

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL120318\  
 Data File : PL042688.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Dec 2018 12:55  
 Operator : AJ\SJ  
 Sample : J6014-01MSD  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 TS-BUCKETSMSD

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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 03 23:57:37 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL112018.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Nov 20 02:29:59 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... | 3.467 | 4.102 | 111.1E6  | 61460113 | 18.878 | 21.369   |
| 2)                          | SA Decachlor... | 8.207 | 9.235 | 70051861 | 34230748 | 11.116 | 14.193 # |
| Target Compounds            |                 |       |       |          |          |        |          |
| 2)                          | A alpha-BHC     | 3.907 | 4.497 | 500.5E6  | 247.8E6  | 55.463 | 57.867   |
| 3)                          | MA gamma-BHC... | 4.190 | 4.787 | 449.4E6  | 231.6E6  | 54.527 | 58.612   |
| 4)                          | MA Heptachlor   | 4.486 | 5.302 | 425.4E6  | 199.4E6  | 48.892 | 50.836   |
| 5)                          | MB Aldrin       | 4.732 | 5.611 | 372.4E6  | 191.1E6  | 45.864 | 49.751   |
| 6)                          | B beta-BHC      | 4.444 | 4.956 | 182.6E6  | 88456789 | 51.546 | 56.066   |
| 7)                          | B delta-BHC     | 4.646 | 5.175 | 369.1E6  | 195.7E6  | 48.204 | 53.176m  |
| 8)                          | B Heptachlor... | 5.175 | 6.000 | 392.8E6  | 194.8E6  | 51.821 | 54.337   |
| 9)                          | A Endosulfan I  | 5.513 | 6.360 | 351.0E6  | 173.6E6  | 50.721 | 54.959   |
| 10)                         | B gamma-Chl...  | 5.401 | 6.234 | 378.7E6  | 178.7E6  | 49.666 | 52.485   |
| 11)                         | B alpha-Chl...  | 5.458 | 6.308 | 364.7E6  | 176.3E6  | 48.587 | 52.723   |
| 12)                         | B 4,4'-DDE      | 5.624 | 6.462 | 323.3E6  | 171.0E6  | 49.393 | 51.372   |
| 13)                         | MA Dieldrin     | 5.756 | 6.618 | 379.8E6  | 189.7E6  | 51.632 | 56.995   |
| 14)                         | MA Endrin       | 6.013 | 6.837 | 346.4E6  | 159.2E6  | 52.968 | 57.780   |
| 15)                         | B Endosulfa...  | 6.287 | 7.046 | 319.2E6  | 155.2E6  | 51.073 | 56.194   |
| 16)                         | A 4,4'-DDD      | 6.141 | 6.954 | 268.1E6  | 150.0E6  | 50.644 | 56.989   |
| 17)                         | MA 4,4'-DDT     | 6.379 | 7.255 | 267.0E6  | 136.6E6  | 47.957 | 51.747   |
| 18)                         | B Endrin al...  | 6.455 | 7.170 | 246.0E6  | 123.1E6  | 47.323 | 53.695   |
| 19)                         | B Endosulfa...  | 6.668 | 7.393 | 310.5E6  | 149.9E6  | 49.762 | 53.908   |
| 20)                         | A Methoxychlor  | 6.925 | 7.711 | 151.7E6  | 71607287 | 48.111 | 52.520   |
| 21)                         | B Endrin ke...  | 7.157 | 7.868 | 351.6E6  | 155.1E6  | 50.783 | 56.102   |
| -----                       |                 |       |       |          |          |        |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL120318\  
Data File : PL042688.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Dec 2018 12:55  
Operator : AJ\SJ  
Sample : J6014-01MSD  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

