

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL122118\  
 Data File : PL043366.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Dec 2018 18:00  
 Operator : AJ\SJ  
 Sample : PB115908BS  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB115908BS

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 21 22:41:56 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL120618.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Dec 07 00:20:08 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... | 3.465 | 4.102 | 115.9E6 | 64099478 | 18.901  | 21.627  |
| 28)                         | SA Decachlor... | 8.205 | 9.238 | 111.3E6 | 49333401 | 17.046  | 18.913  |
| Target Compounds            |                 |       |       |         |          |         |         |
| 2)                          | A alpha-BHC     | 3.905 | 4.498 | 465.1E6 | 232.4E6  | 49.197  | 51.385  |
| 3)                          | MA gamma-BHC... | 4.188 | 4.787 | 426.2E6 | 217.6E6  | 49.363  | 51.883  |
| 4)                          | MA Heptachlor   | 4.483 | 5.303 | 429.2E6 | 207.0E6  | 48.376  | 50.525  |
| 5)                          | MB Aldrin       | 4.729 | 5.612 | 419.6E6 | 216.3E6  | 49.493  | 52.983  |
| 6)                          | B beta-BHC      | 4.442 | 4.957 | 177.3E6 | 91888431 | 48.062  | 54.278  |
| 7)                          | B delta-BHC     | 4.644 | 5.178 | 355.3E6 | 186.7E6  | 43.870  | 43.454  |
| 8)                          | B Heptachlor... | 5.173 | 6.001 | 386.2E6 | 197.5E6  | 48.724  | 52.093  |
| 9)                          | A Endosulfan I  | 5.510 | 6.361 | 354.5E6 | 177.0E6  | 48.394  | 52.138  |
| 10)                         | B gamma-Chl...  | 5.399 | 6.236 | 388.9E6 | 193.7E6  | 48.240  | 52.726  |
| 11)                         | B alpha-Chl...  | 5.456 | 6.309 | 378.8E6 | 189.0E6  | 47.711  | 52.561  |
| 12)                         | B 4,4'-DDE      | 5.622 | 6.463 | 348.7E6 | 191.2E6  | 50.372  | 52.774  |
| 13)                         | MA Dieldrin     | 5.753 | 6.619 | 378.2E6 | 191.4E6  | 48.640  | 52.790  |
| 14)                         | MA Endrin       | 6.010 | 6.839 | 308.6E6 | 144.8E6  | 42.864  | 46.387  |
| 15)                         | B Endosulfa...  | 6.285 | 7.048 | 308.4E6 | 159.5E6  | 46.354  | 52.688  |
| 16)                         | A 4,4'-DDD      | 6.139 | 6.956 | 288.2E6 | 154.3E6  | 50.811  | 52.621  |
| 17)                         | MA 4,4'-DDT     | 6.376 | 7.257 | 244.5E6 | 131.9E6  | 41.094  | 44.908  |
| 18)                         | B Endrin al...  | 6.453 | 7.172 | 259.2E6 | 132.6E6  | 47.038  | 52.864  |
| 19)                         | B Endosulfa...  | 6.666 | 7.396 | 307.2E6 | 148.0E6  | 45.862  | 49.232  |
| 20)                         | A Methoxychlor  | 6.923 | 7.713 | 138.3E6 | 63895565 | 41.232  | 42.362  |
| 21)                         | B Endrin ke...  | 7.154 | 7.869 | 345.9E6 | 161.5E6  | 47.840m | 52.825m |
| -----                       |                 |       |       |         |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL122118\  
Data File : PL043366.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Dec 2018 18:00  
Operator : AJ\SJ  
Sample : PB115908BS  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

