

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL120518\  
 Data File : PL042817.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 Dec 2018 12:22  
 Operator : AJ\SJ  
 Sample : PB115309BSD  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB115309BSD

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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 06 00:08:09 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... | 3.466 | 4.100 | 118.0E6  | 66050457 | 20.060 | 22.965   |
| 28)                         | SA Decachlor... | 8.203 | 9.232 | 134.3E6  | 53677530 | 21.303 | 22.256   |
| Target Compounds            |                 |       |       |          |          |        |          |
| 2)                          | A alpha-BHC     | 3.905 | 4.495 | 62176762 | 33931106 | 6.891  | 7.923m   |
| 3)                          | MA gamma-BHC... | 4.189 | 4.785 | 65311007 | 37088115 | 7.924  | 9.386    |
| 4)                          | MA Heptachlor   | 4.484 | 5.301 | 92682602 | 47421842 | 10.652 | 12.089   |
| 5)                          | MB Aldrin       | 4.730 | 5.609 | 85807547 | 47789682 | 10.569 | 12.444   |
| 6)                          | B beta-BHC      | 4.443 | 4.954 | 42727745 | 19879375 | 12.061 | 12.600   |
| 7)                          | B delta-BHC     | 4.642 | 5.165 | 646925   | 1010977  | 0.084m | 0.275m#  |
| 8)                          | B Heptachlor... | 5.172 | 5.998 | 88092166 | 59370601 | 11.622 | 16.558 # |
| 9)                          | A Endosulfan I  | 5.510 | 6.358 | 80850559 | 41529249 | 11.683 | 13.150   |
| 10)                         | B gamma-Chl...  | 5.399 | 6.233 | 89710554 | 43951809 | 11.766 | 12.910   |
| 11)                         | B alpha-Chl...  | 5.456 | 6.306 | 87835345 | 43899688 | 11.701 | 13.129   |
| 12)                         | B 4,4'-DDE      | 5.622 | 6.460 | 87196361 | 45571526 | 13.322 | 13.693   |
| 13)                         | MA Dieldrin     | 5.753 | 6.616 | 84409475 | 45449443 | 11.474 | 13.654   |
| 14)                         | MA Endrin       | 6.010 | 6.832 | 74440802 | 22551551 | 11.382 | 8.187m#  |
| 15)                         | B Endosulfa...  | 6.285 | 7.044 | 76870141 | 38488460 | 12.298 | 13.936   |
| 16)                         | A 4,4'-DDD      | 6.137 | 6.952 | 60457121 | 35525678 | 11.418 | 13.497   |
| 17)                         | MA 4,4'-DDT     | 6.376 | 7.252 | 49655971 | 29726359 | 8.920  | 11.257 # |
| 18)                         | B Endrin al...  | 6.452 | 7.168 | 60269021 | 30035391 | 11.593 | 13.101   |
| 19)                         | B Endosulfa...  | 6.665 | 7.391 | 31659309 | 14604018 | 5.074  | 5.251    |
| 20)                         | A Methoxychlor  | 6.922 | 7.709 | 33781191 | 15549492 | 10.711 | 11.405   |
| 21)                         | B Endrin ke...  | 7.154 | 7.866 | 85474797 | 37983557 | 12.344 | 13.742   |
| -----                       |                 |       |       |          |          |        |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL120518\  
Data File : PL042817.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 05 Dec 2018 12:22  
Operator : AJ\SJ  
Sample : PB115309BSD  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