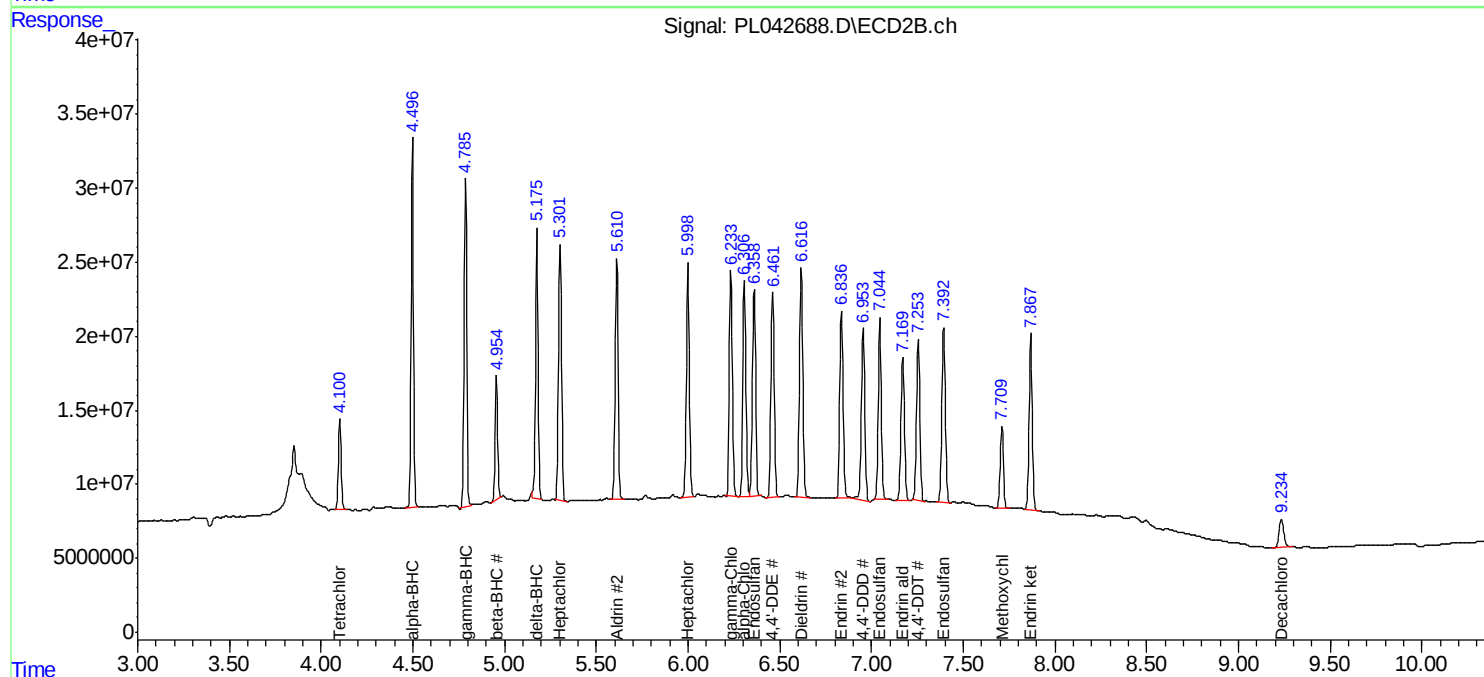
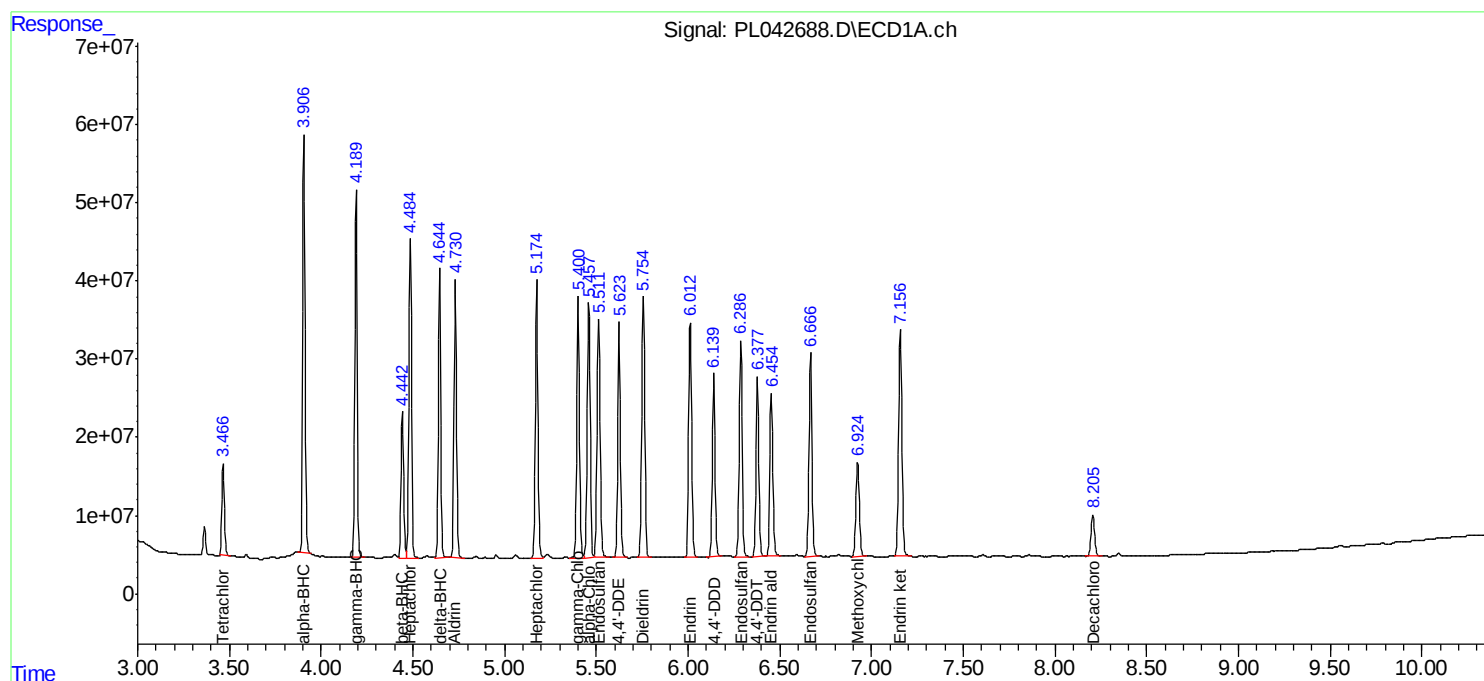
Instrument :  
ECD\_L  
ClientSampleId :  
TS-BUCKETSMSD

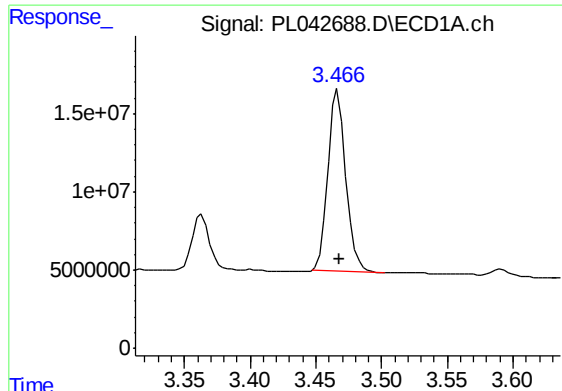
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 03 23:57:37 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL112018.M  
Quant Title : GC Extractables  
QLast Update : Tue Nov 20 02:29:59 2018  
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





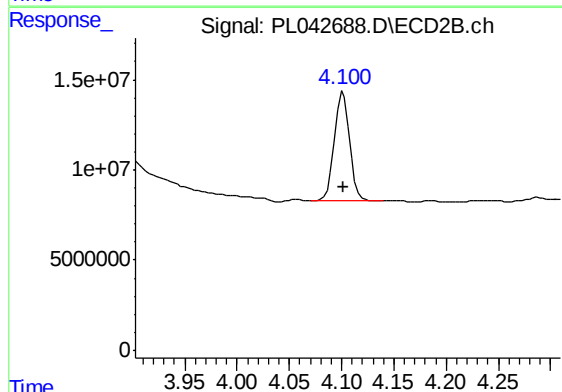
#1 Tetrachloro-m-xylene

R.T.: 3.467 min  
Delta R.T.: -0.001 min  
Response: 111069354  
Conc: 18.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TS-BUCKETSMSD

