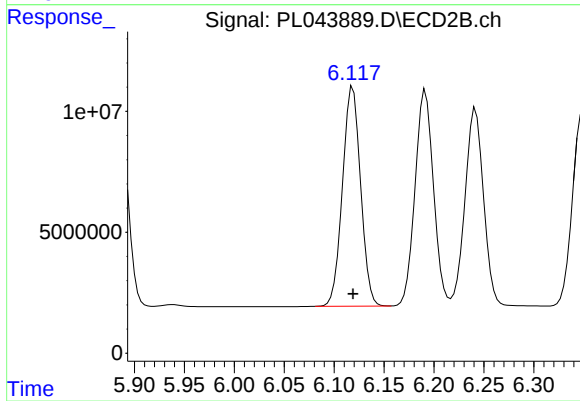
#9 Endosulfan I

R.T.: 6.242 min  
Delta R.T.: 0.000 min  
Response: 105069192  
Conc: 50.96 ng/ml



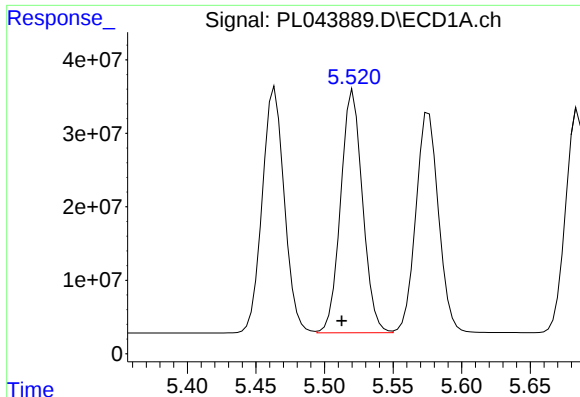
#10 gamma-Chlordane

R.T.: 5.464 min  
Delta R.T.: 0.009 min  
Response: 374272706  
Conc: 58.30 ng/ml



#10 gamma-Chlordane

R.T.: 6.119 min  
Delta R.T.: 0.000 min  
Response: 114688237  
Conc: 51.44 ng/ml



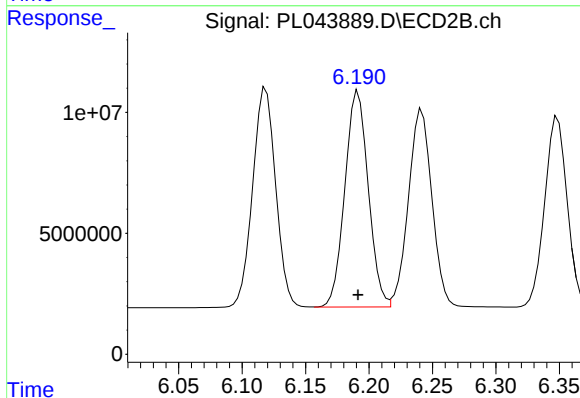
#11 alpha-Chlordane

R.T.: 5.521 min  
Delta R.T.: 0.008 min  
Response: 367523019  
Conc: 58.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB116385BS

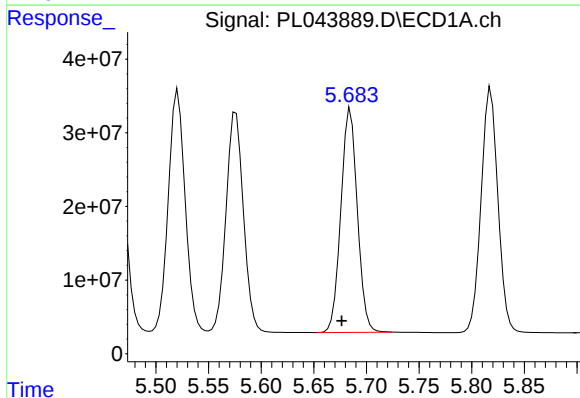
Manual Integrations  
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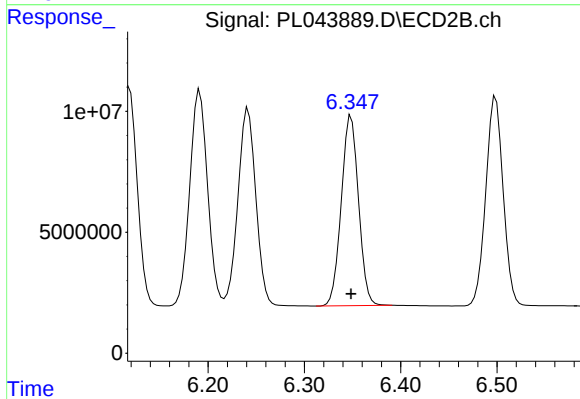
#11 alpha-Chlordane