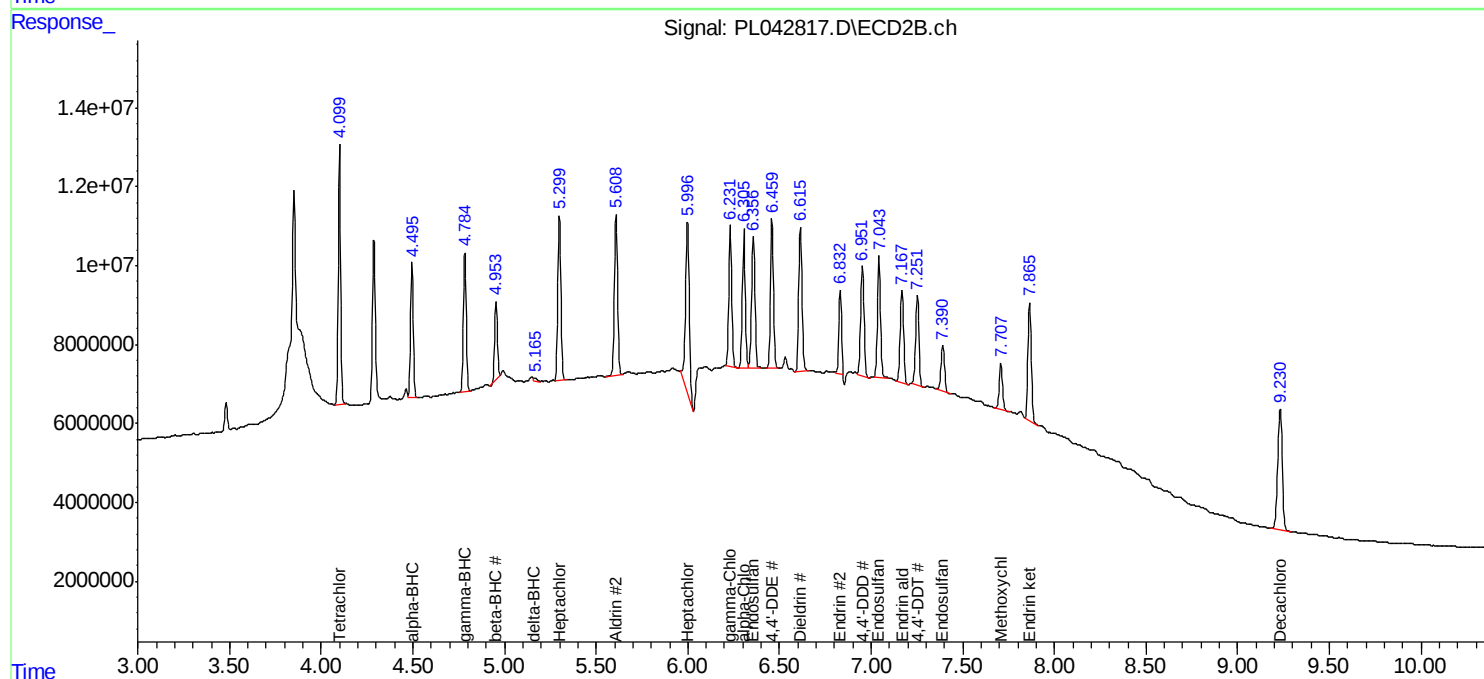
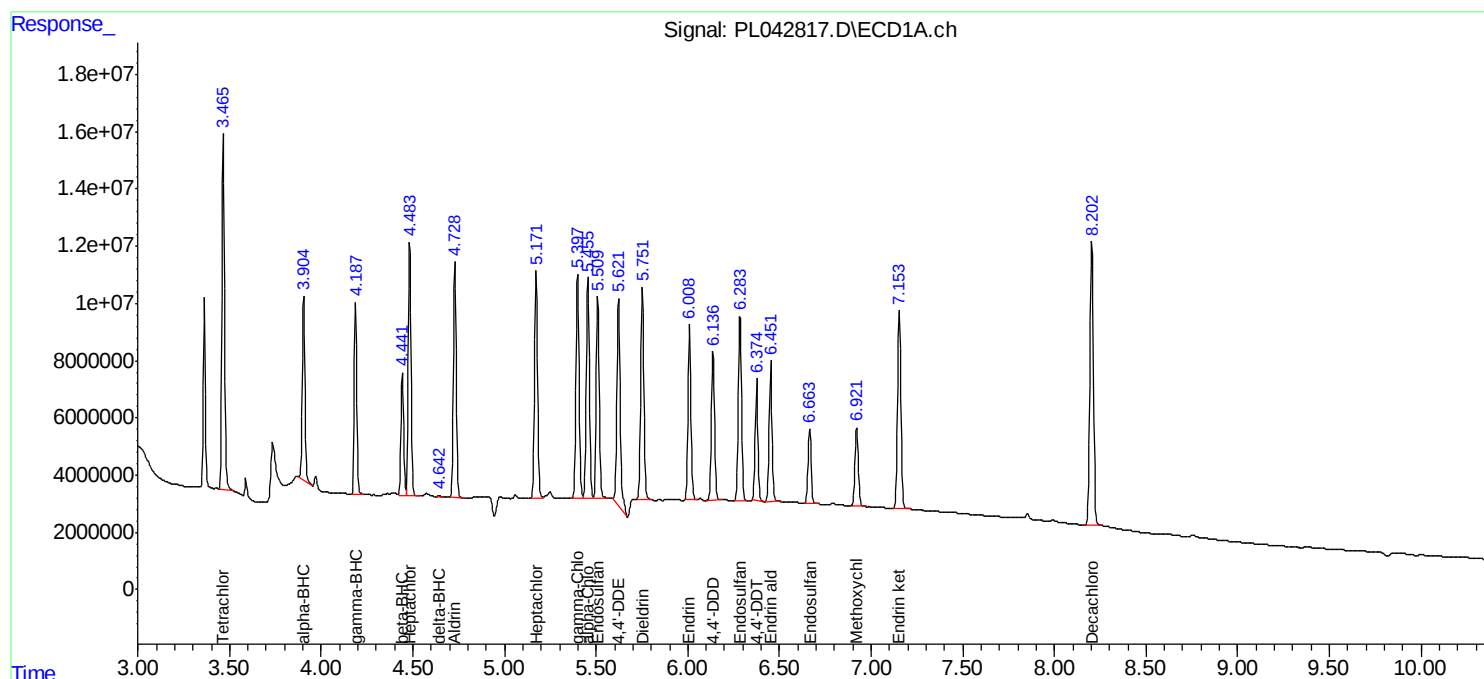
Instrument :  
ECD\_L  
Client Sampled :  
PB115309BSD

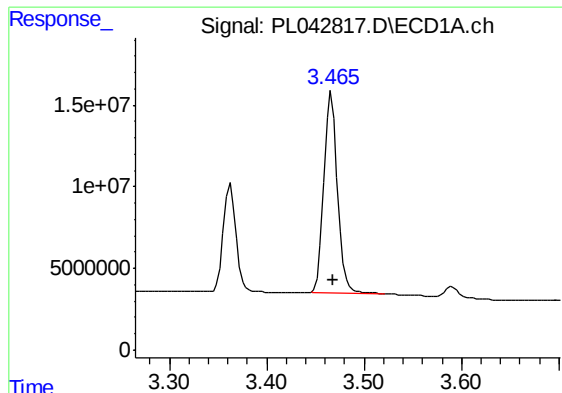
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 06 00:08:09 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL112018.M  
Quant Title : GC Extractables  
QLast Update : Tue Nov 20 02:29:59 2018  
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





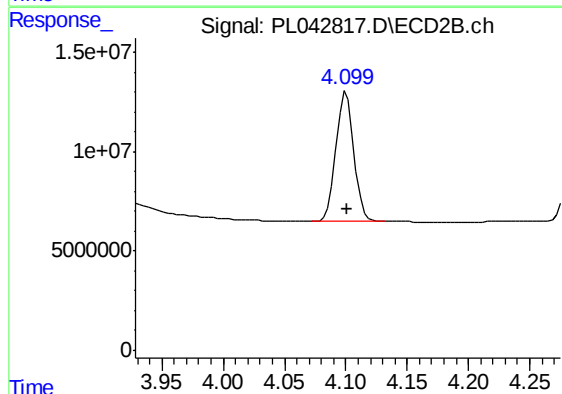
#1 Tetrachloro-m-xylene

R.T.: 3.466 min  
Delta R.T.: -0.002 min  
Response: 118023808  
Conc: 20.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB115309BSD

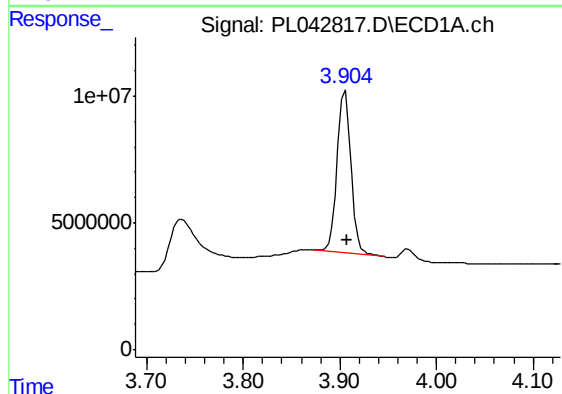
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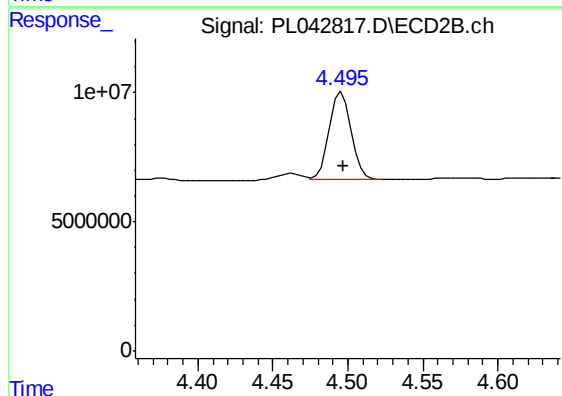
#1 Tetrachloro-m-xylene