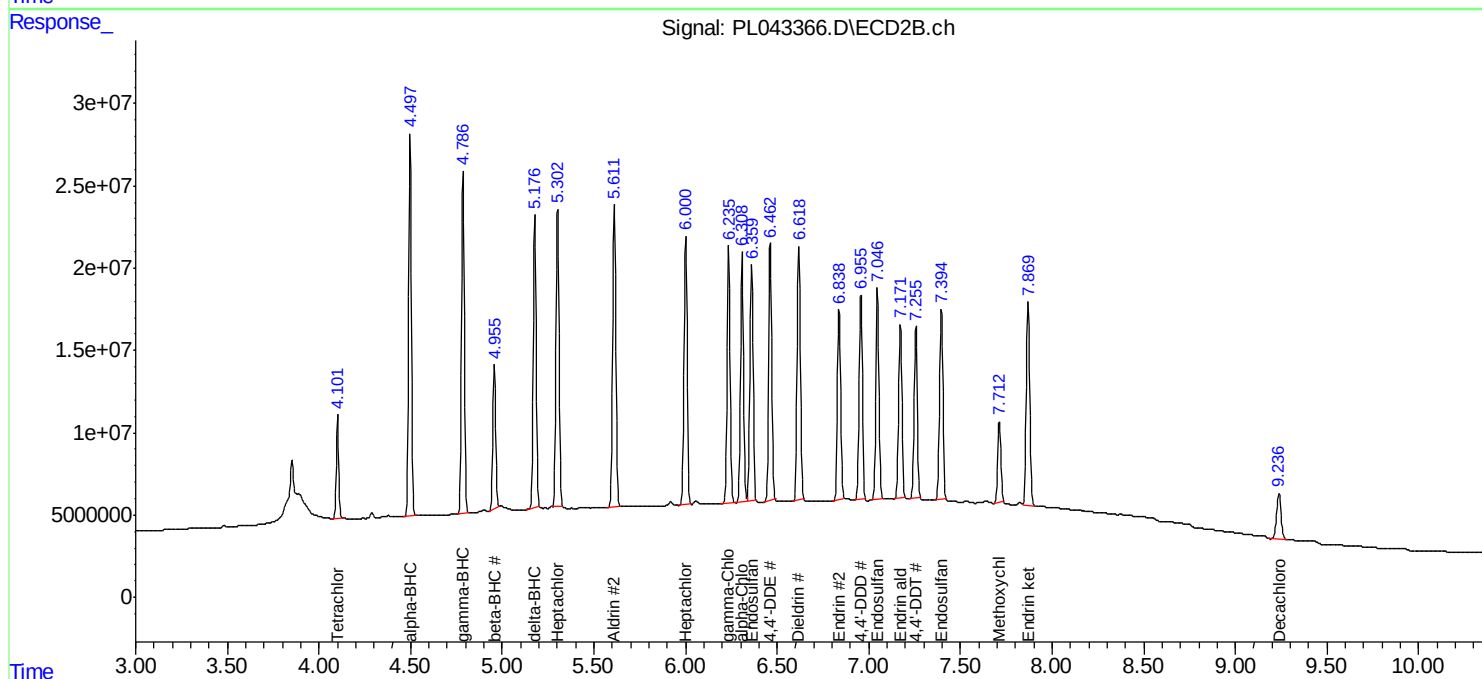
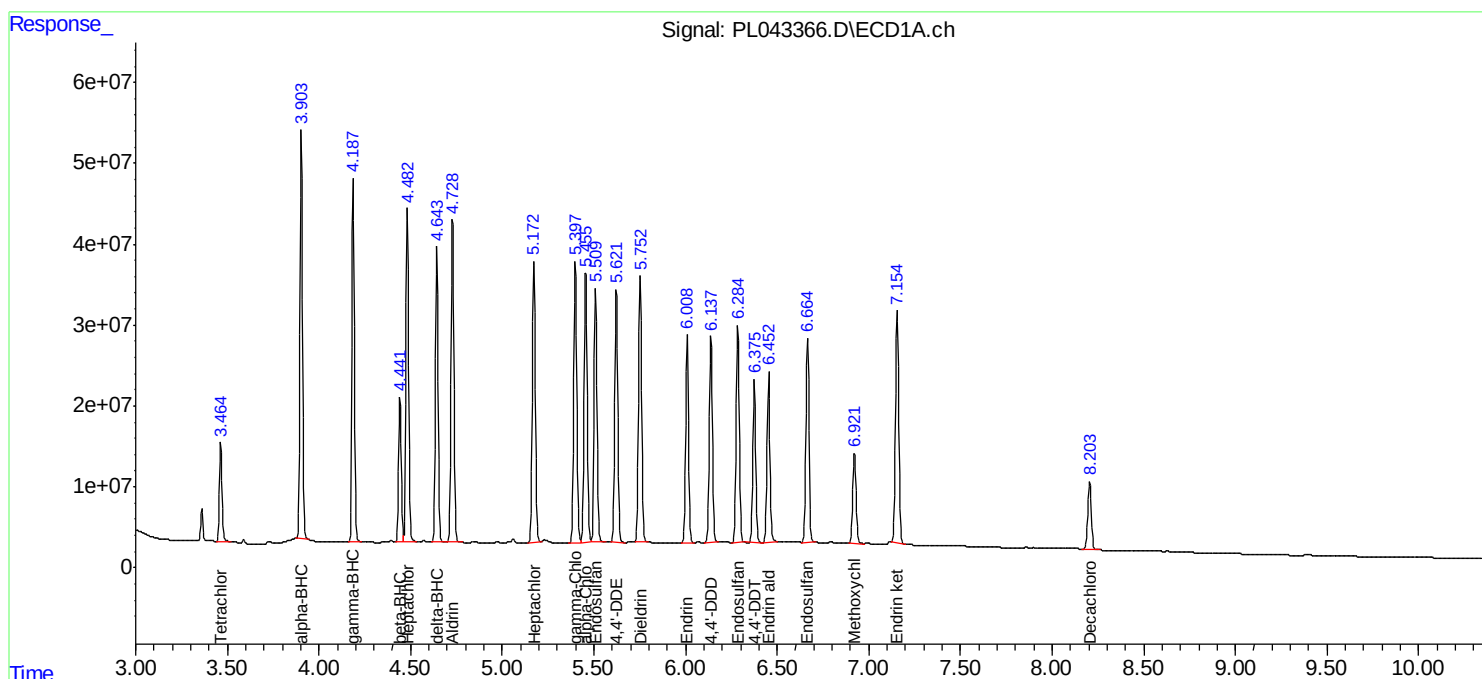
Instrument :  
ECD\_L  
ClientSampleId :  
PB115908BS

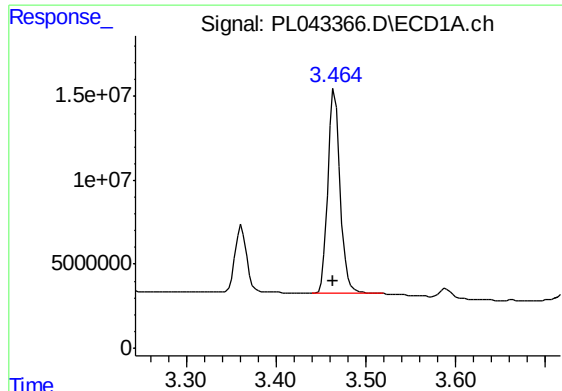
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 21 22:41:56 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL120618.M  
Quant Title : GC Extractables  
QLast Update : Fri Dec 07 00:20:08 2018  
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





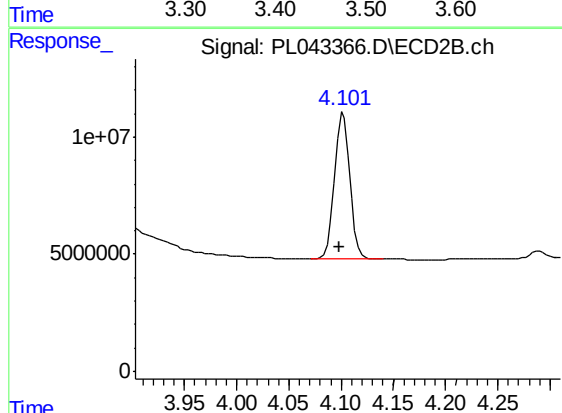
#1 Tetrachloro-m-xylene

R.T.: 3.465 min  
Delta R.T.: 0.001 min  
Response: 115917654  
Conc: 18.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB115908BS