R.T.: 6.191 min  
Delta R.T.: 0.000 min  
Response: 114550088  
Conc: 51.67 ng/ml



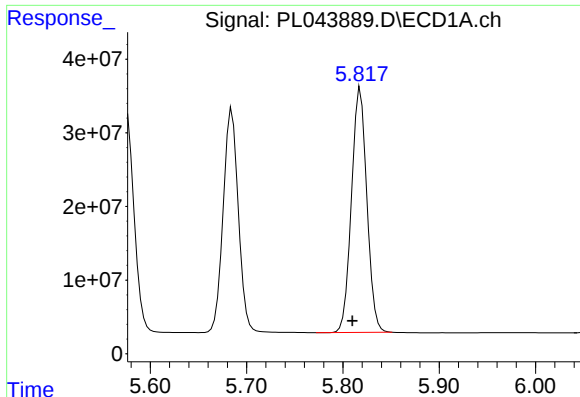
#12 4,4'-DDE

R.T.: 5.683 min  
Delta R.T.: 0.007 min  
Response: 332606246  
Conc: 61.39 ng/ml m



#12 4,4'-DDE

R.T.: 6.349 min  
Delta R.T.: 0.000 min  
Response: 97486059  
Conc: 53.02 ng/ml



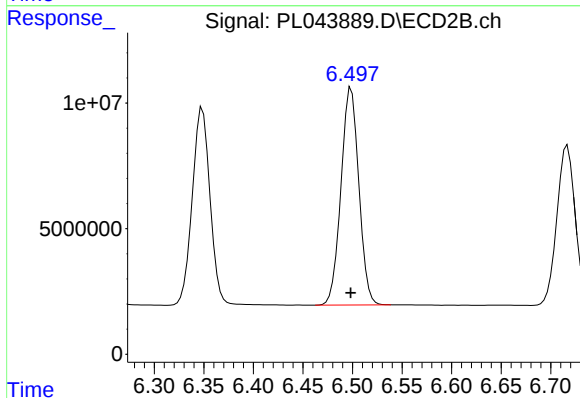
#13 Dieldrin

R.T.: 5.818 min  
Delta R.T.: 0.008 min  
Response: 367166174  
Conc: 58.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB116385BS

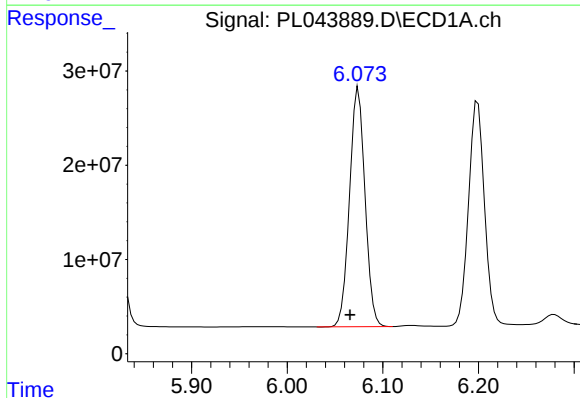
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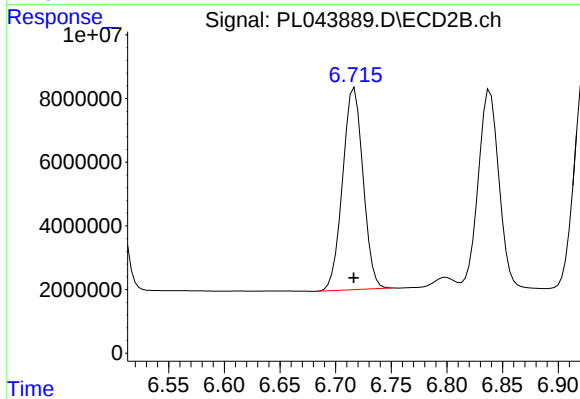
#13 Dieldrin