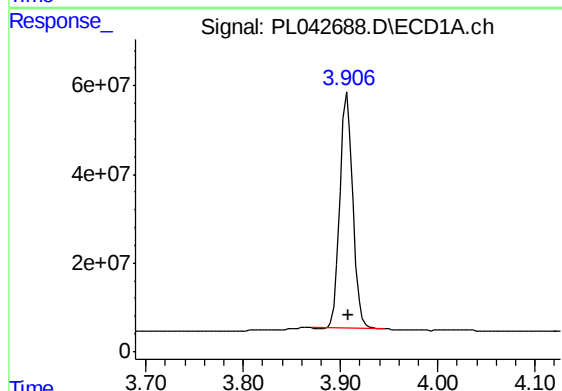
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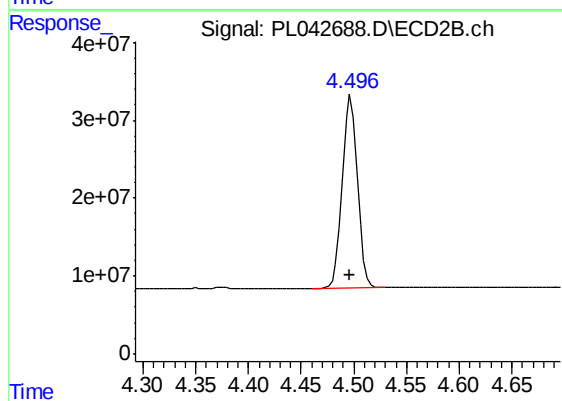
#1 Tetrachloro-m-xylene

R.T.: 4.102 min  
Delta R.T.: 0.000 min  
Response: 61460113  
Conc: 21.37 ng/ml



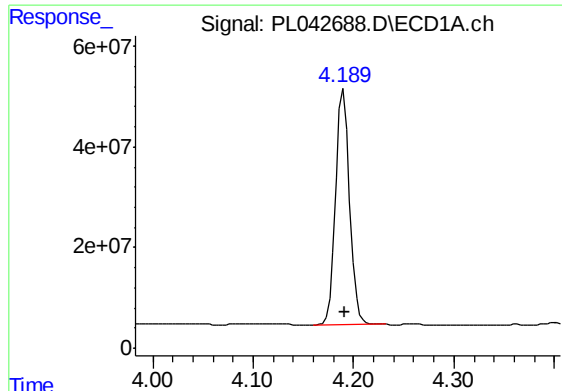
#2 alpha-BHC

R.T.: 3.907 min  
Delta R.T.: 0.000 min  
Response: 500459982  
Conc: 55.46 ng/ml



#2 alpha-BHC

R.T.: 4.497 min  
Delta R.T.: 0.000 min  
Response: 247815731  
Conc: 57.87 ng/ml



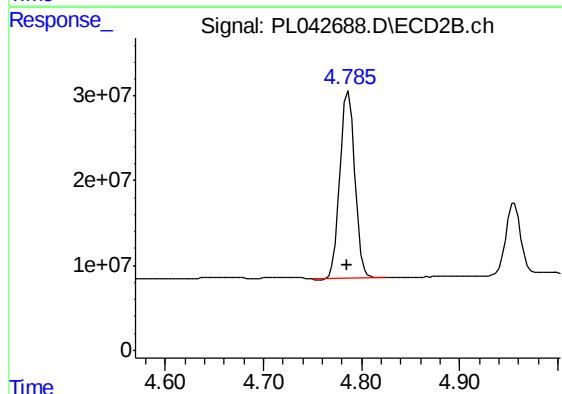
#3 gamma-BHC (Lindane)

R.T.: 4.190 min  
Delta R.T.: 0.000 min  
Response: 449411247  
Conc: 54.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TS-BUCKETSMSD

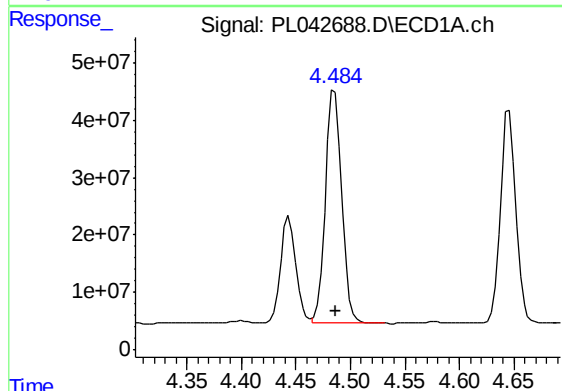
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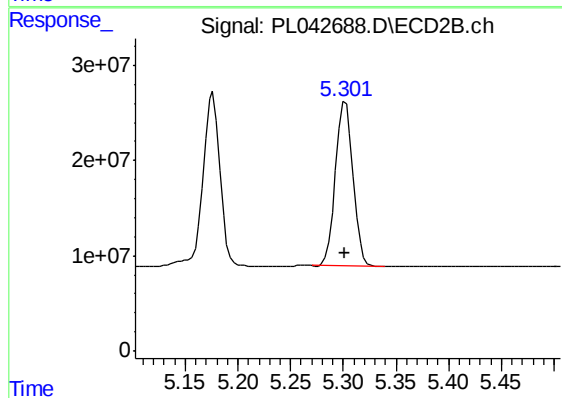
#3 gamma-BHC (Lindane)

R.T.: 4.787 min  
Delta R.T.: 0.001 min  
Response: 231610471  
Conc: 58.61 ng/ml



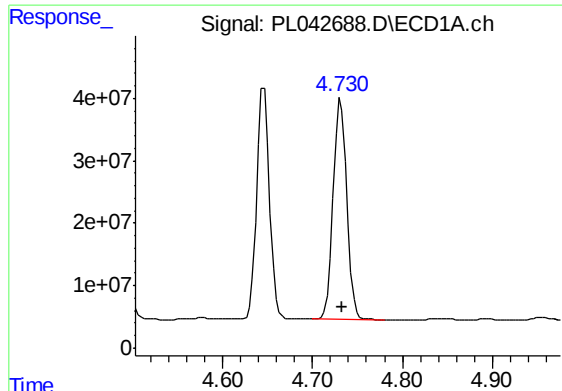
#4 Heptachlor

R.T.: 4.486 min  
Delta R.T.: -0.001 min  
Response: 425429109  
Conc: 48.89 ng/ml



#4 Heptachlor

R.T.: 5.302 min  
Delta R.T.: 0.001 min  
Response: 199421775  
Conc: 50.84 ng/ml



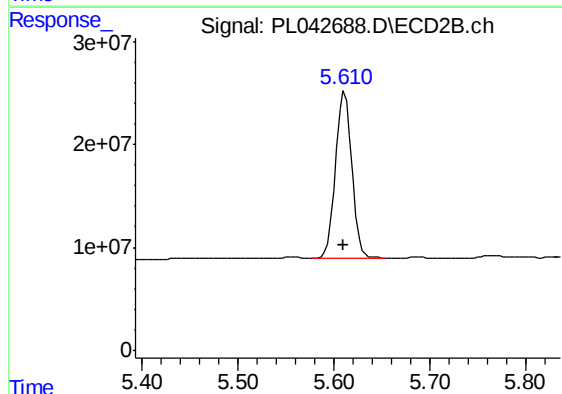
#5 Aldrin

R.T.: 4.732 min  
Delta R.T.: -0.001 min  
Response: 372371323  
Conc: 45.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TS-BUCKETSMSD

