

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121118\  
 Data File : PL042950.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Dec 2018 16:37  
 Operator : AJ\SJ  
 Sample : PB115521BS  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB115521BS

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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 12 00:31:47 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 | 4.099 | 113.9E6 | 58778135 | 18.568 | 19.831   |
| 28)                         | SA Decachlor... | 8.204 | 9.231 | 116.5E6 | 46739962 | 17.842 | 17.918   |
| Target Compounds            |                 |       |       |         |          |        |          |
| 2)                          | A alpha-BHC     | 3.905 | 4.495 | 458.3E6 | 212.9E6  | 48.482 | 47.071   |
| 3)                          | MA gamma-BHC... | 4.188 | 4.783 | 424.6E6 | 199.0E6  | 49.171 | 47.451   |
| 4)                          | MA Heptachlor   | 4.483 | 5.299 | 451.4E6 | 188.6E6  | 50.879 | 46.043   |
| 5)                          | MB Aldrin       | 4.729 | 5.608 | 420.5E6 | 186.7E6  | 49.596 | 45.737   |
| 6)                          | B beta-BHC      | 4.442 | 4.953 | 172.5E6 | 81236352 | 46.763 | 47.986   |
| 7)                          | B delta-BHC     | 4.644 | 5.172 | 349.1E6 | 184.0E6  | 43.104 | 42.816m  |
| 8)                          | B Heptachlo...  | 5.173 | 5.996 | 382.0E6 | 191.1E6  | 48.193 | 50.388   |
| 9)                          | A Endosulfan I  | 5.510 | 6.356 | 340.3E6 | 152.2E6  | 46.453 | 44.816   |
| 10)                         | B gamma-Chl...  | 5.399 | 6.231 | 375.1E6 | 165.8E6  | 46.528 | 45.127   |
| 11)                         | B alpha-Chl...  | 5.456 | 6.305 | 366.1E6 | 165.7E6  | 46.117 | 46.071   |
| 12)                         | B 4,4'-DDE      | 5.622 | 6.459 | 334.7E6 | 161.6E6  | 48.353 | 44.592   |
| 13)                         | MA Dieldrin     | 5.753 | 6.615 | 362.4E6 | 164.1E6  | 46.608 | 45.262   |
| 14)                         | MA Endrin       | 6.009 | 6.834 | 332.4E6 | 139.1E6  | 46.161 | 44.543   |
| 15)                         | B Endosulfa...  | 6.285 | 7.040 | 306.5E6 | 101.7E6  | 46.077 | 33.586m# |
| 16)                         | A 4,4'-DDD      | 6.138 | 6.950 | 261.3E6 | 121.9E6  | 46.082 | 41.555m  |
| 17)                         | MA 4,4'-DDT     | 6.376 | 7.252 | 281.4E6 | 126.3E6  | 47.307 | 43.003   |
| 18)                         | B Endrin al...  | 6.452 | 7.166 | 242.4E6 | 108.7E6  | 43.992 | 43.355m  |
| 19)                         | B Endosulfa...  | 6.665 | 7.391 | 288.0E6 | 124.3E6  | 42.993 | 41.330   |
| 20)                         | A Methoxychlor  | 6.923 | 7.708 | 150.0E6 | 63881984 | 44.707 | 42.353   |
| 21)                         | B Endrin ke...  | 7.154 | 7.865 | 316.1E6 | 126.4E6  | 43.715 | 41.342   |
| -----                       |                 |       |       |         |          |        |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121118\  
Data File : PL042950.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Dec 2018 16:37  
Operator : AJ\SJ  
Sample : PB115521BS  
Misc :  
ALS Vial : 29 Sample Multiplier: 1