R.T.: 6.499 min  
Delta R.T.: 0.000 min  
Response: 108449959  
Conc: 50.84 ng/ml



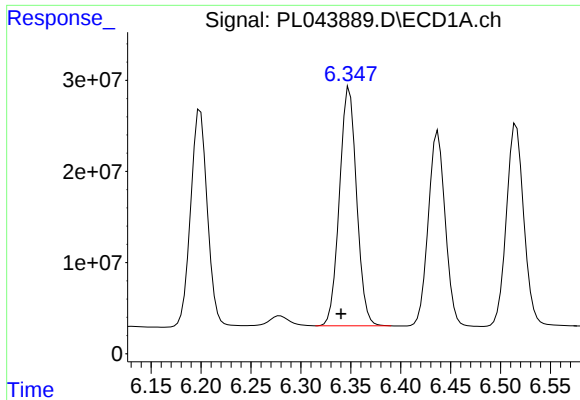
#14 Endrin

R.T.: 6.075 min  
Delta R.T.: 0.009 min  
Response: 286889900  
Conc: 52.89 ng/ml



#14 Endrin

R.T.: 6.717 min  
Delta R.T.: 0.000 min  
Response: 81263926  
Conc: 46.33 ng/ml



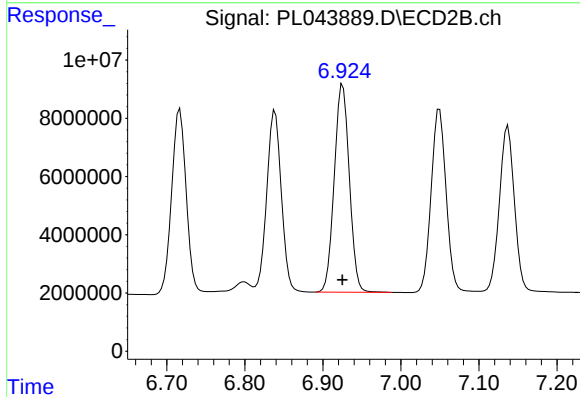
#15 Endosulfan II

R.T.: 6.347 min  
Delta R.T.: 0.007 min  
Response: 313125789  
Conc: 60.19 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PB116385BS

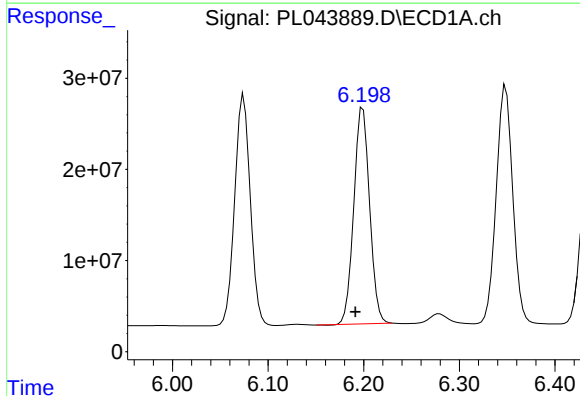
Manual Integrations  
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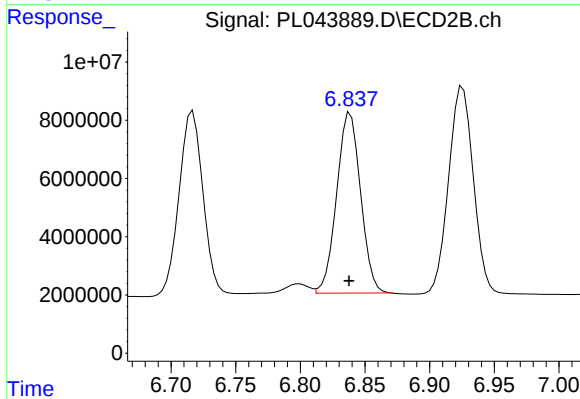
#15 Endosulfan II