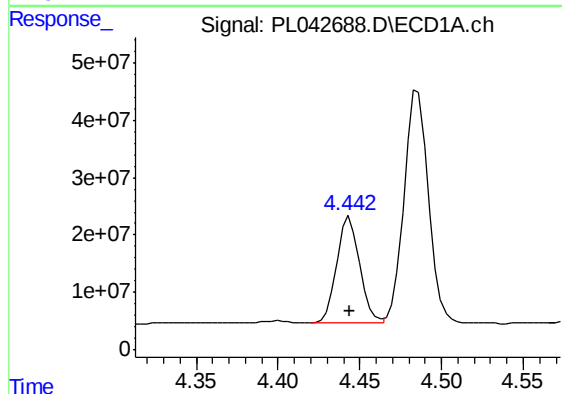
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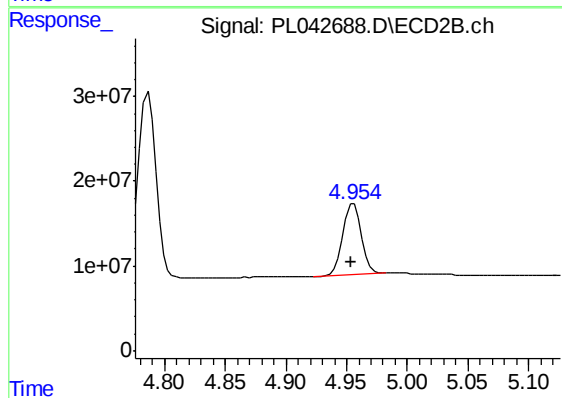
#5 Aldrin

R.T.: 5.611 min  
Delta R.T.: 0.001 min  
Response: 191062866  
Conc: 49.75 ng/ml



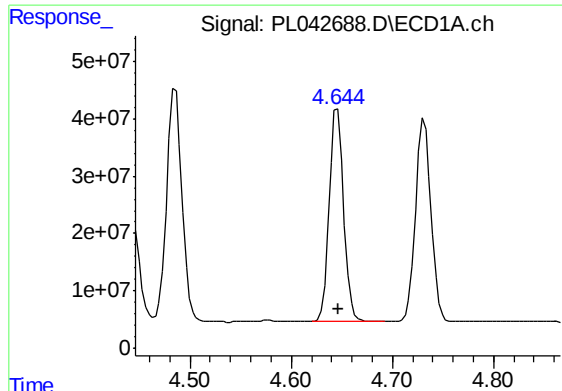
#6 beta-BHC

R.T.: 4.444 min  
Delta R.T.: 0.000 min  
Response: 182614024  
Conc: 51.55 ng/ml



#6 beta-BHC

R.T.: 4.956 min  
Delta R.T.: 0.002 min  
Response: 88456789  
Conc: 56.07 ng/ml



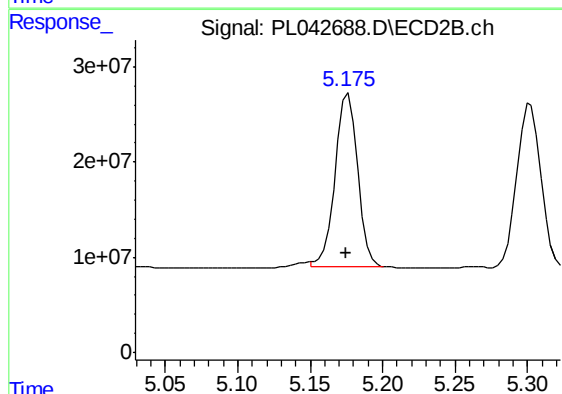
#7 delta-BHC

R.T.: 4.646 min  
Delta R.T.: 0.000 min  
Response: 369145944  
Conc: 48.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TS-BUCKETSMSD

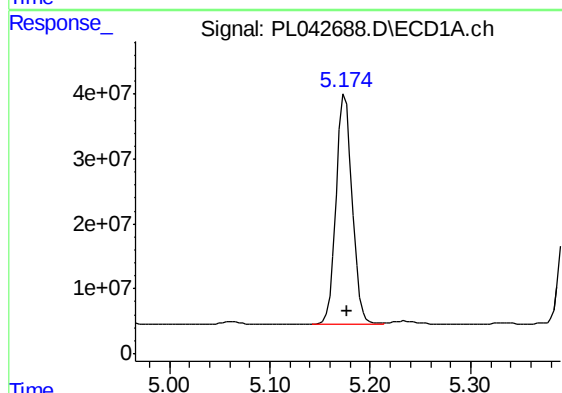
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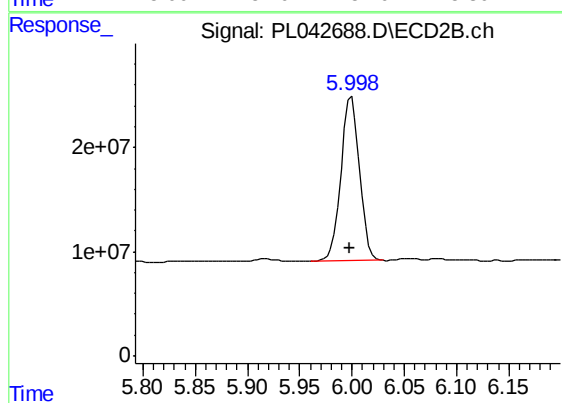
#7 delta-BHC

R.T.: 5.175 min  
Delta R.T.: 0.000 min  
Response: 195695135  
Conc: 53.18 ng/ml m



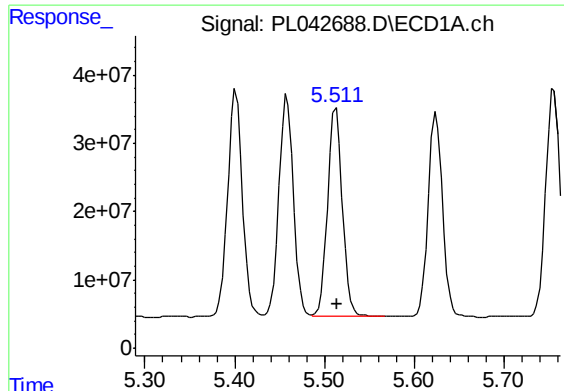
#8 Heptachlor epoxide

R.T.: 5.175 min  
Delta R.T.: -0.002 min  
Response: 392777138  
Conc: 51.82 ng/ml