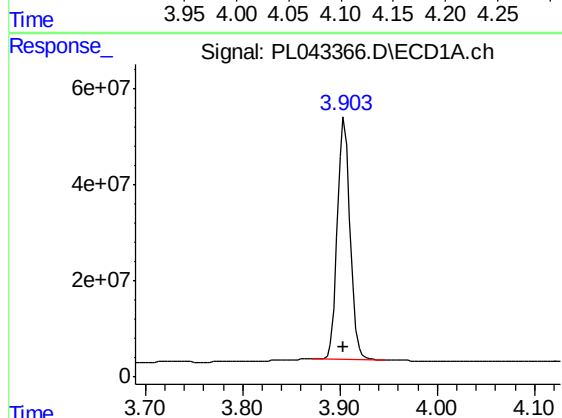
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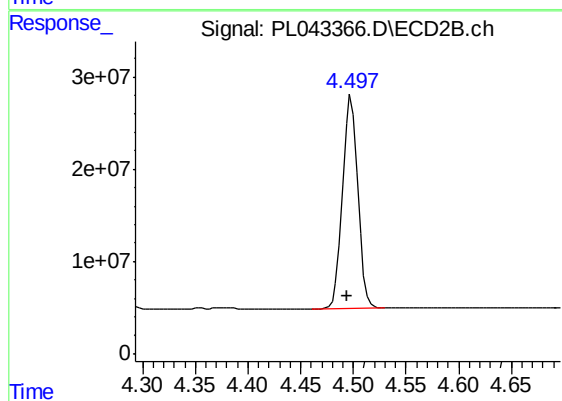
#1 Tetrachloro-m-xylene

R.T.: 4.102 min  
Delta R.T.: 0.003 min  
Response: 64099478  
Conc: 21.63 ng/ml



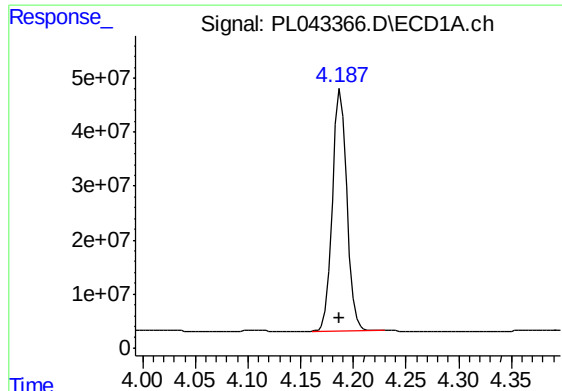
#2 alpha-BHC

R.T.: 3.905 min  
Delta R.T.: 0.000 min  
Response: 465072860  
Conc: 49.20 ng/ml



#2 alpha-BHC

R.T.: 4.498 min  
Delta R.T.: 0.004 min  
Response: 232436849  
Conc: 51.38 ng/ml



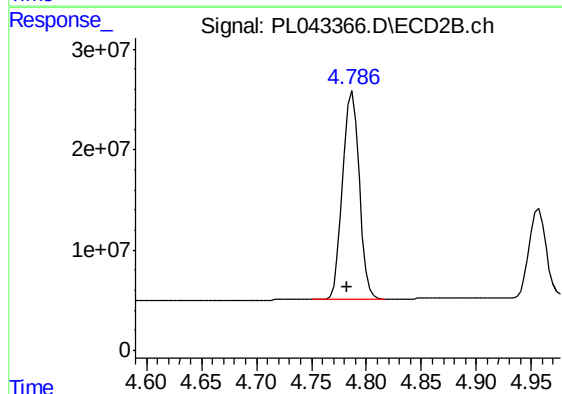
#3 gamma-BHC (Lindane)

R.T.: 4.188 min  
Delta R.T.: 0.001 min  
Response: 426225091  
Conc: 49.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB115908BS

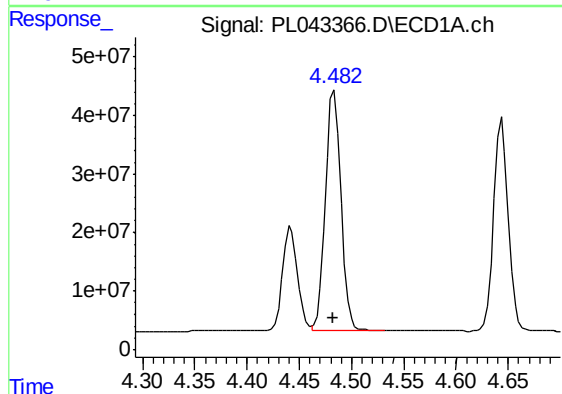
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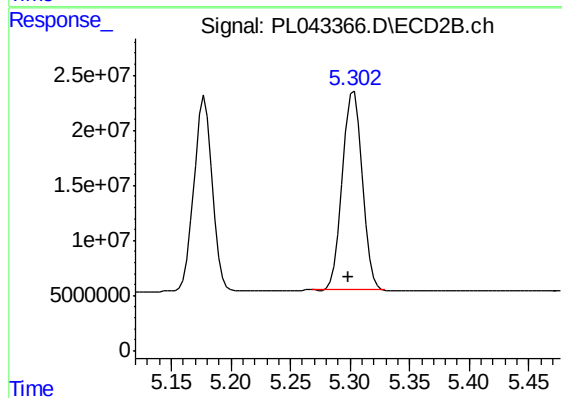
#3 gamma-BHC (Lindane)

R.T.: 4.787 min  
Delta R.T.: 0.004 min  
Response: 217607113  
Conc: 51.88 ng/ml



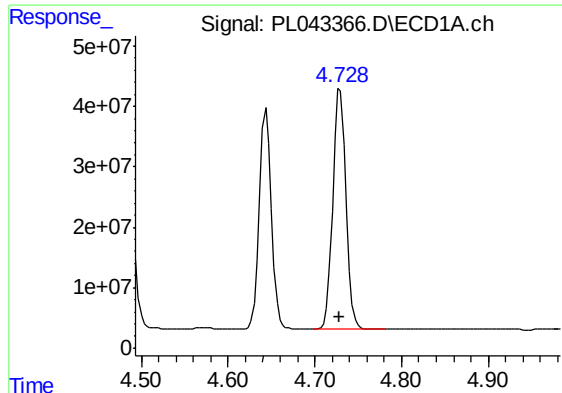
#4 Heptachlor

R.T.: 4.483 min  
Delta R.T.: 0.001 min  
Response: 429220098  
Conc: 48.38 ng/ml



#4 Heptachlor

R.T.: 5.303 min  
Delta R.T.: 0.005 min  
Response: 206966564  
Conc: 50.52 ng/ml