R.T.: 4.100 min  
Delta R.T.: -0.001 min  
Response: 66050457  
Conc: 22.97 ng/ml



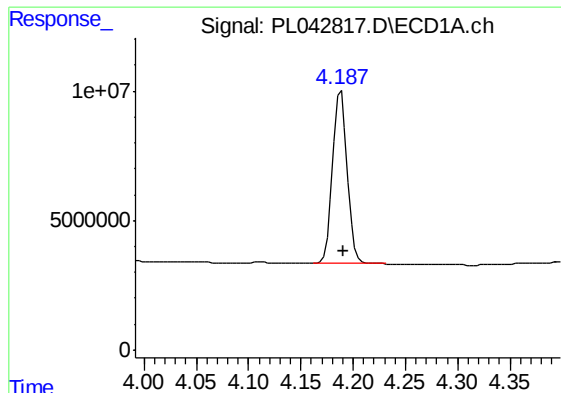
#2 alpha-BHC

R.T.: 3.905 min  
Delta R.T.: -0.002 min  
Response: 62176762  
Conc: 6.89 ng/ml



#2 alpha-BHC

R.T.: 4.495 min  
Delta R.T.: -0.002 min  
Response: 33931106  
Conc: 7.92 ng/ml m



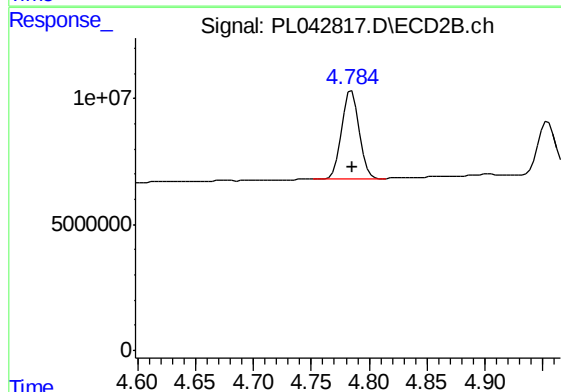
#3 gamma-BHC (Lindane)

R.T.: 4.189 min  
Delta R.T.: -0.003 min  
Response: 65311007  
Conc: 7.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB115309BSD

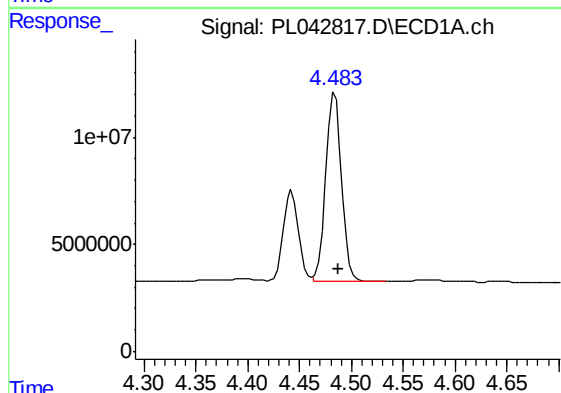
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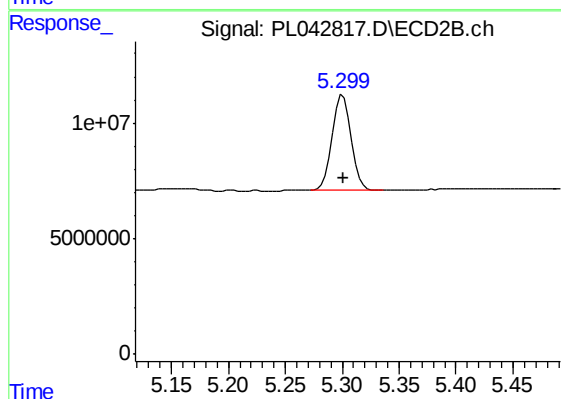
#3 gamma-BHC (Lindane)

R.T.: 4.785 min  
Delta R.T.: 0.000 min  
Response: 37088115  
Conc: 9.39 ng/ml



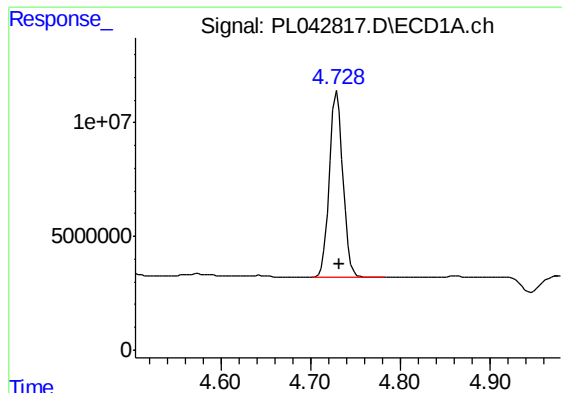
#4 Heptachlor

R.T.: 4.484 min  
Delta R.T.: -0.003 min  
Response: 92682602  
Conc: 10.65 ng/ml



#4 Heptachlor

R.T.: 5.301 min  
Delta R.T.: 0.000 min  
Response: 47421842  
Conc: 12.09 ng/ml



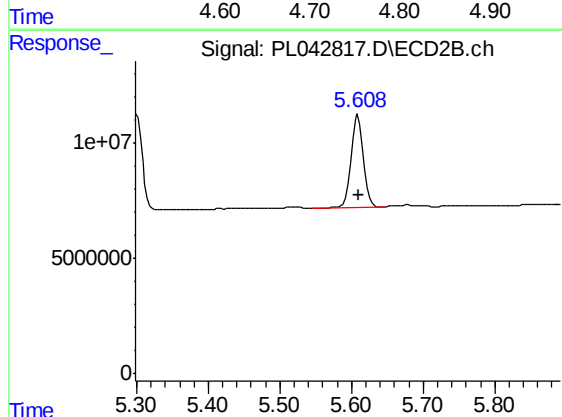
#5 Aldrin

R.T.: 4.730 min  
Delta R.T.: -0.003 min  
Response: 85807547  
Conc: 10.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB115309BSD