#8 Heptachlor epoxide

R.T.: 6.000 min  
Delta R.T.: 0.001 min  
Response: 194829074  
Conc: 54.34 ng/ml



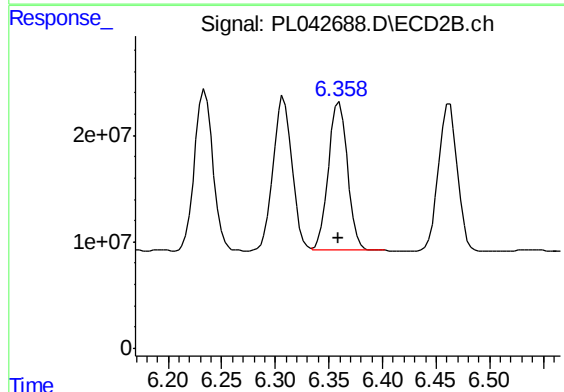
#9 Endosulfan I

R.T.: 5.513 min  
Delta R.T.: -0.001 min  
Response: 351002092  
Conc: 50.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TS-BUCKETSMSD

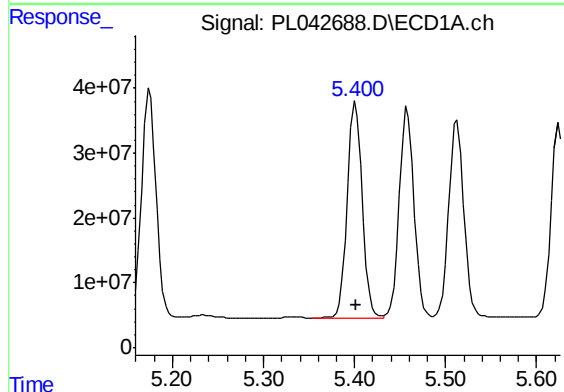
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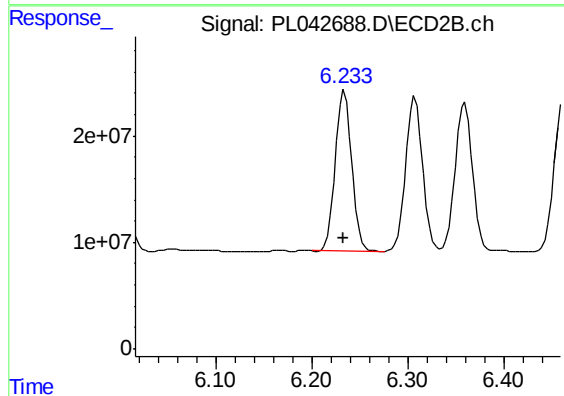
#9 Endosulfan I

R.T.: 6.360 min  
Delta R.T.: 0.001 min  
Response: 173561114  
Conc: 54.96 ng/ml



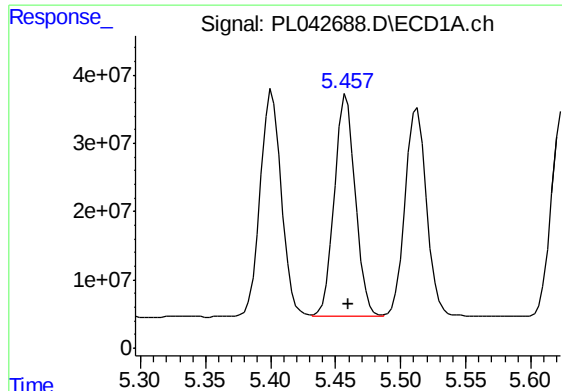
#10 gamma-Chlordane

R.T.: 5.401 min  
Delta R.T.: 0.000 min  
Response: 378684914  
Conc: 49.67 ng/ml



#10 gamma-Chlordane

R.T.: 6.234 min  
Delta R.T.: 0.001 min  
Response: 178678072  
Conc: 52.49 ng/ml



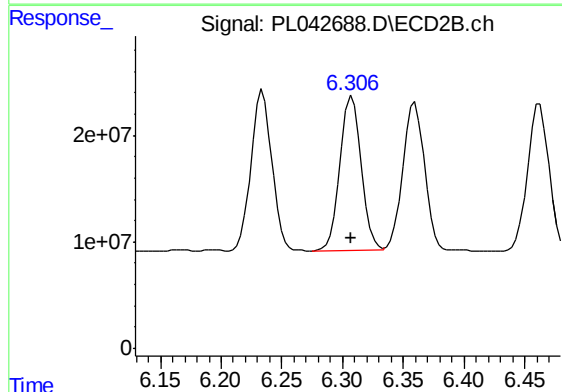
#11 alpha-Chlordane

R.T.: 5.458 min  
Delta R.T.: -0.001 min  
Response: 364733579  
Conc: 48.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TS-BUCKETSMSD

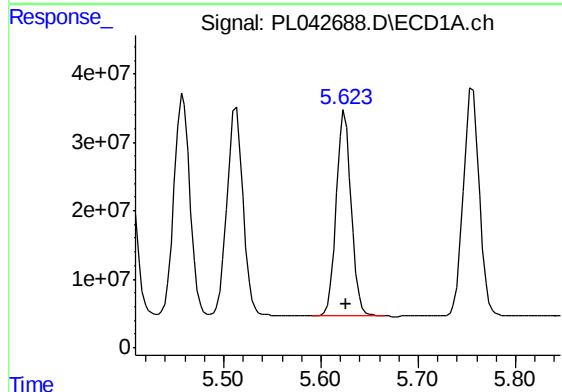
Manual Integrations  
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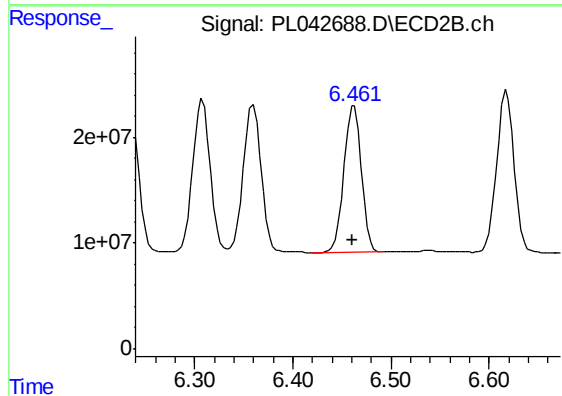
#11 alpha-Chlordane