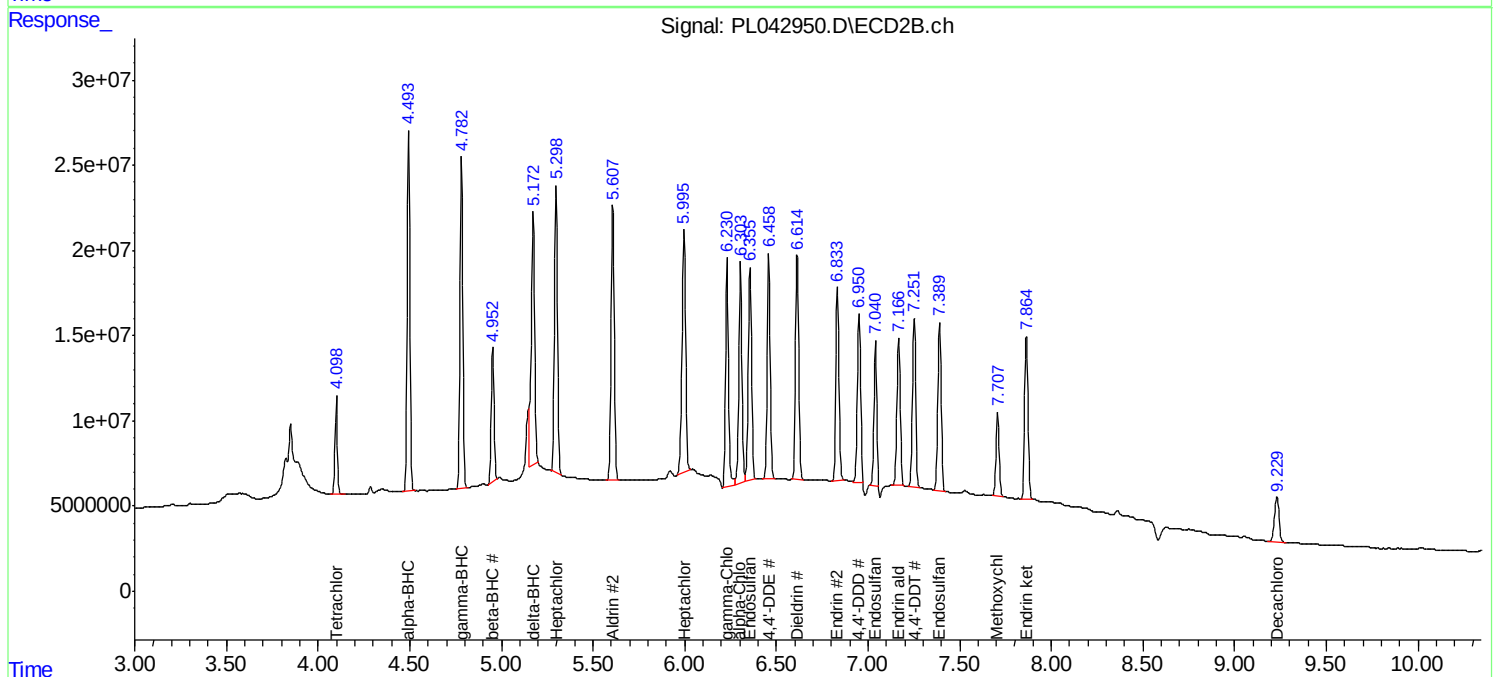
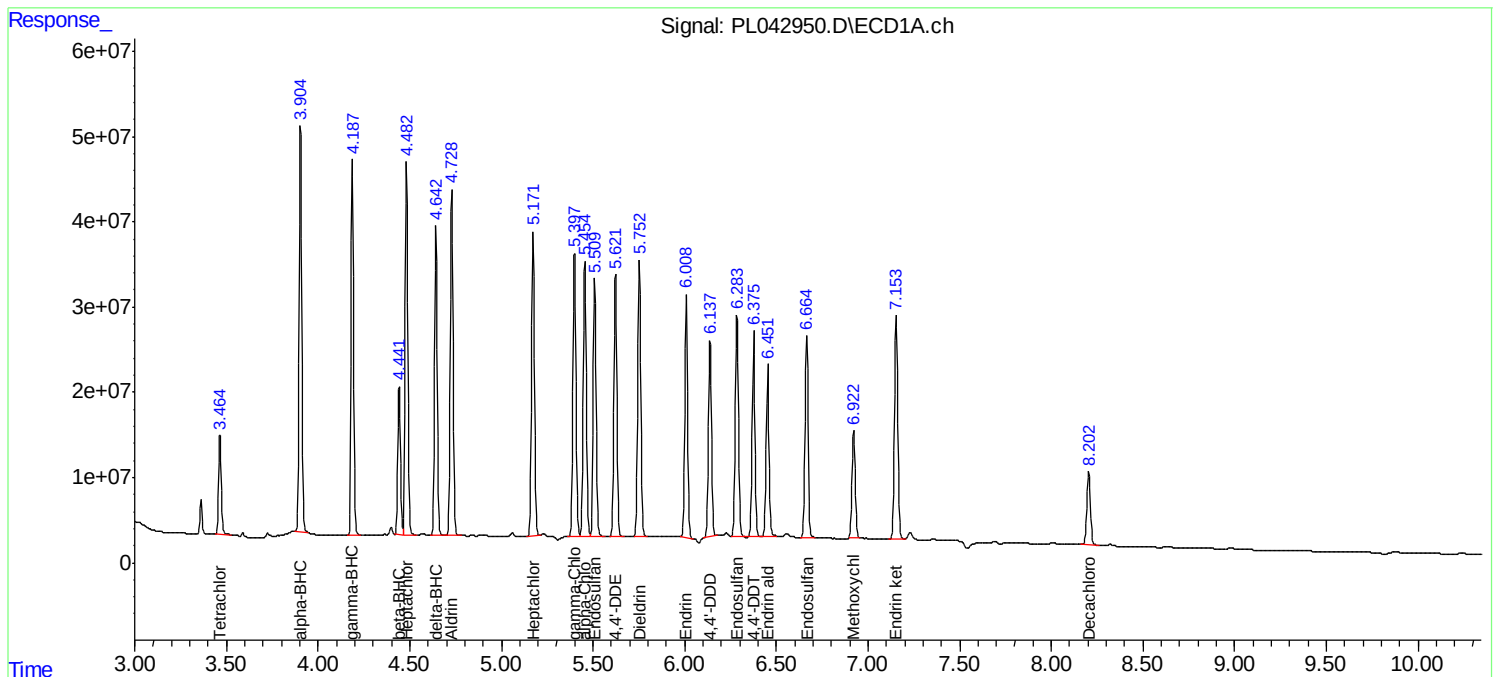
Instrument :  
ECD\_L  
ClientSampleId :  
PB115521BS

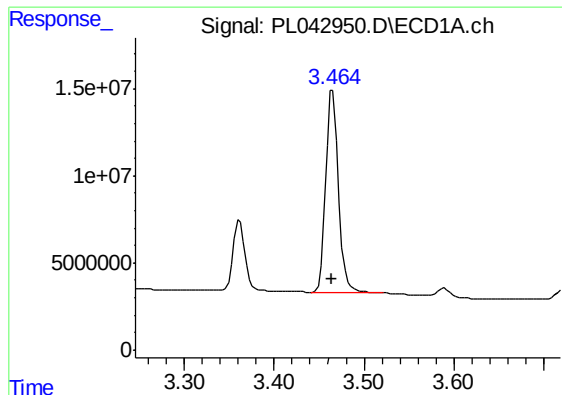
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 12 00:31:47 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL120618.M  
Quant Title : GC Extractables  
QLast Update : Fri Dec 07 00:20:08 2018  
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





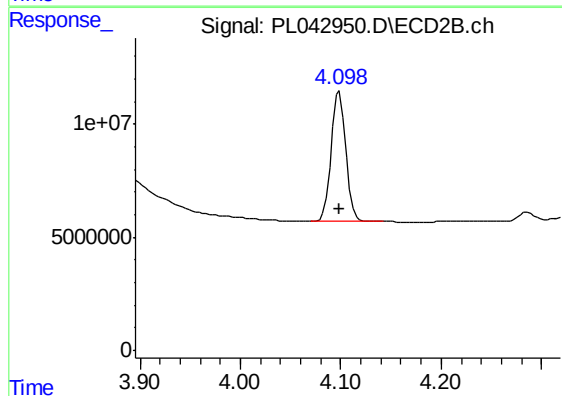
#1 Tetrachloro-m-xylene

R.T.: 3.465 min  
Delta R.T.: 0.001 min  
Response: 113877453  
Conc: 18.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB115521BS