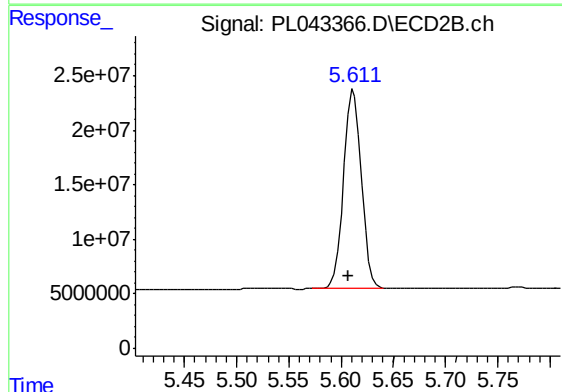
#5 Aldrin

R.T.: 4.729 min  
Delta R.T.: 0.001 min  
Response: 419632324  
Conc: 49.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB115908BS

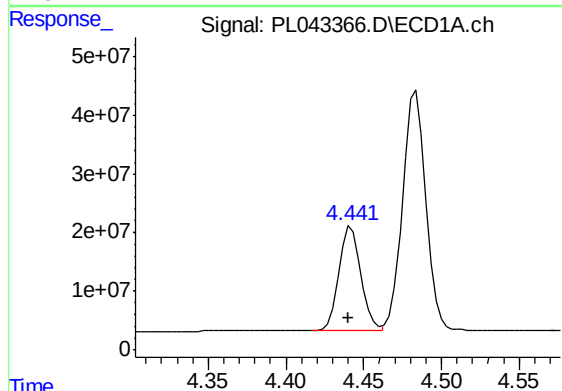
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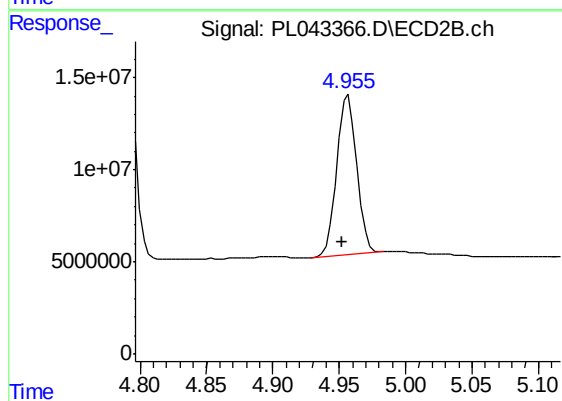
#5 Aldrin

R.T.: 5.612 min  
Delta R.T.: 0.005 min  
Response: 216276386  
Conc: 52.98 ng/ml



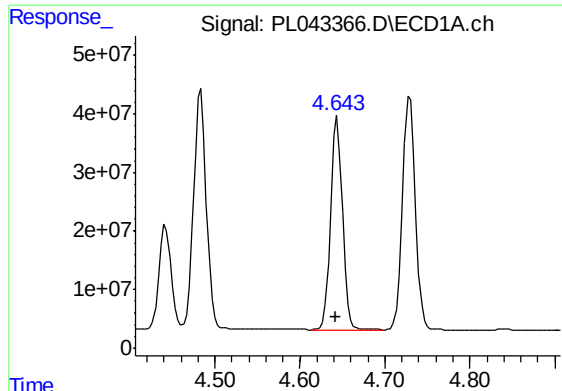
#6 beta-BHC

R.T.: 4.442 min  
Delta R.T.: 0.002 min  
Response: 177277345  
Conc: 48.06 ng/ml



#6 beta-BHC

R.T.: 4.957 min  
Delta R.T.: 0.005 min  
Response: 91888431  
Conc: 54.28 ng/ml



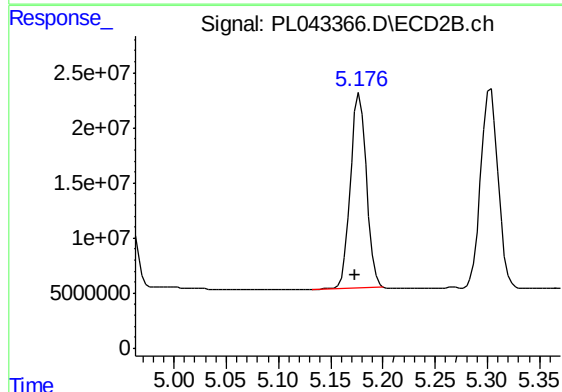
#7 delta-BHC

R.T.: 4.644 min  
Delta R.T.: 0.002 min  
Response: 355274462  
Conc: 43.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB115908BS

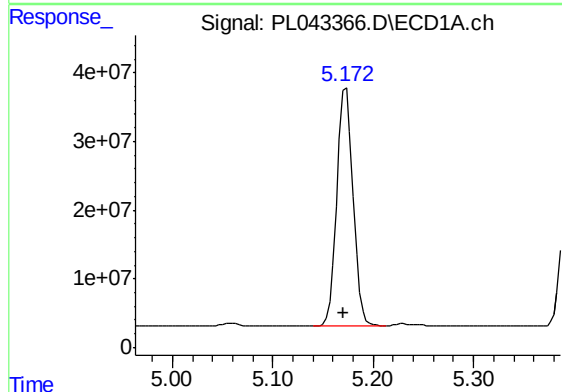
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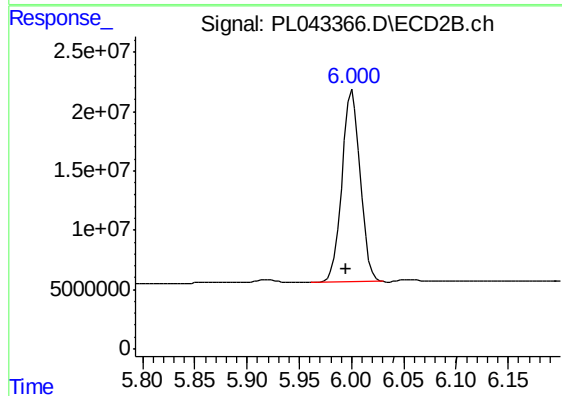
#7 delta-BHC

R.T.: 5.178 min  
Delta R.T.: 0.005 min  
Response: 186747306  
Conc: 43.45 ng/ml



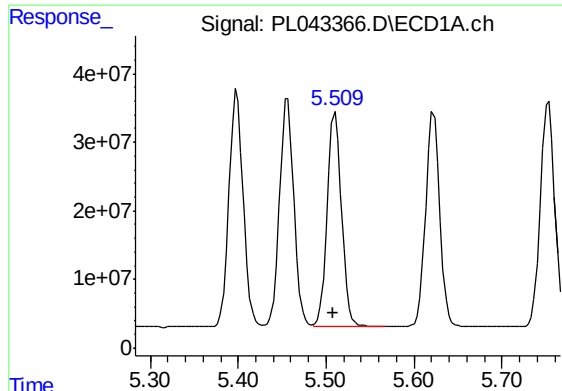
#8 Heptachlor epoxide

R.T.: 5.173 min  
Delta R.T.: 0.002 min  
Response: 386234056  
Conc: 48.72 ng/ml