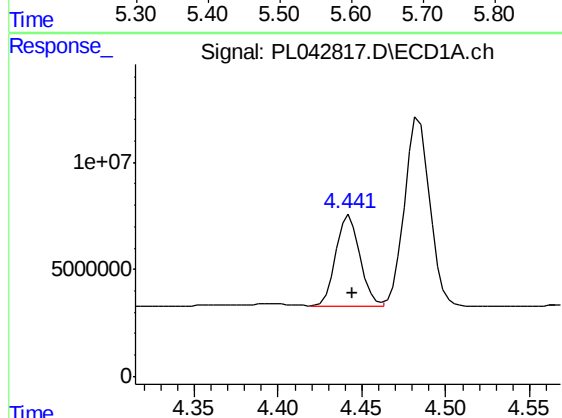
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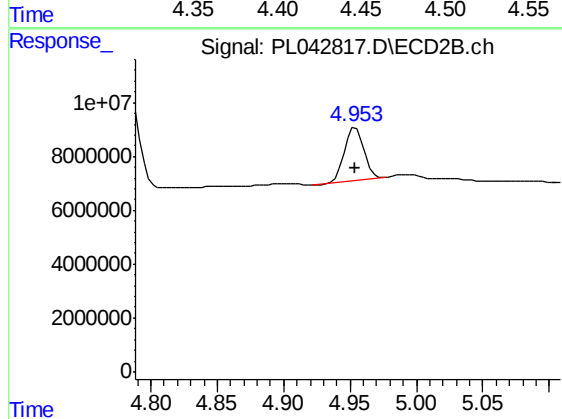
#5 Aldrin

R.T.: 5.609 min  
Delta R.T.: 0.000 min  
Response: 47789682  
Conc: 12.44 ng/ml



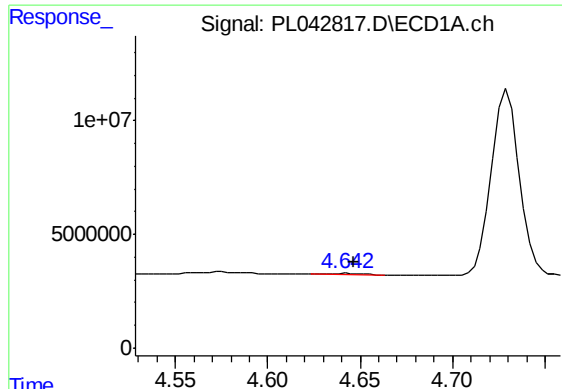
#6 beta-BHC

R.T.: 4.443 min  
Delta R.T.: -0.002 min  
Response: 42727745  
Conc: 12.06 ng/ml



#6 beta-BHC

R.T.: 4.954 min  
Delta R.T.: 0.000 min  
Response: 19879375  
Conc: 12.60 ng/ml



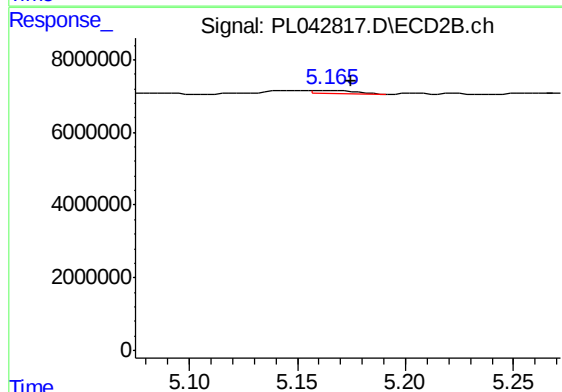
#7 delta-BHC

R.T.: 4.642 min  
Delta R.T.: -0.005 min  
Response: 646925  
Conc: 0.08 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PB115309BSD

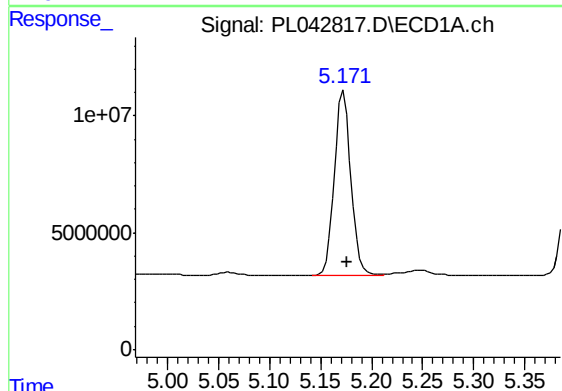
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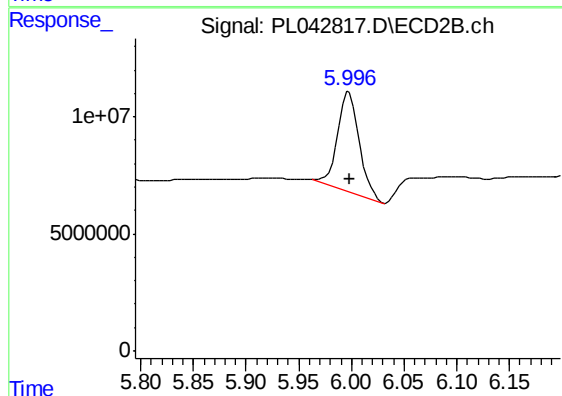
#7 delta-BHC

R.T.: 5.165 min  
Delta R.T.: -0.010 min  
Response: 1010977  
Conc: 0.27 ng/ml m



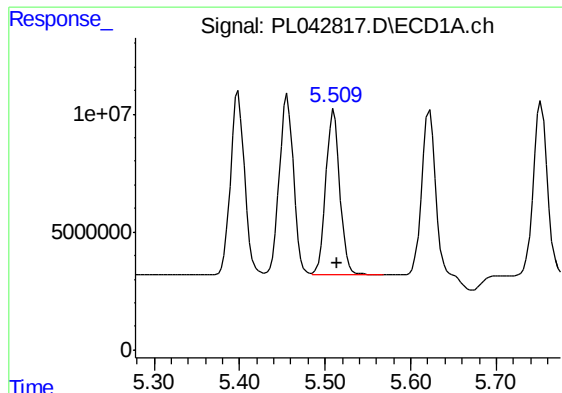
#8 Heptachlor epoxide

R.T.: 5.172 min  
Delta R.T.: -0.004 min  
Response: 88092166  
Conc: 11.62 ng/ml