R.T.: 6.925 min  
Delta R.T.: 0.000 min  
Response: 95756489  
Conc: 51.70 ng/ml



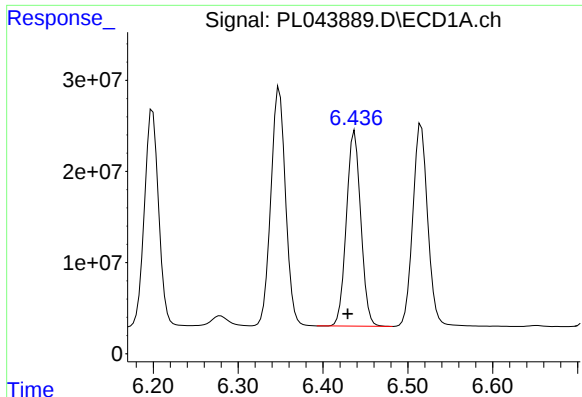
#16 4,4'-DDD

R.T.: 6.199 min  
Delta R.T.: 0.008 min  
Response: 273398220  
Conc: 63.20 ng/ml



#16 4,4'-DDD

R.T.: 6.839 min  
Delta R.T.: 0.000 min  
Response: 79734638  
Conc: 52.77 ng/ml



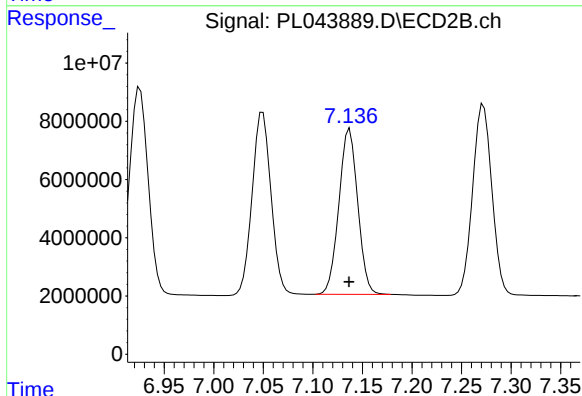
#17 4,4'-DDT

R.T.: 6.437 min  
Delta R.T.: 0.008 min  
Response: 251954287  
Conc: 55.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB116385BS

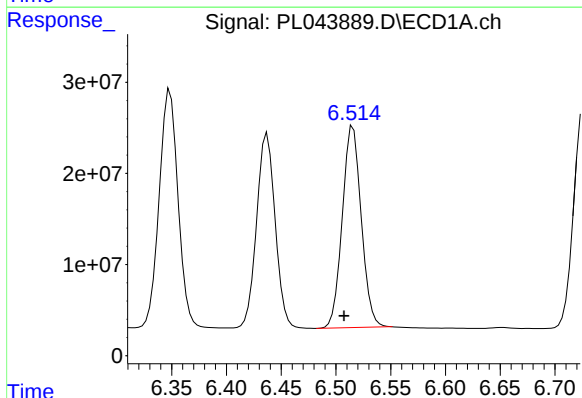
Manual Integrations  
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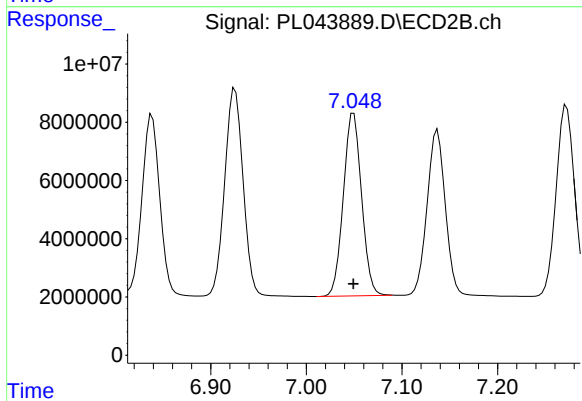
#17 4,4'-DDT