#8 Heptachlor epoxide

R.T.: 6.001 min  
Delta R.T.: 0.006 min  
Response: 197537836  
Conc: 52.09 ng/ml



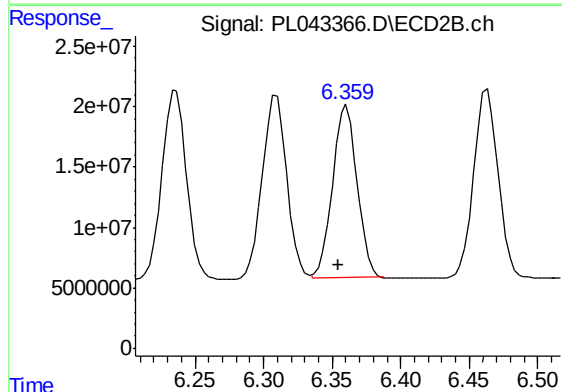
#9 Endosulfan I

R.T.: 5.510 min  
Delta R.T.: 0.002 min  
Response: 354523156  
Conc: 48.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB115908BS

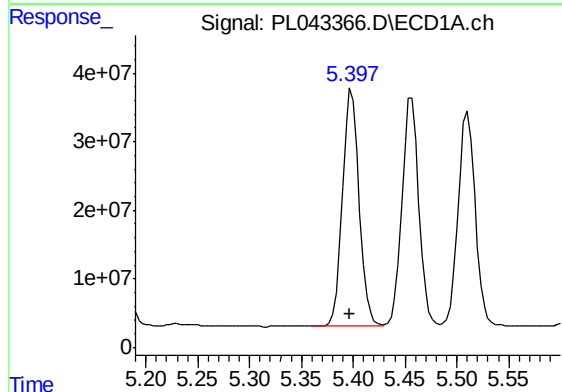
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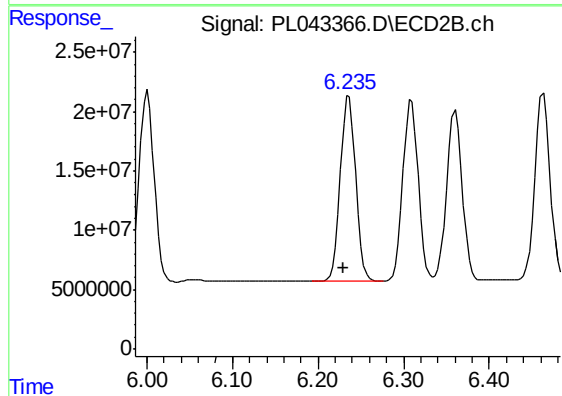
#9 Endosulfan I

R.T.: 6.361 min  
Delta R.T.: 0.006 min  
Response: 177026070  
Conc: 52.14 ng/ml



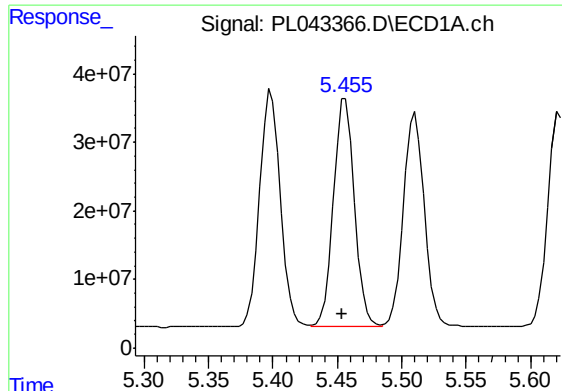
#10 gamma-Chlordane

R.T.: 5.399 min  
Delta R.T.: 0.002 min  
Response: 388897328  
Conc: 48.24 ng/ml



#10 gamma-Chlordane

R.T.: 6.236 min  
Delta R.T.: 0.006 min  
Response: 193693973  
Conc: 52.73 ng/ml



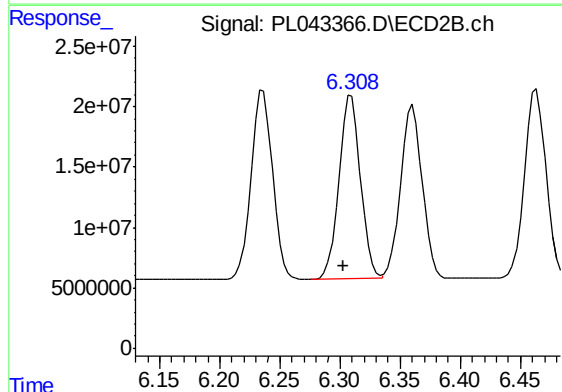
#11 alpha-Chlordane

R.T.: 5.456 min  
Delta R.T.: 0.002 min  
Response: 378786359  
Conc: 47.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB115908BS

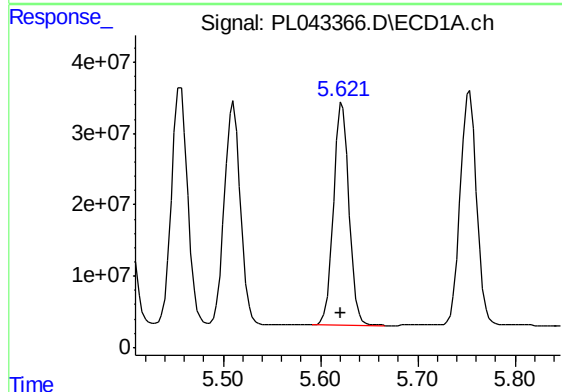
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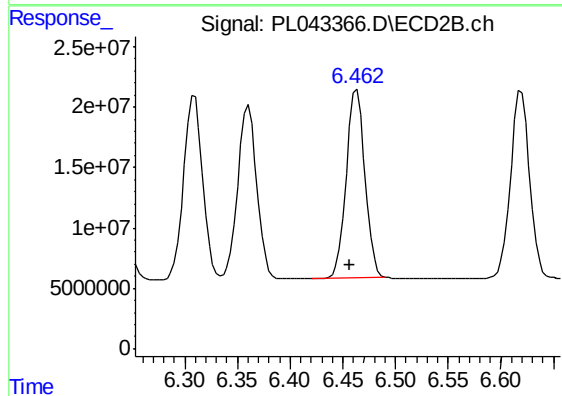
#11 alpha-Chlordane