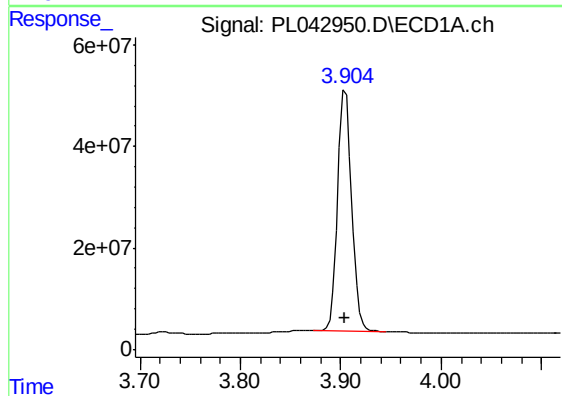
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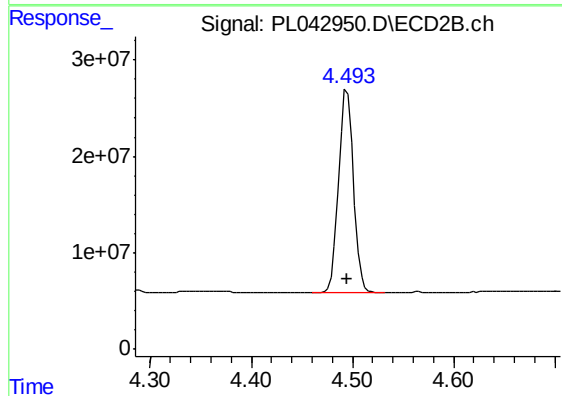
#1 Tetrachloro-m-xylene

R.T.: 4.099 min  
Delta R.T.: 0.000 min  
Response: 58778135  
Conc: 19.83 ng/ml



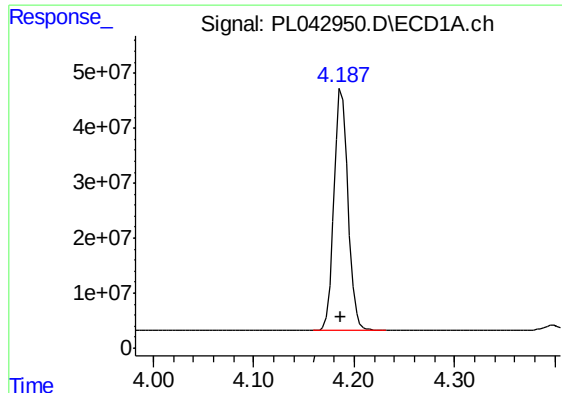
#2 alpha-BHC

R.T.: 3.905 min  
Delta R.T.: 0.000 min  
Response: 458319894  
Conc: 48.48 ng/ml



#2 alpha-BHC

R.T.: 4.495 min  
Delta R.T.: 0.000 min  
Response: 212924031  
Conc: 47.07 ng/ml



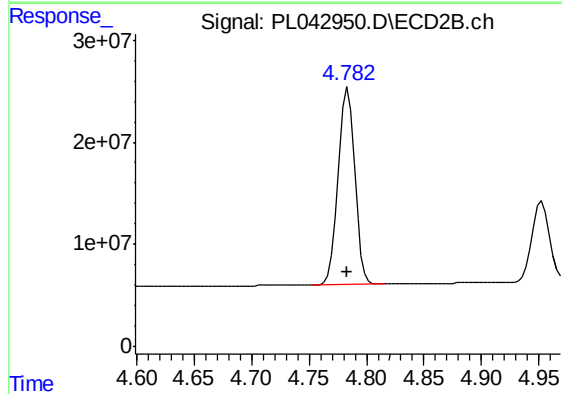
#3 gamma-BHC (Lindane)

R.T.: 4.188 min  
Delta R.T.: 0.000 min  
Response: 424570313  
Conc: 49.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB115521BS

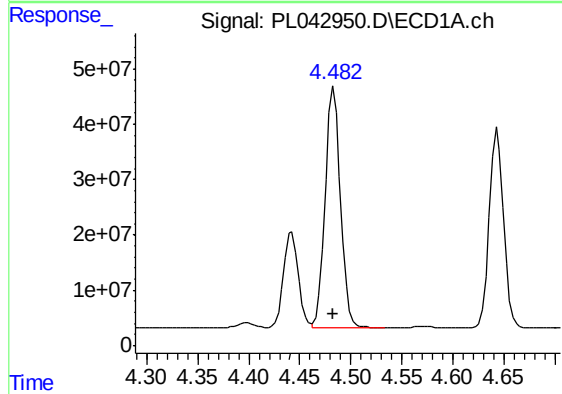
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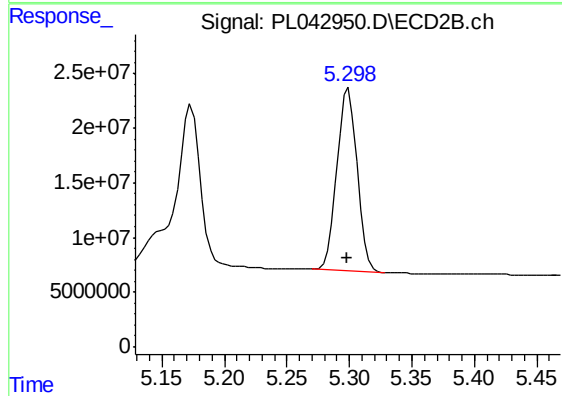
#3 gamma-BHC (Lindane)

R.T.: 4.783 min  
Delta R.T.: 0.000 min  
Response: 199020133  
Conc: 47.45 ng/ml



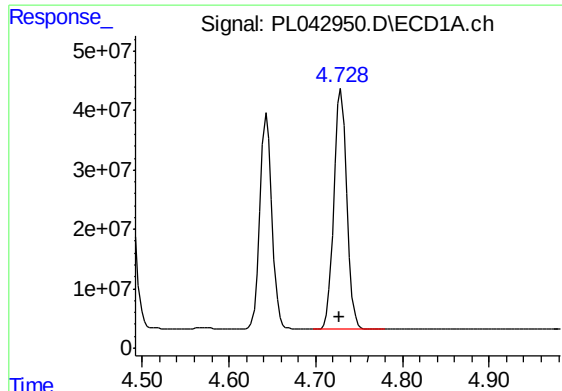
#4 Heptachlor

R.T.: 4.483 min  
Delta R.T.: 0.001 min  
Response: 451432534  
Conc: 50.88 ng/ml