R.T.: 6.308 min  
Delta R.T.: 0.001 min  
Response: 176295438  
Conc: 52.72 ng/ml



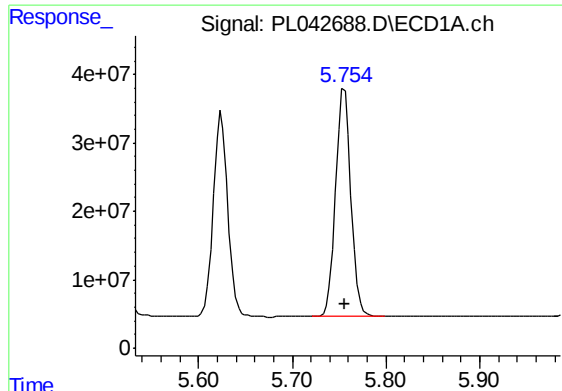
#12 4,4'-DDE

R.T.: 5.624 min  
Delta R.T.: -0.001 min  
Response: 323282559  
Conc: 49.39 ng/ml



#12 4,4'-DDE

R.T.: 6.462 min  
Delta R.T.: 0.002 min  
Response: 170972806  
Conc: 51.37 ng/ml



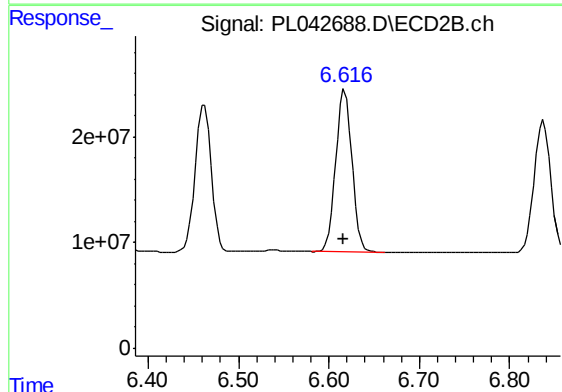
#13 Dieldrin

R.T.: 5.756 min  
Delta R.T.: 0.000 min  
Response: 379846311  
Conc: 51.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TS-BUCKETSMSD

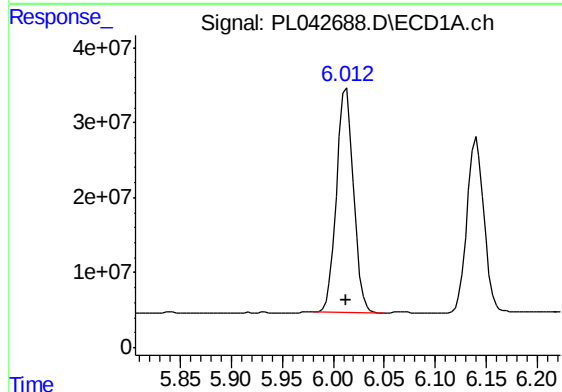
Manual Integrations  
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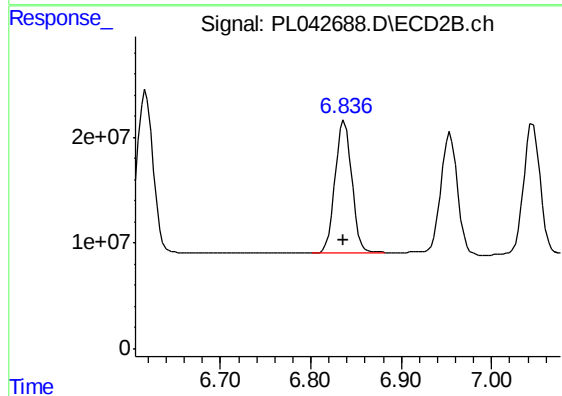
#13 Dieldrin

R.T.: 6.618 min  
Delta R.T.: 0.001 min  
Response: 189710628  
Conc: 57.00 ng/ml



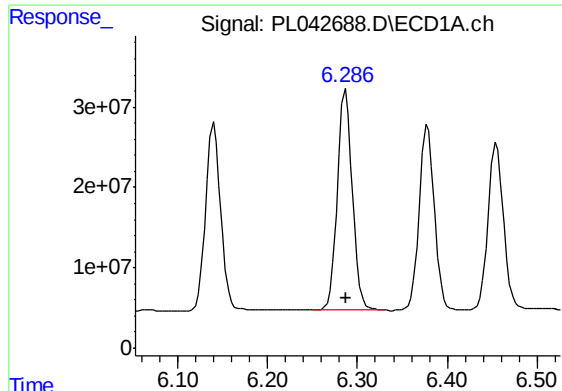
#14 Endrin

R.T.: 6.013 min  
Delta R.T.: 0.000 min  
Response: 346425200  
Conc: 52.97 ng/ml



#14 Endrin

R.T.: 6.837 min  
Delta R.T.: 0.001 min  
Response: 159157275  
Conc: 57.78 ng/ml



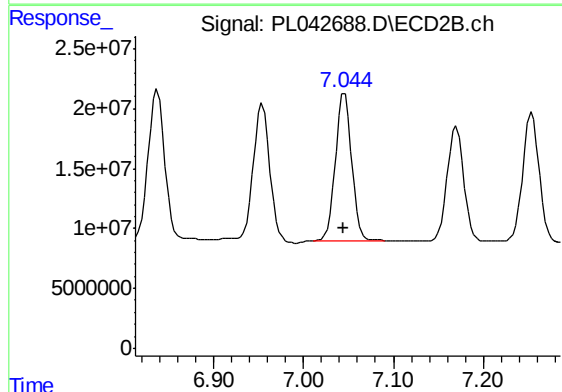
#15 Endosulfan II

R.T.: 6.287 min  
Delta R.T.: 0.000 min  
Response: 319233408  
Conc: 51.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TS-BUCKETSMSD