#8 Heptachlor epoxide

R.T.: 5.998 min  
Delta R.T.: 0.000 min  
Response: 59370601  
Conc: 16.56 ng/ml



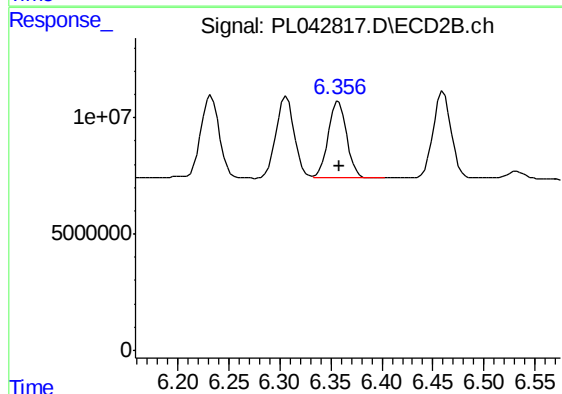
#9 Endosulfan I

R.T.: 5.510 min  
Delta R.T.: -0.004 min  
Response: 80850559  
Conc: 11.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB115309BSD

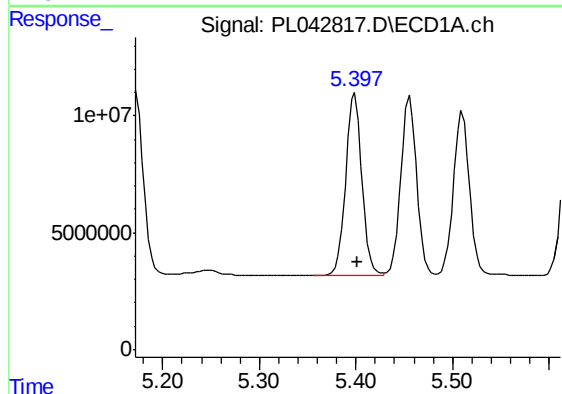
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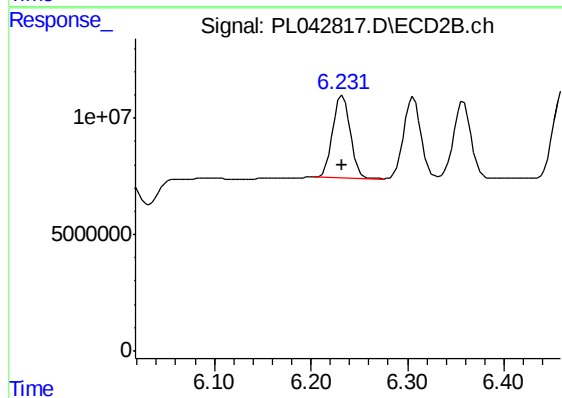
#9 Endosulfan I

R.T.: 6.358 min  
Delta R.T.: 0.000 min  
Response: 41529249  
Conc: 13.15 ng/ml



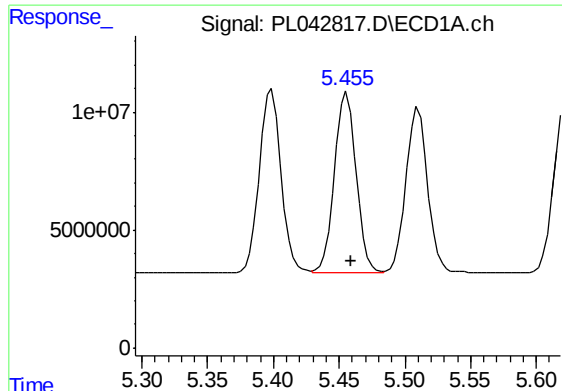
#10 gamma-Chlordane

R.T.: 5.399 min  
Delta R.T.: -0.003 min  
Response: 89710554  
Conc: 11.77 ng/ml



#10 gamma-Chlordane

R.T.: 6.233 min  
Delta R.T.: 0.000 min  
Response: 43951809  
Conc: 12.91 ng/ml



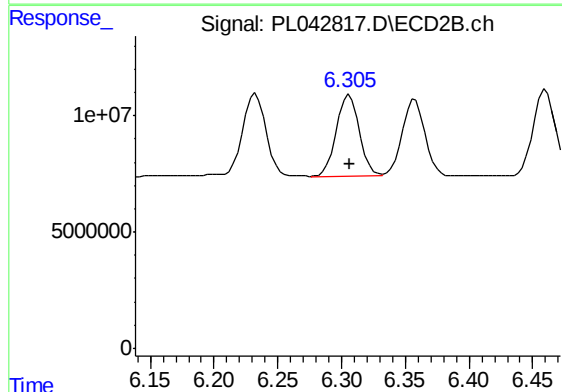
#11 alpha-Chlordane

R.T.: 5.456 min  
Delta R.T.: -0.003 min  
Response: 87835345  
Conc: 11.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB115309BSD

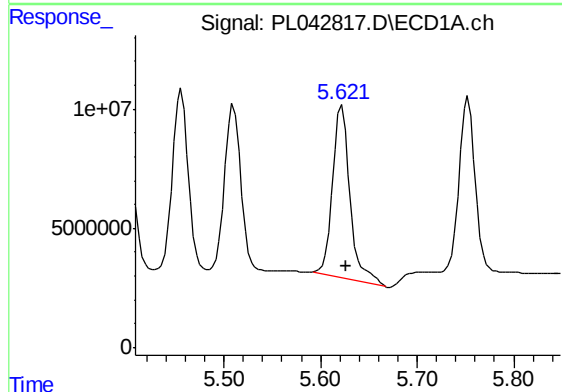
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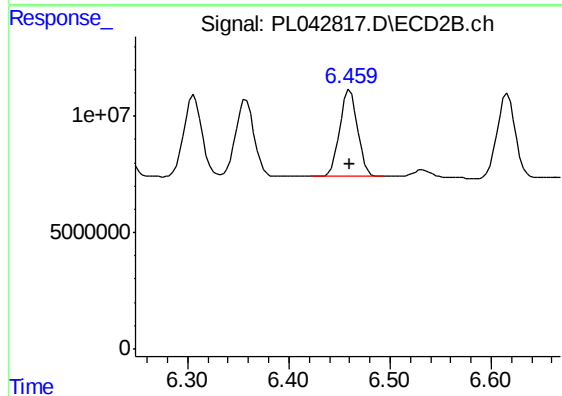
#11 alpha-Chlordane