#4 Heptachlor

R.T.: 5.299 min  
Delta R.T.: 0.001 min  
Response: 188607117  
Conc: 46.04 ng/ml



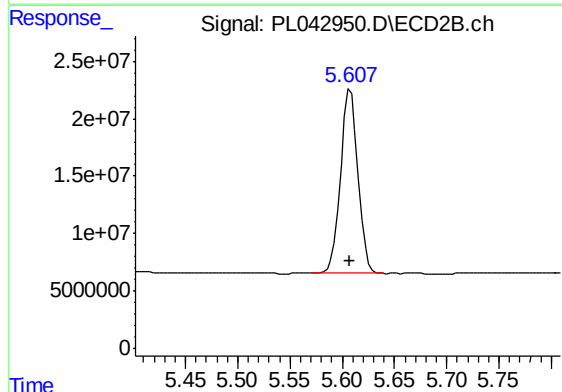
#5 Aldrin

R.T.: 4.729 min  
Delta R.T.: 0.001 min  
Response: 420506341  
Conc: 49.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB115521BS

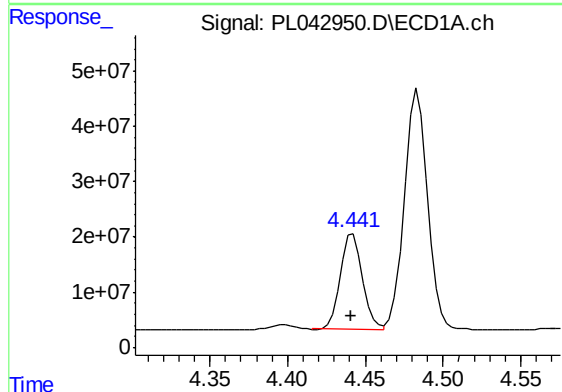
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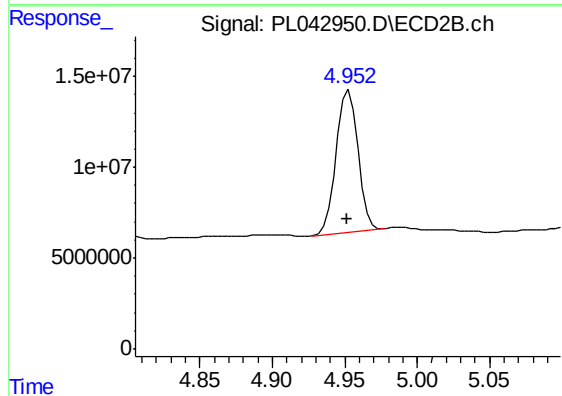
#5 Aldrin

R.T.: 5.608 min  
Delta R.T.: 0.001 min  
Response: 186698602  
Conc: 45.74 ng/ml



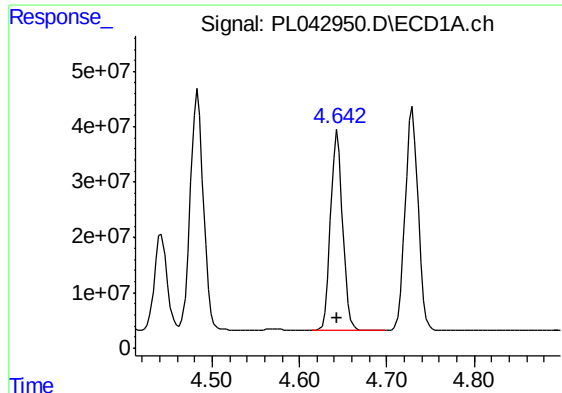
#6 beta-BHC

R.T.: 4.442 min  
Delta R.T.: 0.002 min  
Response: 172485155  
Conc: 46.76 ng/ml



#6 beta-BHC

R.T.: 4.953 min  
Delta R.T.: 0.001 min  
Response: 81236352  
Conc: 47.99 ng/ml



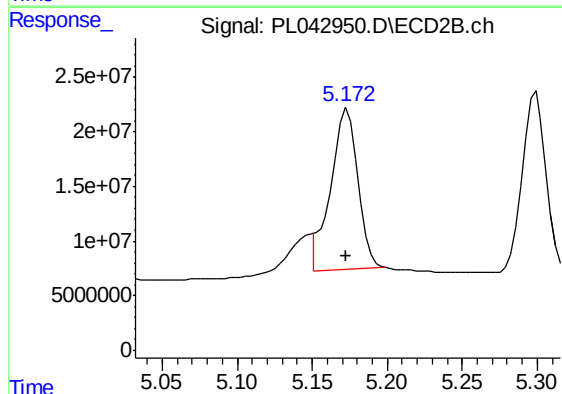
#7 delta-BHC

R.T.: 4.644 min  
Delta R.T.: 0.001 min  
Response: 349068976  
Conc: 43.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB115521BS

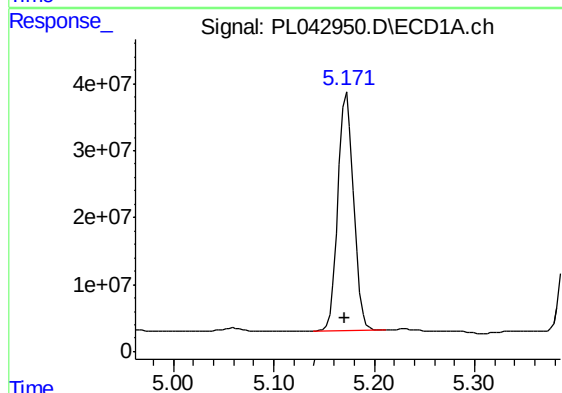
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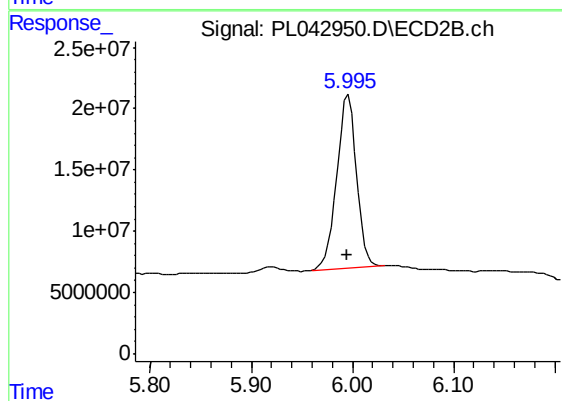
#7 delta-BHC