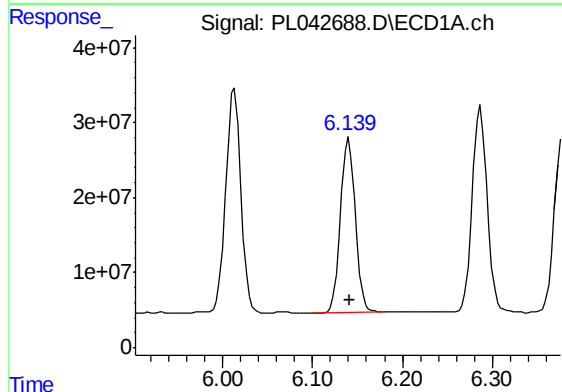
Manual Integrations  
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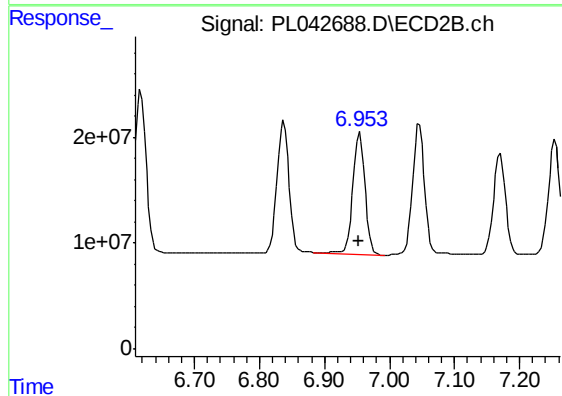
#15 Endosulfan II

R.T.: 7.046 min  
Delta R.T.: 0.001 min  
Response: 155192451  
Conc: 56.19 ng/ml



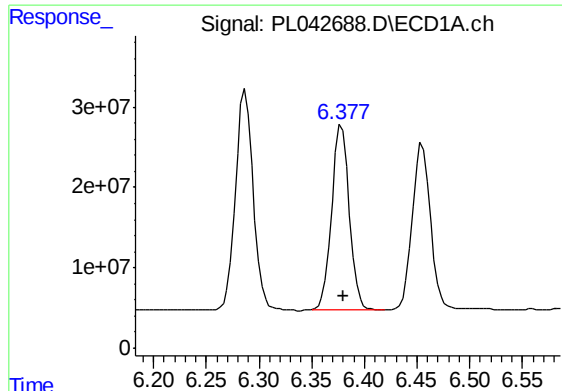
#16 4,4'-DDD

R.T.: 6.141 min  
Delta R.T.: -0.001 min  
Response: 268149972  
Conc: 50.64 ng/ml



#16 4,4'-DDD

R.T.: 6.954 min  
Delta R.T.: 0.001 min  
Response: 150002558  
Conc: 56.99 ng/ml



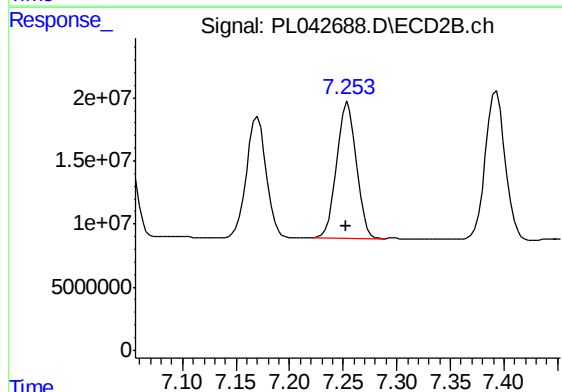
#17 4,4'-DDT

R.T.: 6.379 min  
Delta R.T.: -0.001 min  
Response: 266972251  
Conc: 47.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TS-BUCKETSMSD

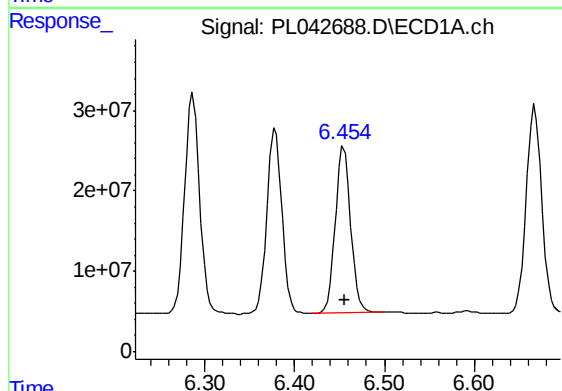
Manual Integrations  
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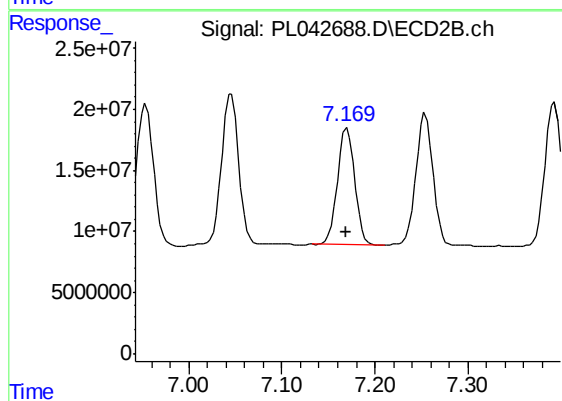
#17 4,4'-DDT

R.T.: 7.255 min  
Delta R.T.: 0.002 min  
Response: 136642718  
Conc: 51.75 ng/ml



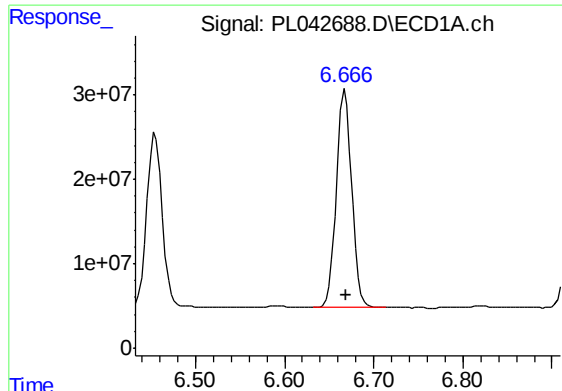
#18 Endrin aldehyde

R.T.: 6.455 min  
Delta R.T.: -0.001 min  
Response: 246016292  
Conc: 47.32 ng/ml



#18 Endrin aldehyde

R.T.: 7.170 min  
Delta R.T.: 0.002 min  
Response: 123102344  
Conc: 53.70 ng/ml