R.T.: 7.137 min  
Delta R.T.: 0.000 min  
Response: 75173784  
Conc: 45.58 ng/ml



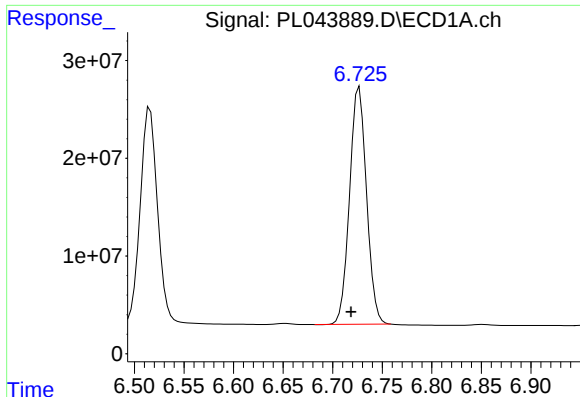
#18 Endrin aldehyde

R.T.: 6.516 min  
Delta R.T.: 0.008 min  
Response: 266257414  
Conc: 59.69 ng/ml



#18 Endrin aldehyde

R.T.: 7.049 min  
Delta R.T.: 0.000 min  
Response: 83309542  
Conc: 52.57 ng/ml



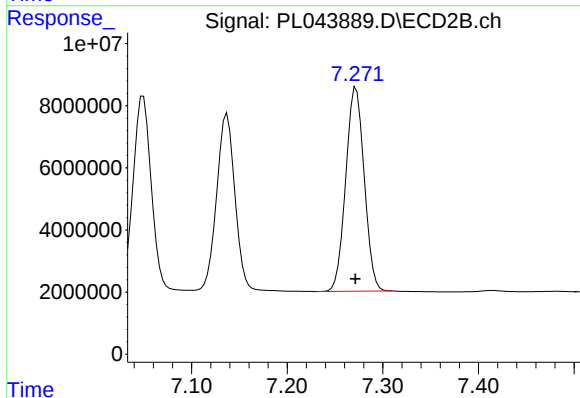
#19 Endosulfan Sulfate

R.T.: 6.727 min  
Delta R.T.: 0.008 min  
Response: 289742721  
Conc: 53.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB116385BS

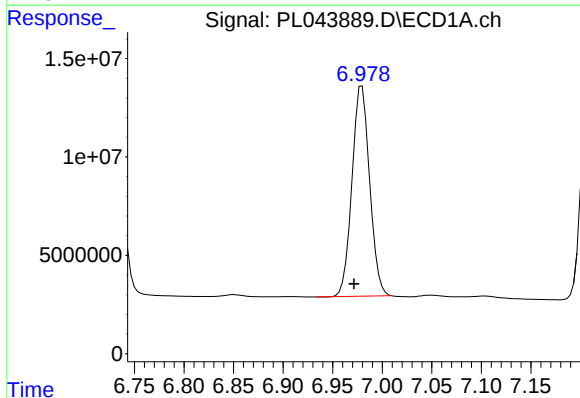
Manual Integrations  
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Sohil  
1/16/2019 9:07:15 AM