R.T.: 6.309 min  
Delta R.T.: 0.006 min  
Response: 189031974  
Conc: 52.56 ng/ml



#12 4,4'-DDE

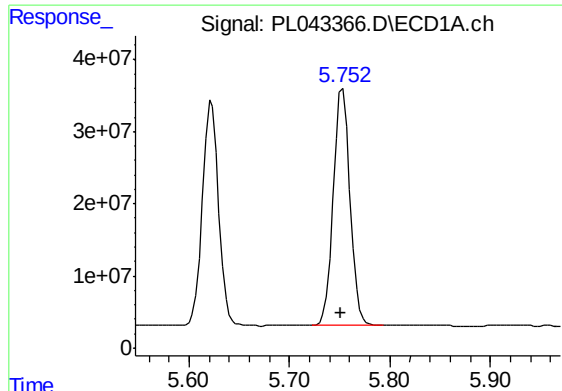
R.T.: 5.622 min  
Delta R.T.: 0.002 min  
Response: 348722138  
Conc: 50.37 ng/ml



#12 4,4'-DDE

R.T.: 6.463 min  
Delta R.T.: 0.006 min  
Response: 191238652  
Conc: 52.77 ng/ml





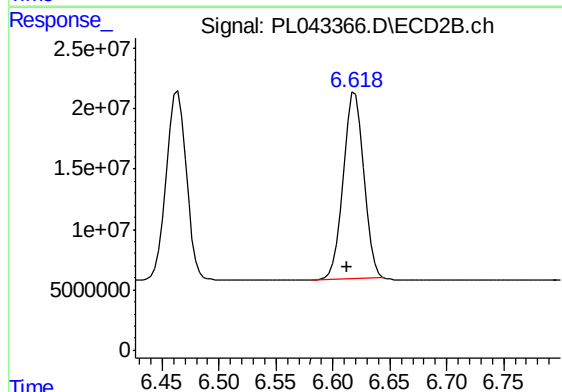
#13 Dieldrin

R.T.: 5.753 min  
Delta R.T.: 0.002 min  
Response: 378167200  
Conc: 48.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB115908BS

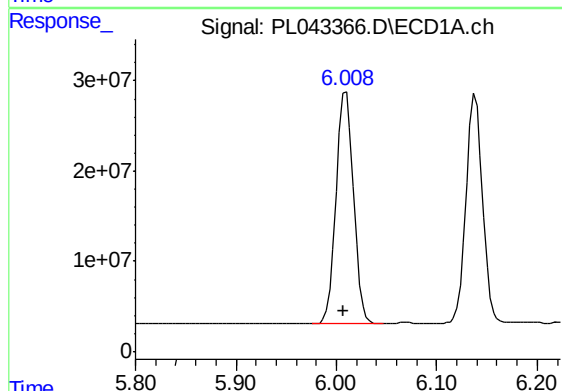
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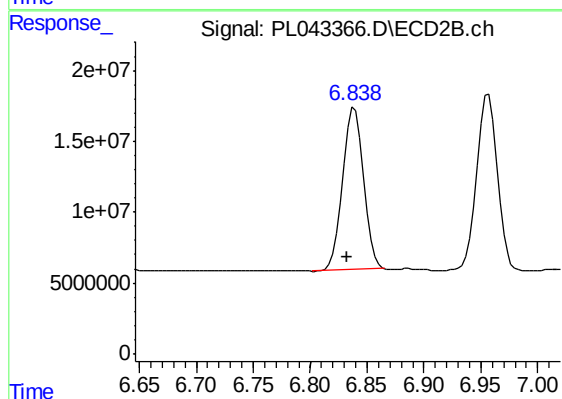
#13 Dieldrin

R.T.: 6.619 min  
Delta R.T.: 0.006 min  
Response: 191400592  
Conc: 52.79 ng/ml



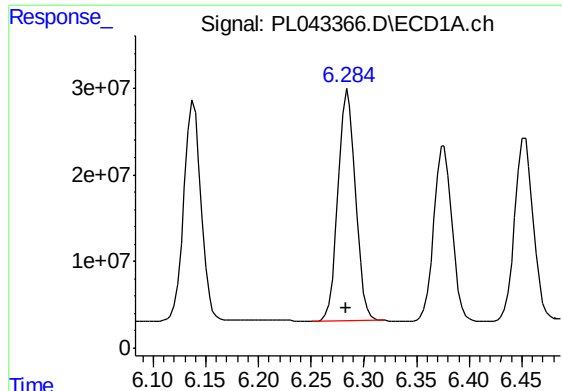
#14 Endrin

R.T.: 6.010 min  
Delta R.T.: 0.003 min  
Response: 308642986  
Conc: 42.86 ng/ml



#14 Endrin

R.T.: 6.839 min  
Delta R.T.: 0.007 min  
Response: 144817739  
Conc: 46.39 ng/ml



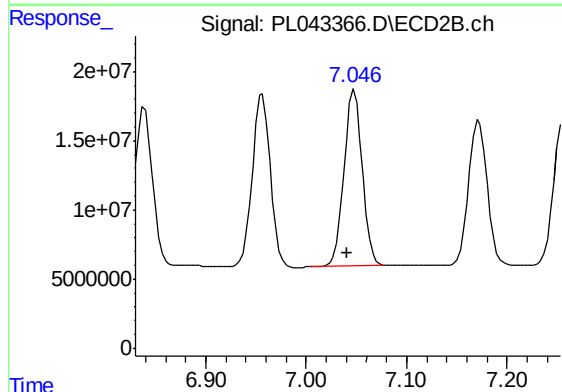
#15 Endosulfan II

R.T.: 6.285 min  
Delta R.T.: 0.002 min  
Response: 308353134  
Conc: 46.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB115908BS