R.T.: 6.306 min  
Delta R.T.: 0.000 min  
Response: 43899688  
Conc: 13.13 ng/ml



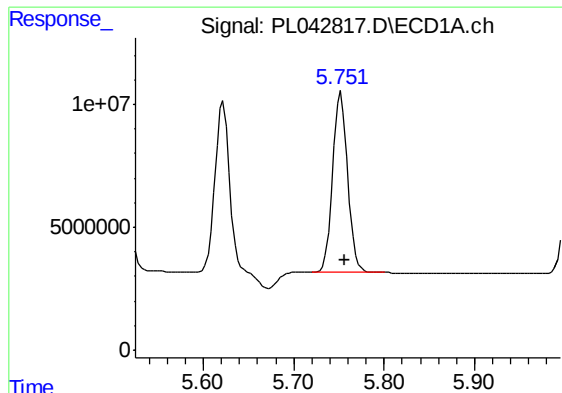
#12 4,4'-DDE

R.T.: 5.622 min  
Delta R.T.: -0.004 min  
Response: 87196361  
Conc: 13.32 ng/ml



#12 4,4'-DDE

R.T.: 6.460 min  
Delta R.T.: 0.000 min  
Response: 45571526  
Conc: 13.69 ng/ml



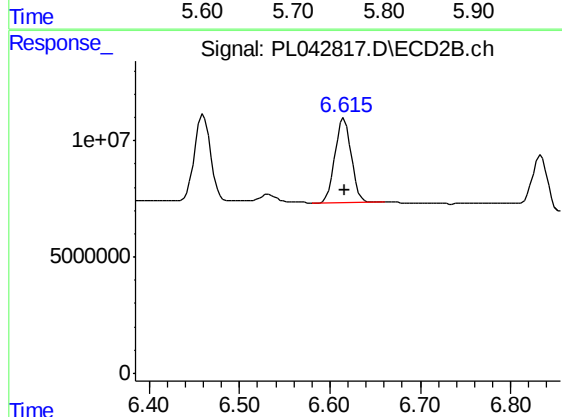
#13 Dieldrin

R.T.: 5.753 min  
Delta R.T.: -0.004 min  
Response: 84409475  
Conc: 11.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB115309BSD

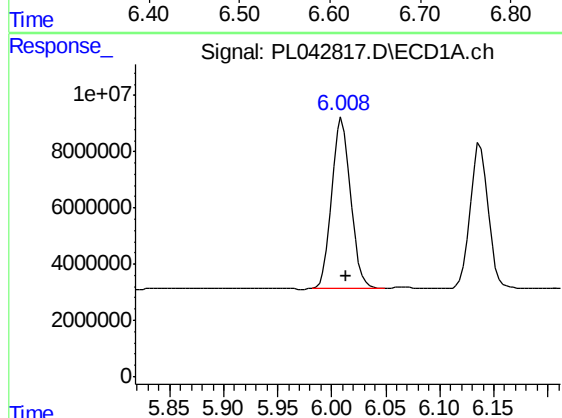
Manual Integrations  
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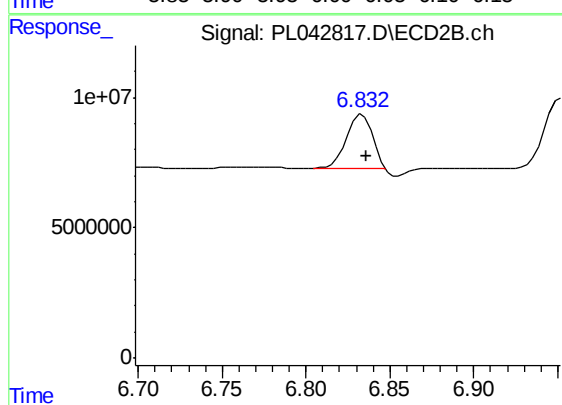
#13 Dieldrin

R.T.: 6.616 min  
Delta R.T.: 0.000 min  
Response: 45449443  
Conc: 13.65 ng/ml



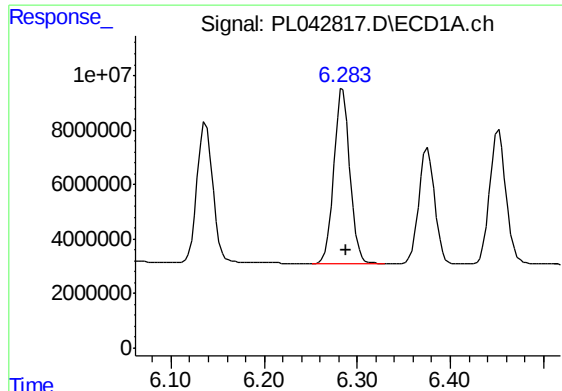
#14 Endrin

R.T.: 6.010 min  
Delta R.T.: -0.003 min  
Response: 74440802  
Conc: 11.38 ng/ml



#14 Endrin

R.T.: 6.832 min  
Delta R.T.: -0.004 min  
Response: 22551551  
Conc: 8.19 ng/ml m



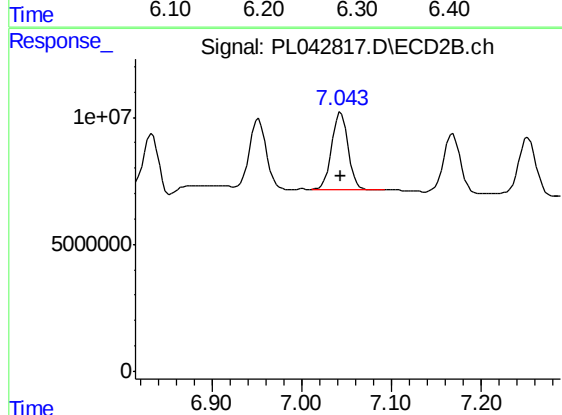
#15 Endosulfan II

R.T.: 6.285 min  
Delta R.T.: -0.003 min  
Response: 76870141  
Conc: 12.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB115309BSD