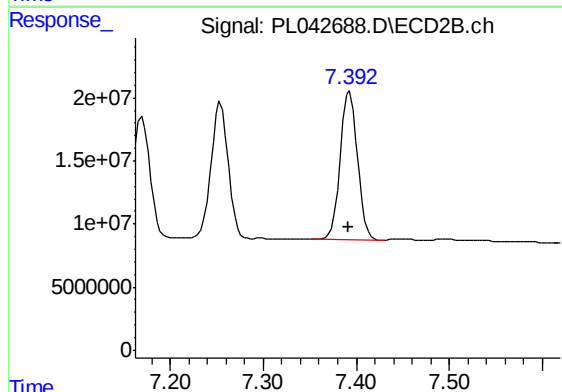
#19 Endosulfan Sulfate

R.T.: 6.668 min  
Delta R.T.: -0.001 min  
Response: 310481437  
Conc: 49.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TS-BUCKETSMSD

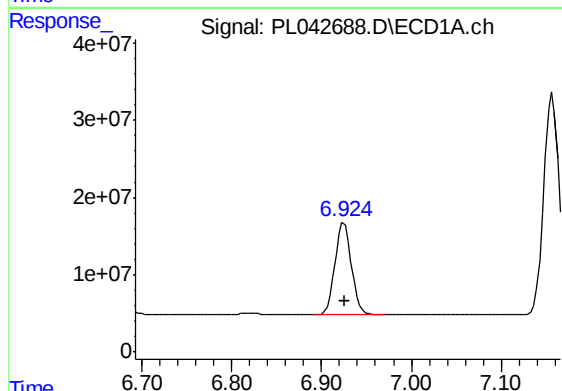
Manual Integrations  
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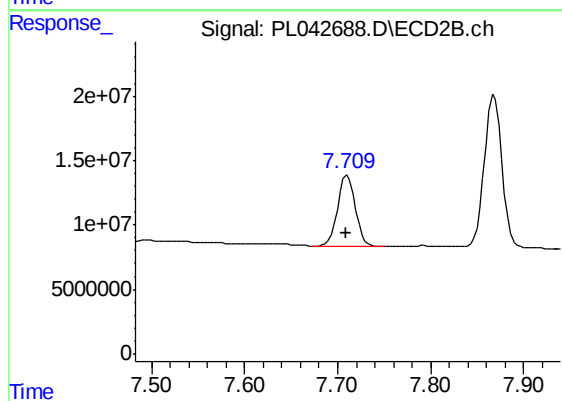
#19 Endosulfan Sulfate

R.T.: 7.393 min  
Delta R.T.: 0.000 min  
Response: 149920027  
Conc: 53.91 ng/ml



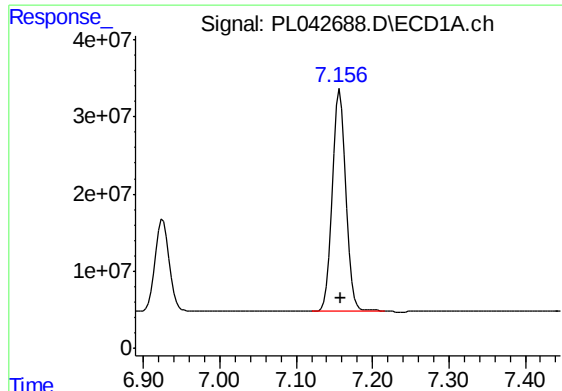
#20 Methoxychlor

R.T.: 6.925 min  
Delta R.T.: 0.000 min  
Response: 151733738  
Conc: 48.11 ng/ml



#20 Methoxychlor

R.T.: 7.711 min  
Delta R.T.: 0.001 min  
Response: 71607287  
Conc: 52.52 ng/ml



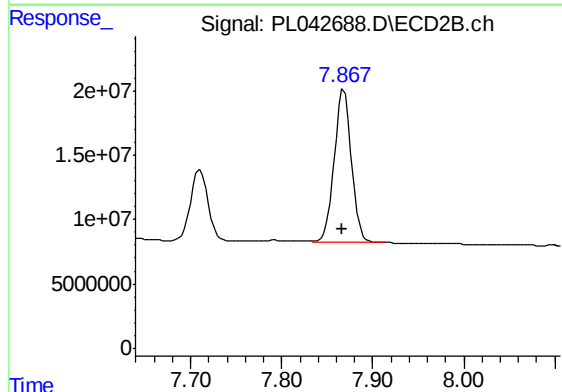
#21 Endrin ketone

R.T.: 7.157 min  
Delta R.T.: -0.001 min  
Response: 351642516  
Conc: 50.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TS-BUCKETSMSD

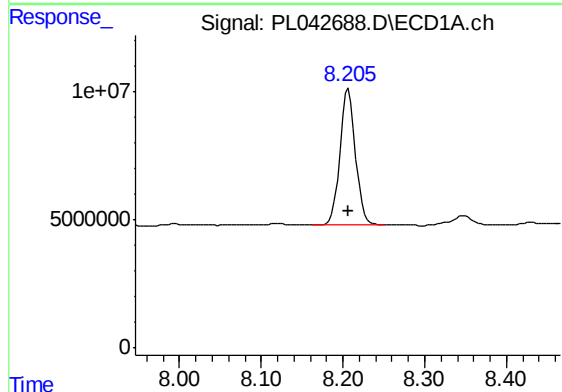
Manual Integrations  
APPROVED

mohammad  
12/4/2018 3:12:39 PM



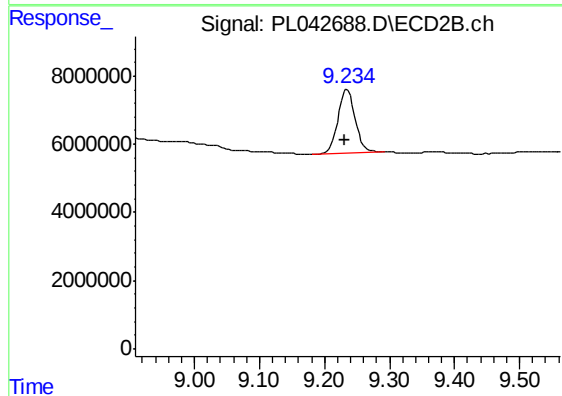
#21 Endrin ketone

R.T.: 7.868 min  
Delta R.T.: 0.002 min  
Response: 155064968  
Conc: 56.10 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.207 min  
Delta R.T.: 0.000 min  
Response: 70051861  
Conc: 11.12 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.235 min  
Delta R.T.: 0.003 min  
Response: 34230748  
Conc: 14.19 ng/ml