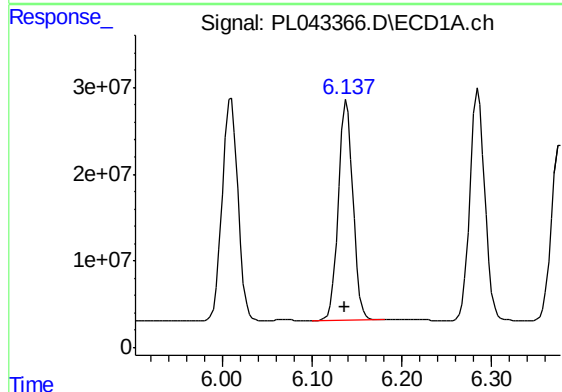
Manual Integrations  
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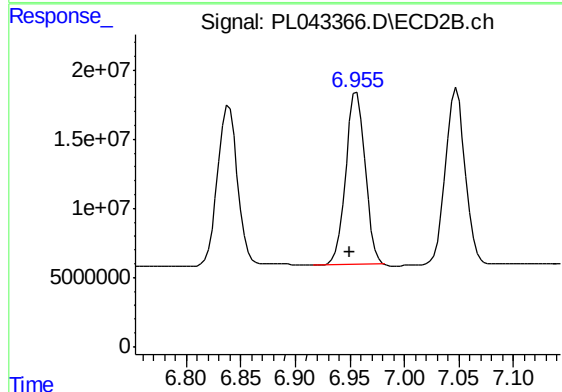
#15 Endosulfan II

R.T.: 7.048 min  
Delta R.T.: 0.007 min  
Response: 159533793  
Conc: 52.69 ng/ml



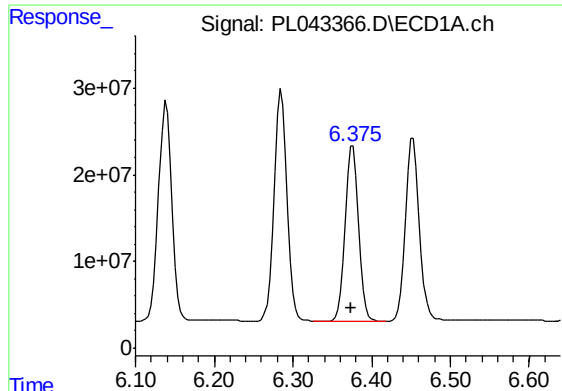
#16 4,4'-DDD

R.T.: 6.139 min  
Delta R.T.: 0.003 min  
Response: 288155562  
Conc: 50.81 ng/ml



#16 4,4'-DDD

R.T.: 6.956 min  
Delta R.T.: 0.007 min  
Response: 154314443  
Conc: 52.62 ng/ml



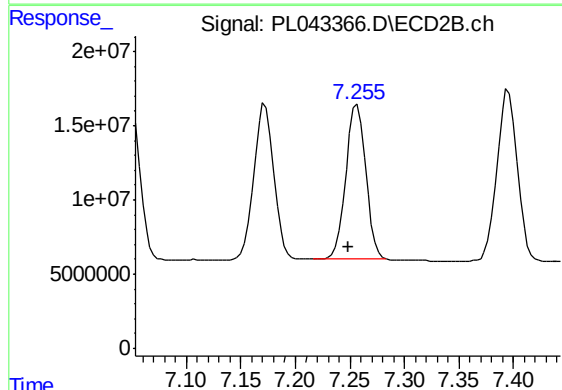
#17 4,4'-DDT

R.T.: 6.376 min  
Delta R.T.: 0.002 min  
Response: 244463821  
Conc: 41.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB115908BS

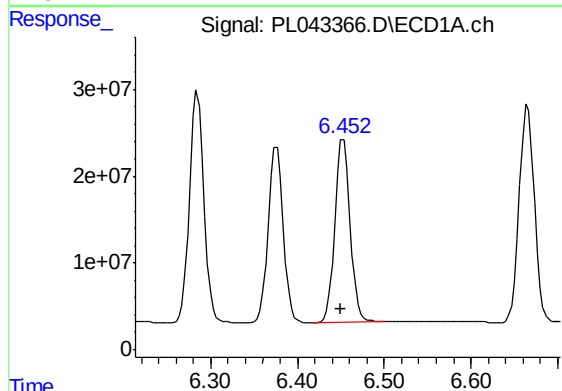
Manual Integrations  
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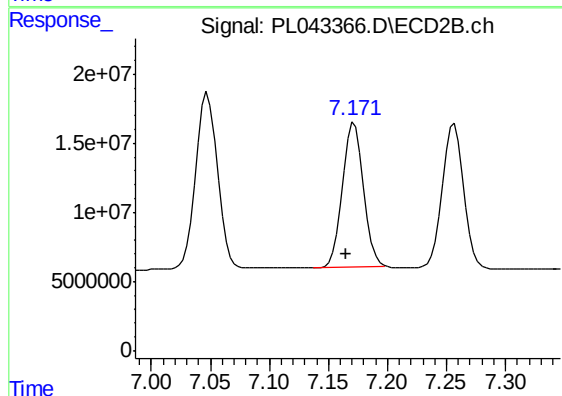
#17 4,4'-DDT

R.T.: 7.257 min  
Delta R.T.: 0.008 min  
Response: 131896307  
Conc: 44.91 ng/ml



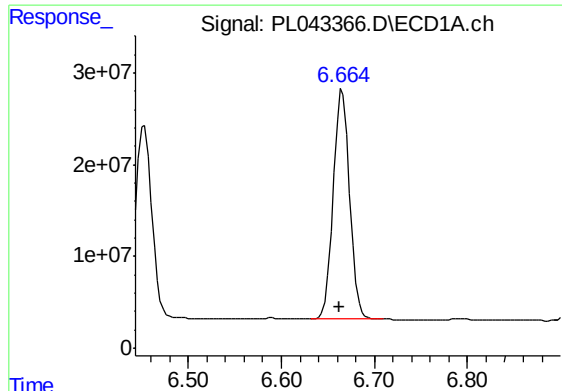
#18 Endrin aldehyde

R.T.: 6.453 min  
Delta R.T.: 0.003 min  
Response: 259214146  
Conc: 47.04 ng/ml



#18 Endrin aldehyde

R.T.: 7.172 min  
Delta R.T.: 0.007 min  
Response: 132597103  
Conc: 52.86 ng/ml