R.T.: 5.172 min  
Delta R.T.: 0.000 min  
Response: 184004052  
Conc: 42.82 ng/ml m



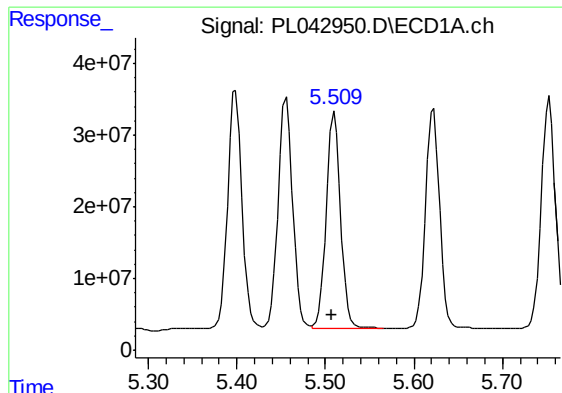
#8 Heptachlor epoxide

R.T.: 5.173 min  
Delta R.T.: 0.002 min  
Response: 382020865  
Conc: 48.19 ng/ml



#8 Heptachlor epoxide

R.T.: 5.996 min  
Delta R.T.: 0.001 min  
Response: 191072535  
Conc: 50.39 ng/ml



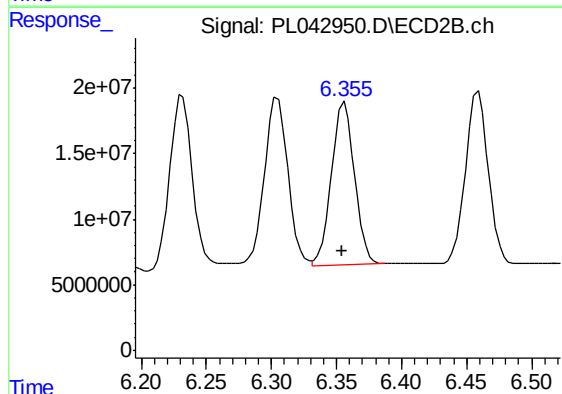
#9 Endosulfan I

R.T.: 5.510 min  
Delta R.T.: 0.002 min  
Response: 340301606  
Conc: 46.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB115521BS

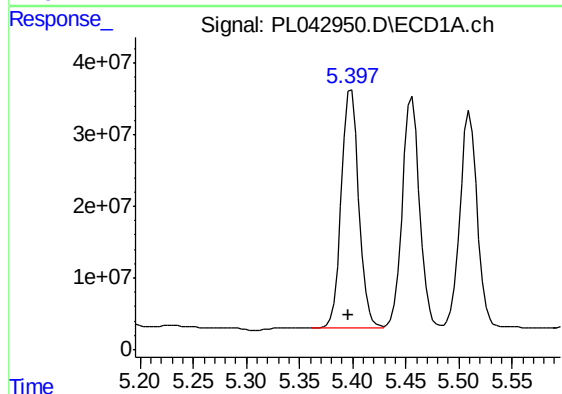
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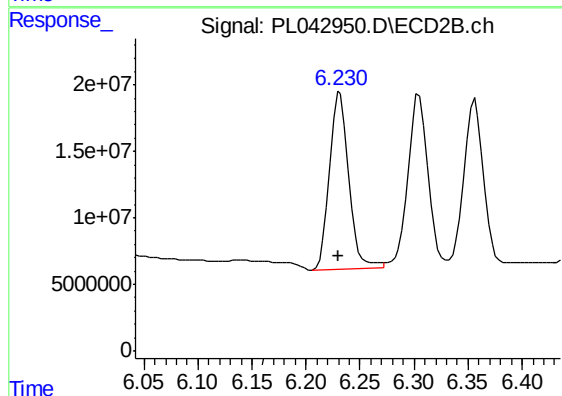
#9 Endosulfan I

R.T.: 6.356 min  
Delta R.T.: 0.002 min  
Response: 152165143  
Conc: 44.82 ng/ml



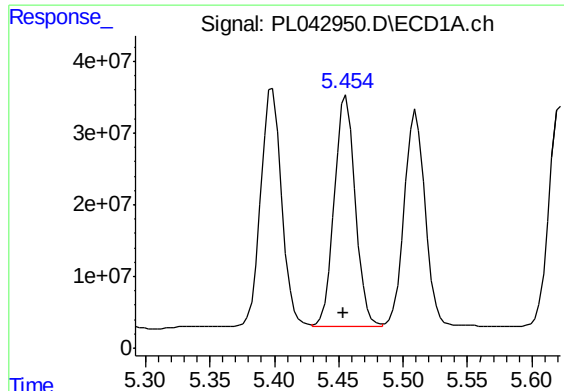
#10 gamma-Chlordane

R.T.: 5.399 min  
Delta R.T.: 0.002 min  
Response: 375100036  
Conc: 46.53 ng/ml



#10 gamma-Chlordane

R.T.: 6.231 min  
Delta R.T.: 0.002 min  
Response: 165775974  
Conc: 45.13 ng/ml



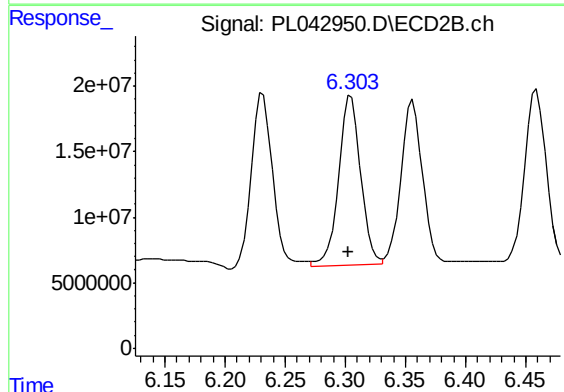
#11 alpha-Chlordane

R.T.: 5.456 min  
Delta R.T.: 0.002 min  
Response: 366128011  
Conc: 46.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB115521BS