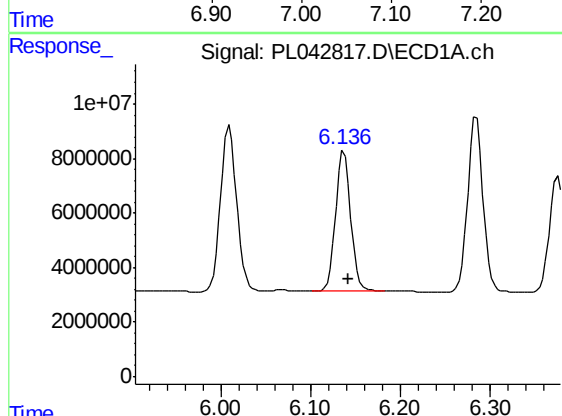
Manual Integrations  
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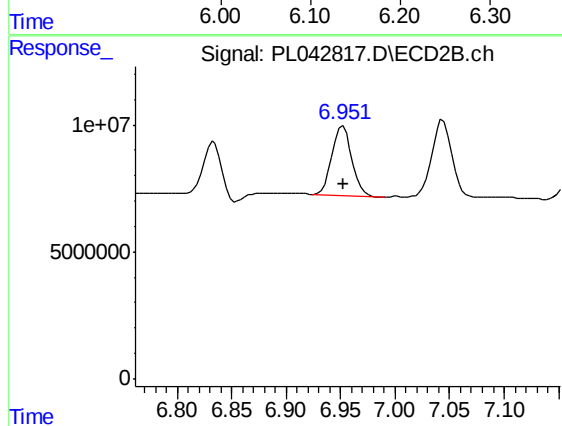
#15 Endosulfan II

R.T.: 7.044 min  
Delta R.T.: 0.000 min  
Response: 38488460  
Conc: 13.94 ng/ml



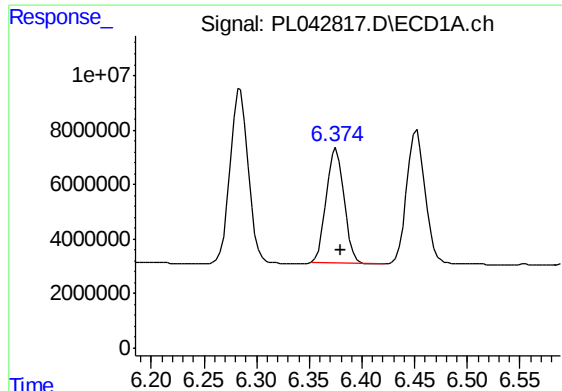
#16 4,4'-DDD

R.T.: 6.137 min  
Delta R.T.: -0.004 min  
Response: 60457121  
Conc: 11.42 ng/ml



#16 4,4'-DDD

R.T.: 6.952 min  
Delta R.T.: 0.000 min  
Response: 35525678  
Conc: 13.50 ng/ml



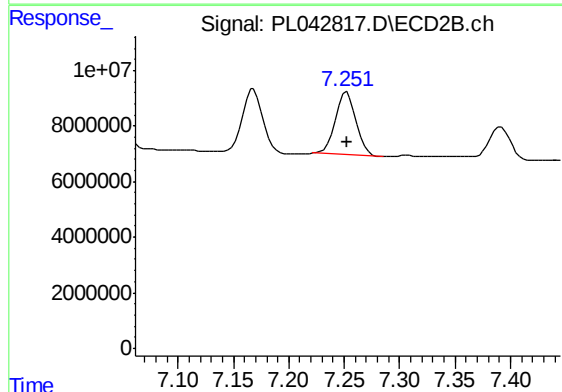
#17 4,4'-DDT

R.T.: 6.376 min  
Delta R.T.: -0.004 min  
Response: 49655971  
Conc: 8.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB115309BSD

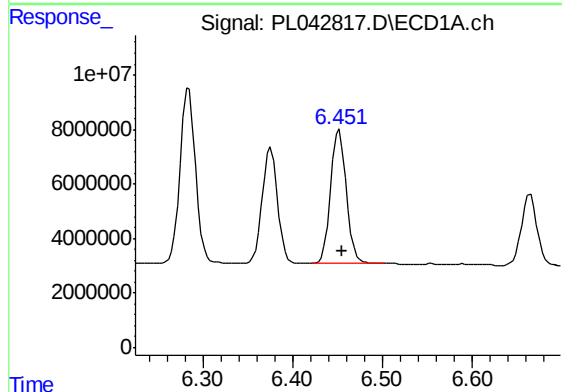
Manual Integrations  
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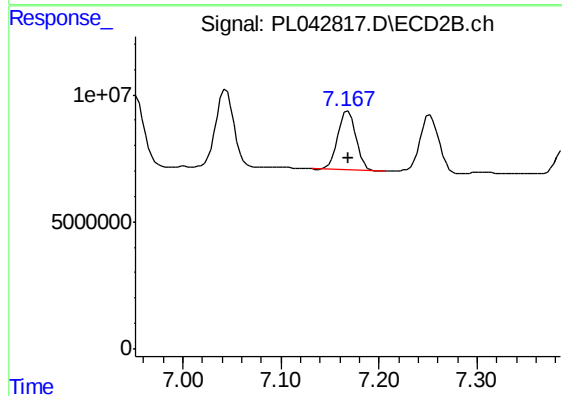
#17 4,4'-DDT

R.T.: 7.252 min  
Delta R.T.: 0.000 min  
Response: 29726359  
Conc: 11.26 ng/ml



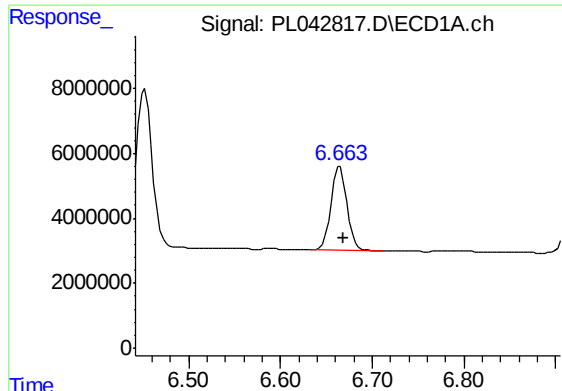
#18 Endrin aldehyde

R.T.: 6.452 min  
Delta R.T.: -0.004 min  
Response: 60269021  
Conc: 11.59 ng/ml