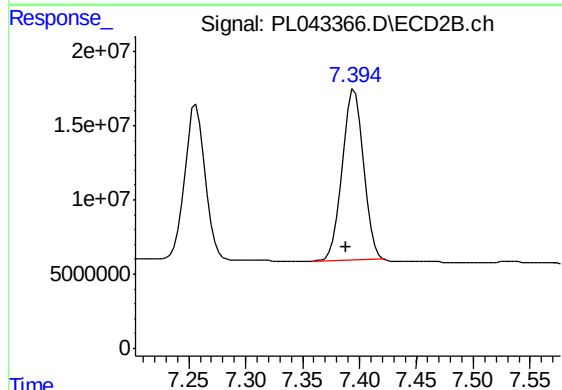
#19 Endosulfan Sulfate

R.T.: 6.666 min  
Delta R.T.: 0.003 min  
Response: 307220334  
Conc: 45.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB115908BS

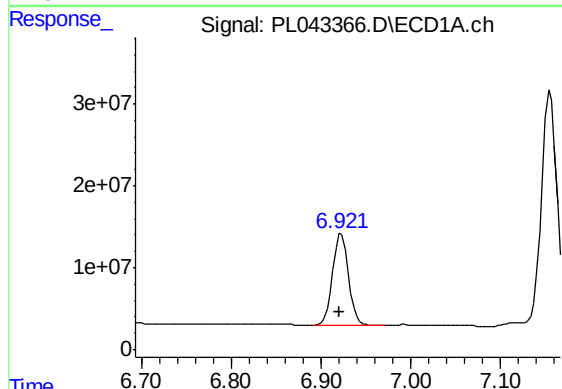
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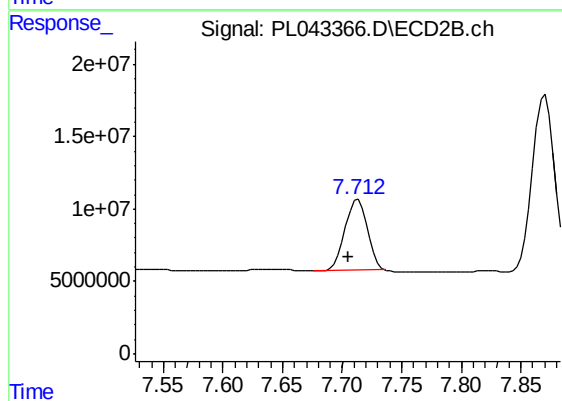
#19 Endosulfan Sulfate

R.T.: 7.396 min  
Delta R.T.: 0.007 min  
Response: 148020802  
Conc: 49.23 ng/ml



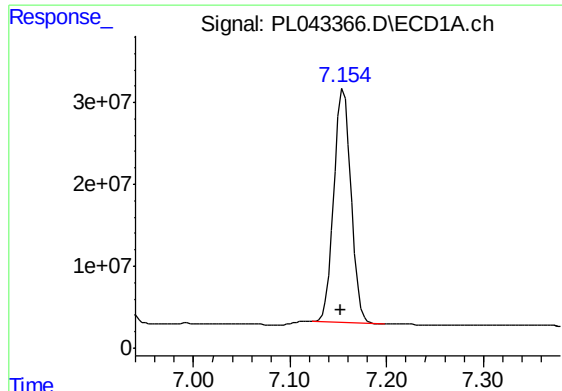
#20 Methoxychlor

R.T.: 6.923 min  
Delta R.T.: 0.002 min  
Response: 138348499  
Conc: 41.23 ng/ml



#20 Methoxychlor

R.T.: 7.713 min  
Delta R.T.: 0.008 min  
Response: 63895565  
Conc: 42.36 ng/ml



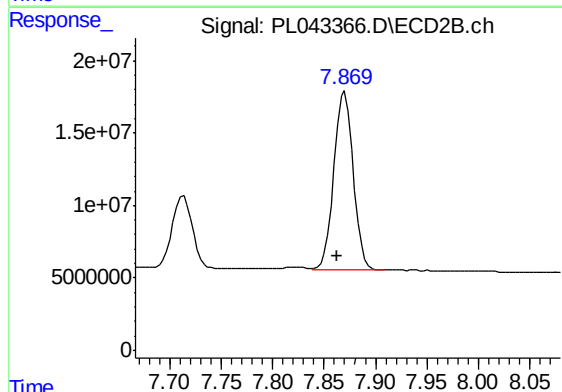
#21 Endrin ketone

R.T.: 7.154 min  
Delta R.T.: 0.001 min  
Response: 345915986  
Conc: 47.84 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PB115908BS

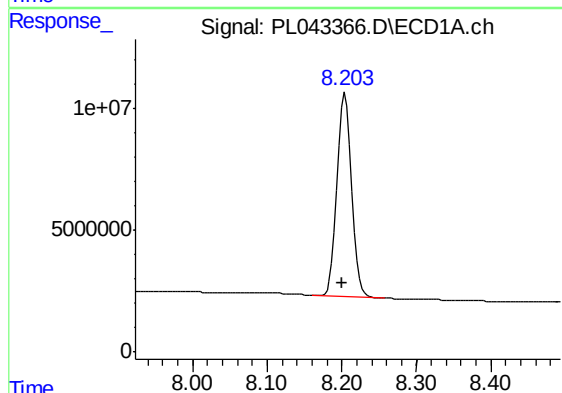
Manual Integrations  
APPROVED

Sohil  
12/26/2018 9:12:35 AM



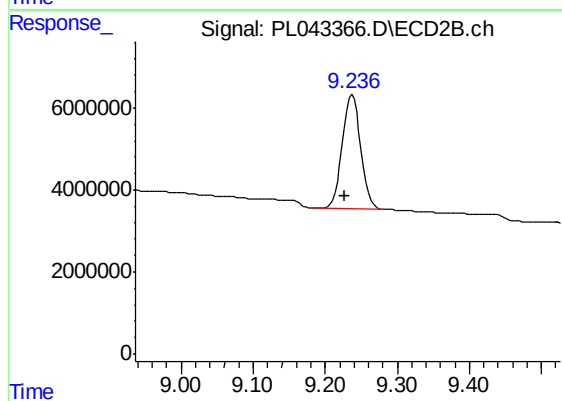
#21 Endrin ketone

R.T.: 7.869 min  
Delta R.T.: 0.006 min  
Response: 161465143  
Conc: 52.82 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.205 min  
Delta R.T.: 0.003 min  
Response: 111307186  
Conc: 17.05 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.238 min  
Delta R.T.: 0.011 min  
Response: 49333401  
Conc: 18.91 ng/ml