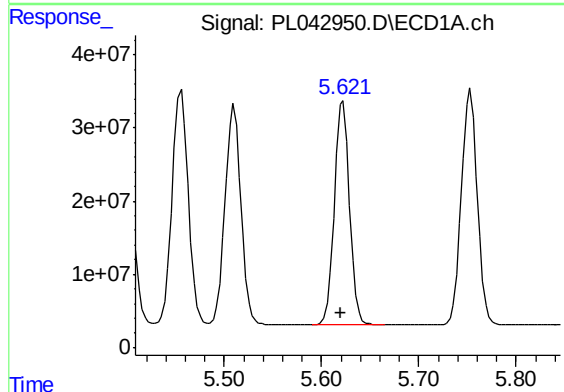
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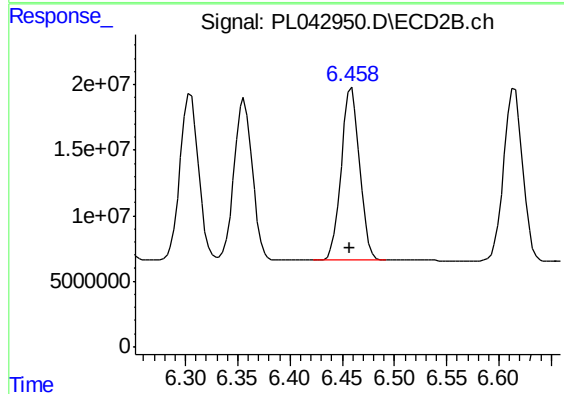
#11 alpha-Chlordane

R.T.: 6.305 min  
Delta R.T.: 0.002 min  
Response: 165692278  
Conc: 46.07 ng/ml



#12 4,4'-DDE

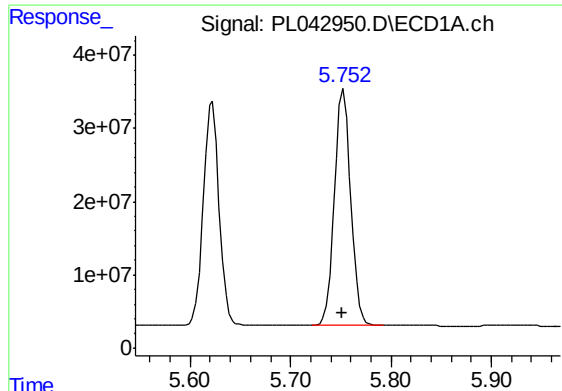
R.T.: 5.622 min  
Delta R.T.: 0.002 min  
Response: 334746498  
Conc: 48.35 ng/ml



#12 4,4'-DDE

R.T.: 6.459 min  
Delta R.T.: 0.002 min  
Response: 161591119  
Conc: 44.59 ng/ml





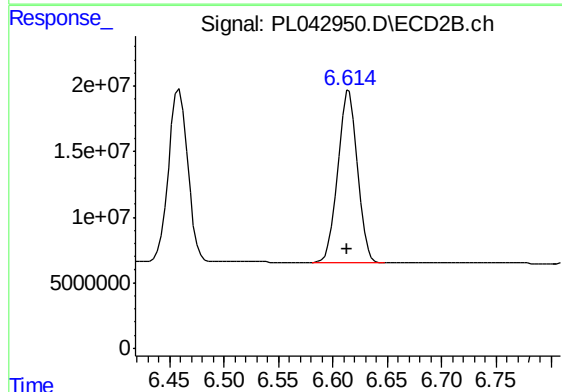
#13 Dielldrin

R.T.: 5.753 min  
Delta R.T.: 0.002 min  
Response: 362365192  
Conc: 46.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB115521BS

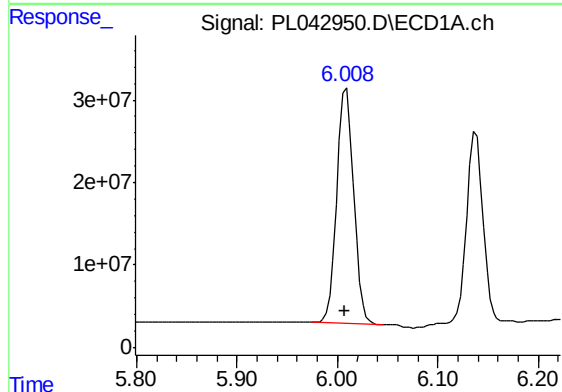
Manual Integrations  
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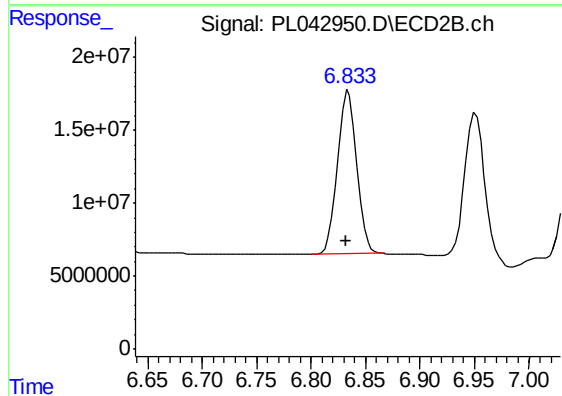
#13 Dielldrin

R.T.: 6.615 min  
Delta R.T.: 0.002 min  
Response: 164107109  
Conc: 45.26 ng/ml



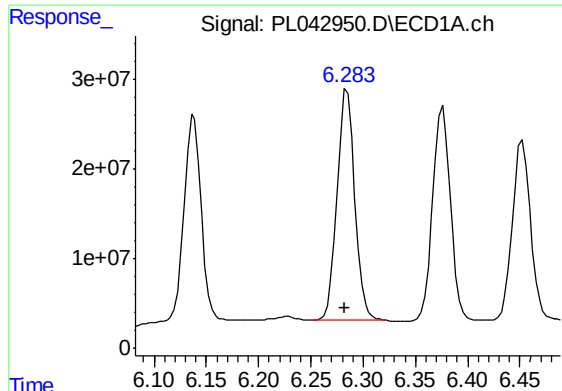
#14 Endrin

R.T.: 6.009 min  
Delta R.T.: 0.002 min  
Response: 332380059  
Conc: 46.16 ng/ml



#14 Endrin

R.T.: 6.834 min  
Delta R.T.: 0.002 min  
Response: 139062329  
Conc: 44.54 ng/ml