#18 Endrin aldehyde

R.T.: 7.168 min  
Delta R.T.: 0.000 min  
Response: 30035391  
Conc: 13.10 ng/ml



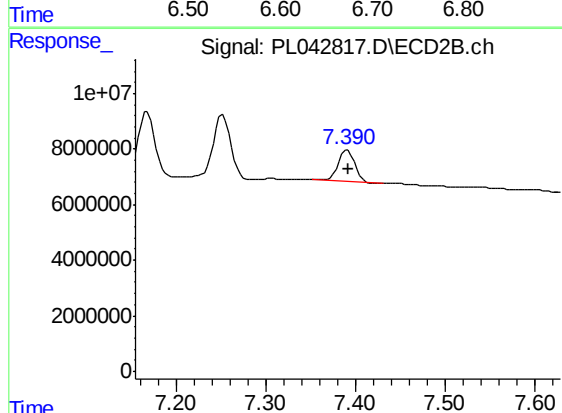
#19 Endosulfan Sulfate

R.T.: 6.665 min  
Delta R.T.: -0.004 min  
Response: 31659309  
Conc: 5.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB115309BSD

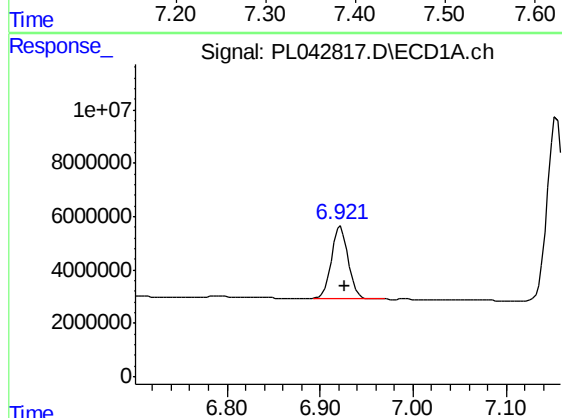
Manual Integrations  
APPROVED

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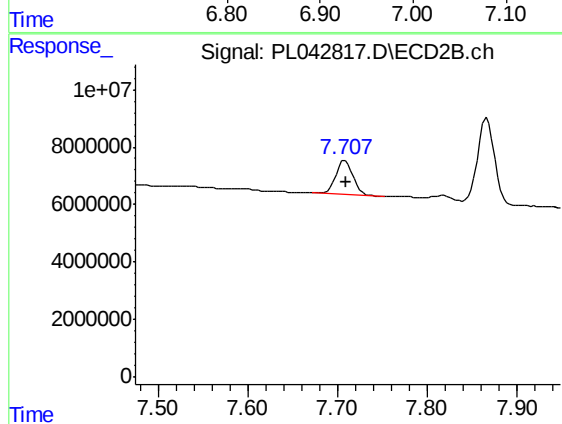
#19 Endosulfan Sulfate

R.T.: 7.391 min  
Delta R.T.: 0.000 min  
Response: 14604018  
Conc: 5.25 ng/ml



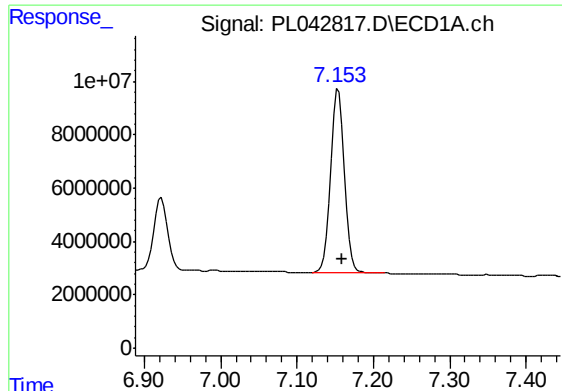
#20 Methoxychlor

R.T.: 6.922 min  
Delta R.T.: -0.004 min  
Response: 33781191  
Conc: 10.71 ng/ml



#20 Methoxychlor

R.T.: 7.709 min  
Delta R.T.: 0.000 min  
Response: 15549492  
Conc: 11.40 ng/ml



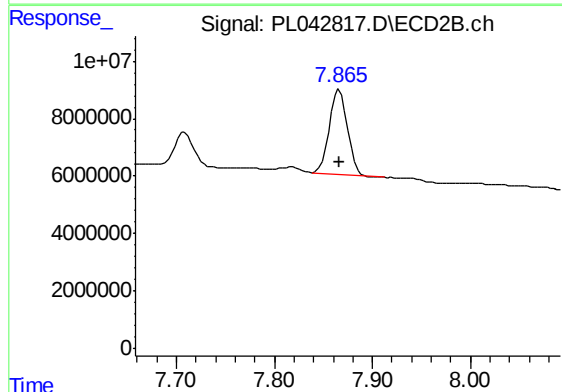
#21 Endrin ketone

R.T.: 7.154 min  
Delta R.T.: -0.004 min  
Response: 85474797  
Conc: 12.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB115309BSD

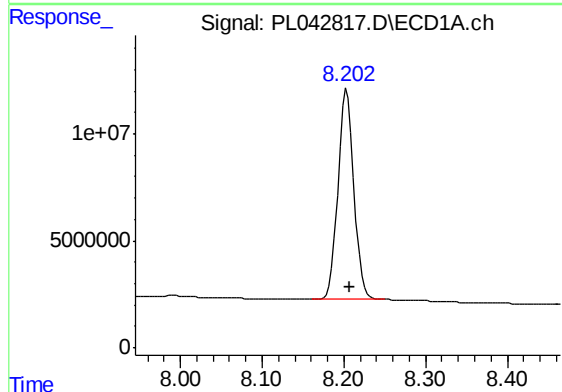
Manual Integrations  
APPROVED

mohammad  
12/6/2018 1:56:14 PM



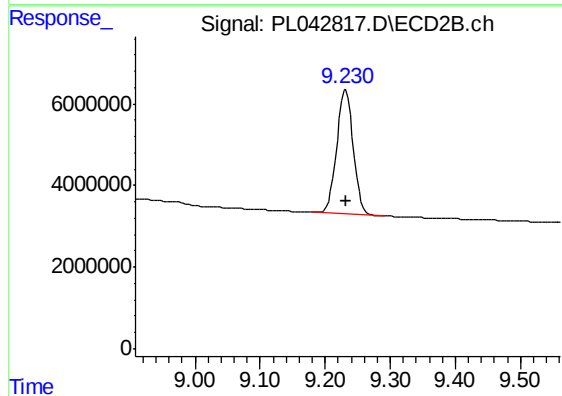
#21 Endrin ketone

R.T.: 7.866 min  
Delta R.T.: 0.000 min  
Response: 37983557  
Conc: 13.74 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.203 min  
Delta R.T.: -0.003 min  
Response: 134254798  
Conc: 21.30 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.232 min  
Delta R.T.: 0.000 min  
Response: 53677530  
Conc: 22.26 ng/ml