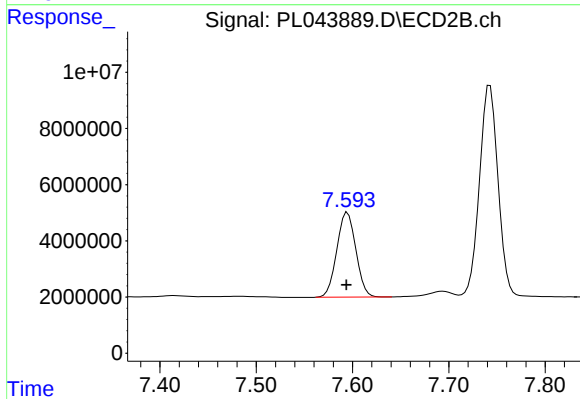
#19 Endosulfan Sulfate

R.T.: 7.272 min  
Delta R.T.: 0.000 min  
Response: 88504601  
Conc: 46.94 ng/ml



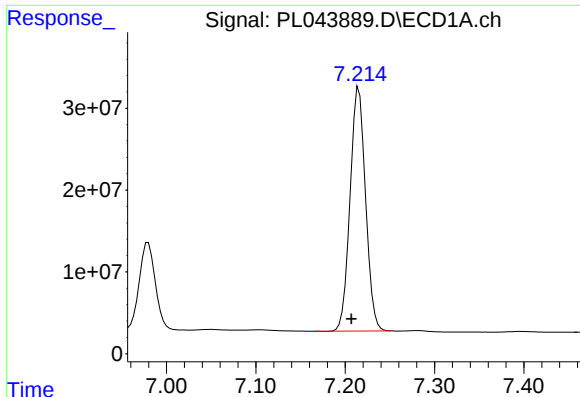
#20 Methoxychlor

R.T.: 6.980 min  
Delta R.T.: 0.008 min  
Response: 132415829  
Conc: 51.80 ng/ml



#20 Methoxychlor

R.T.: 7.595 min  
Delta R.T.: 0.001 min  
Response: 41427000  
Conc: 46.94 ng/ml



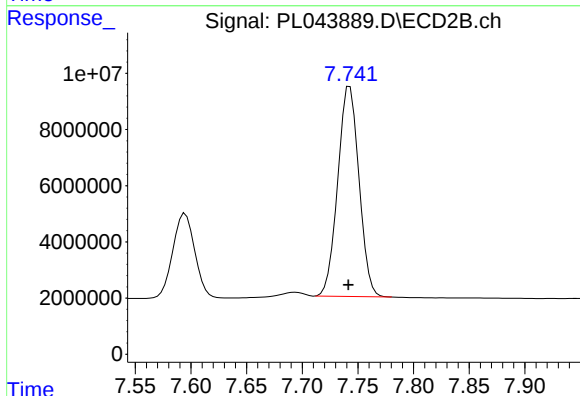
#21 Endrin ketone

R.T.: 7.215 min  
Delta R.T.: 0.008 min  
Response: 359367084  
Conc: 59.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB116385BS

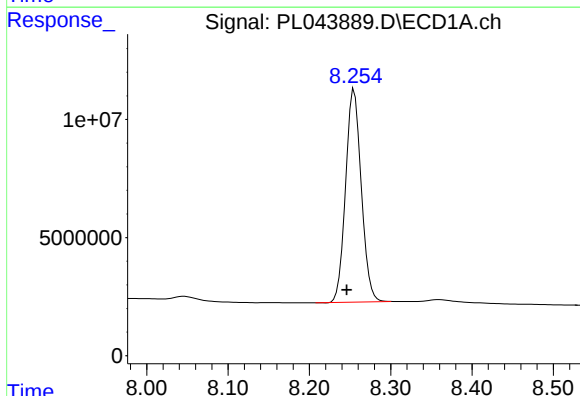
Manual Integrations  
APPROVED

Sohil  
1/16/2019 9:07:15 AM



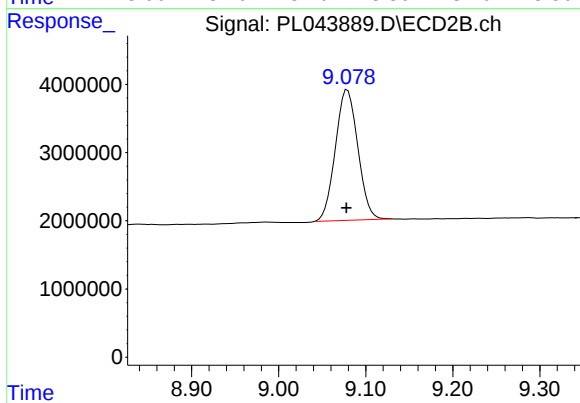
#21 Endrin ketone

R.T.: 7.743 min  
Delta R.T.: 0.001 min  
Response: 99395484  
Conc: 51.22 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.255 min  
Delta R.T.: 0.009 min  
Response: 120238372  
Conc: 21.28 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.079 min  
Delta R.T.: 0.001 min  
Response: 34408260  
Conc: 21.66 ng/ml