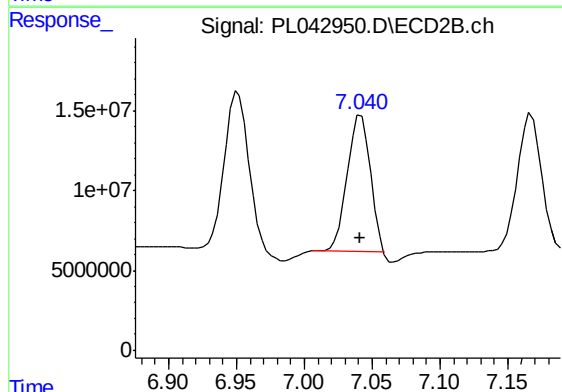
#15 Endosulfan II

R.T.: 6.285 min  
Delta R.T.: 0.002 min  
Response: 306510677  
Conc: 46.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB115521BS

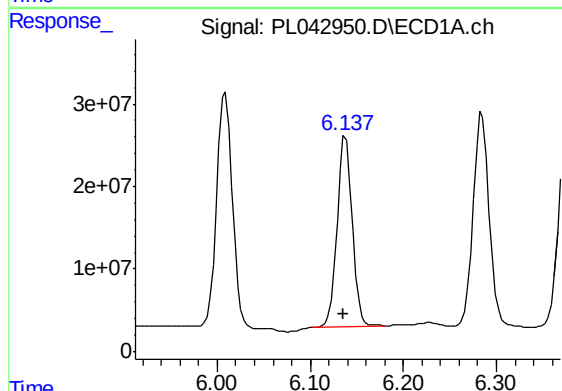
Manual Integrations  
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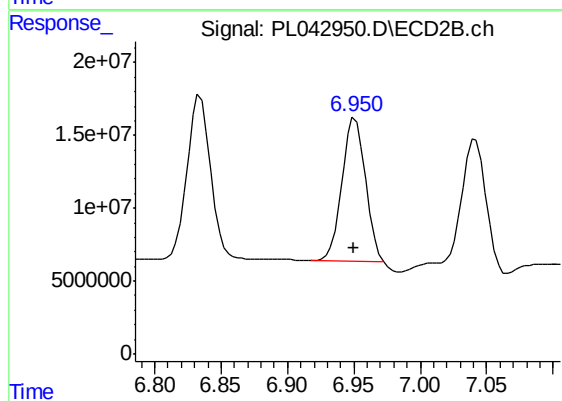
#15 Endosulfan II

R.T.: 7.040 min  
Delta R.T.: 0.000 min  
Response: 101693673  
Conc: 33.59 ng/ml m



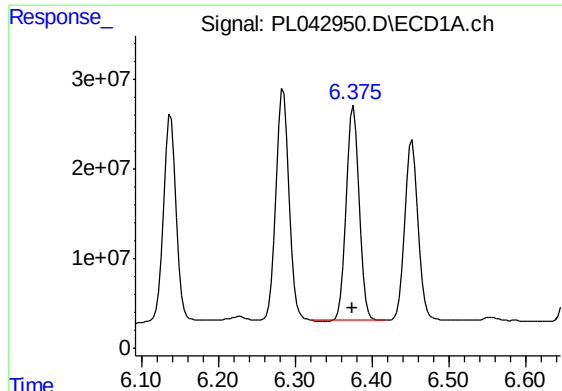
#16 4,4'-DDD

R.T.: 6.138 min  
Delta R.T.: 0.002 min  
Response: 261335466  
Conc: 46.08 ng/ml



#16 4,4'-DDD

R.T.: 6.950 min  
Delta R.T.: 0.000 min  
Response: 121862672  
Conc: 41.55 ng/ml m



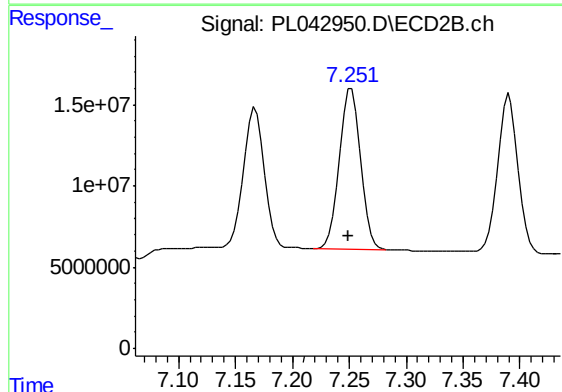
#17 4,4'-DDT

R.T.: 6.376 min  
Delta R.T.: 0.002 min  
Response: 281428624  
Conc: 47.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB115521BS

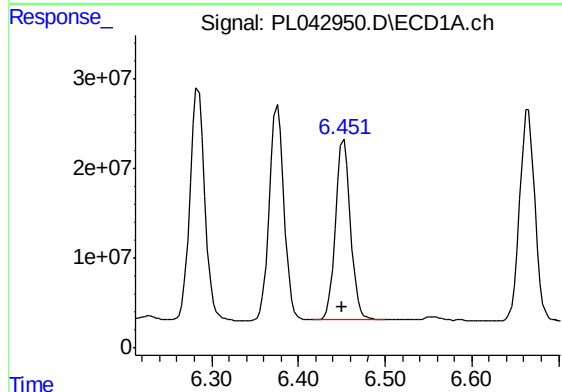
Manual Integrations  
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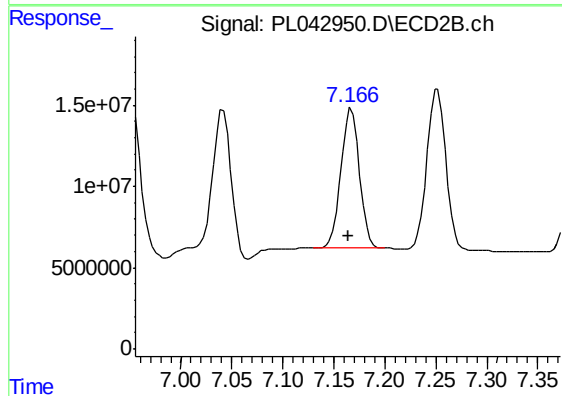
#17 4,4'-DDT

R.T.: 7.252 min  
Delta R.T.: 0.003 min  
Response: 126301778  
Conc: 43.00 ng/ml



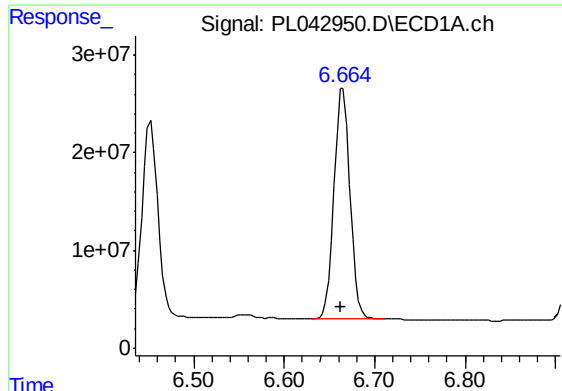
#18 Endrin aldehyde

R.T.: 6.452 min  
Delta R.T.: 0.002 min  
Response: 242427685  
Conc: 43.99 ng/ml



#18 Endrin aldehyde

R.T.: 7.166 min  
Delta R.T.: 0.001 min  
Response: 108746149  
Conc: 43.35 ng/ml m



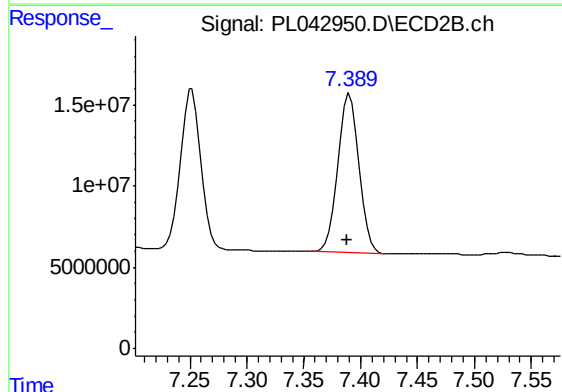
#19 Endosulfan Sulfate

R.T.: 6.665 min  
Delta R.T.: 0.003 min  
Response: 288004080  
Conc: 42.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB115521BS

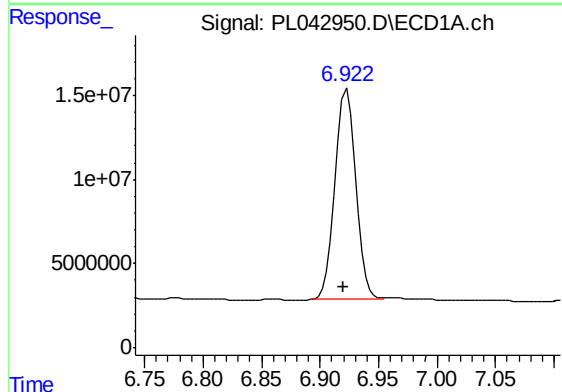
Manual Integrations  
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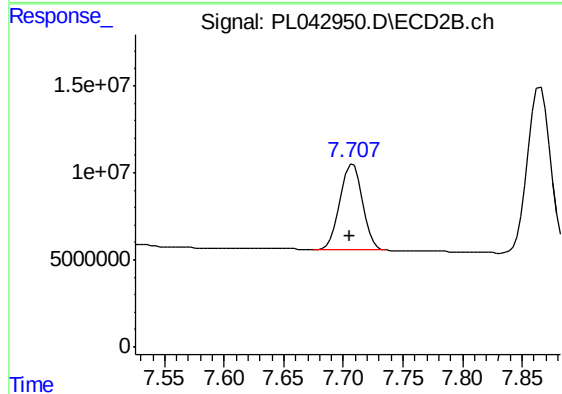
#19 Endosulfan Sulfate

R.T.: 7.391 min  
Delta R.T.: 0.002 min  
Response: 124261101  
Conc: 41.33 ng/ml



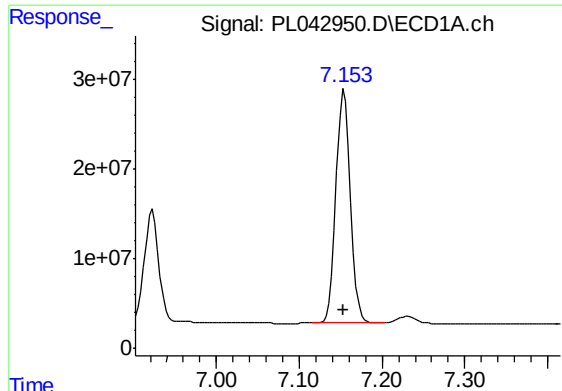
#20 Methoxychlor

R.T.: 6.923 min  
Delta R.T.: 0.003 min  
Response: 150011172  
Conc: 44.71 ng/ml



#20 Methoxychlor

R.T.: 7.708 min  
Delta R.T.: 0.003 min  
Response: 63881984  
Conc: 42.35 ng/ml



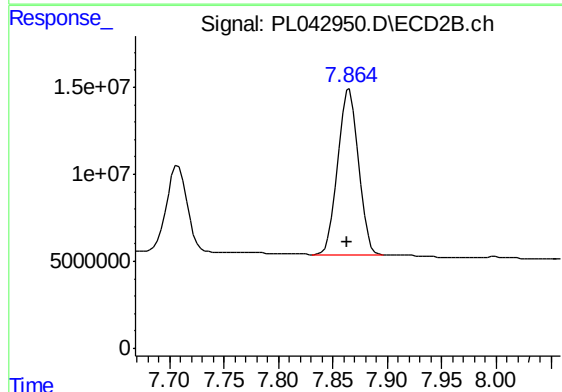
#21 Endrin ketone

R.T.: 7.154 min  
Delta R.T.: 0.002 min  
Response: 316093108  
Conc: 43.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB115521BS

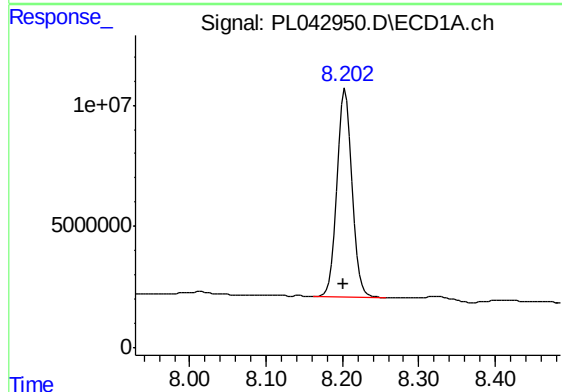
Manual Integrations  
APPROVED

Sohil  
12/12/2018 9:09:08 AM



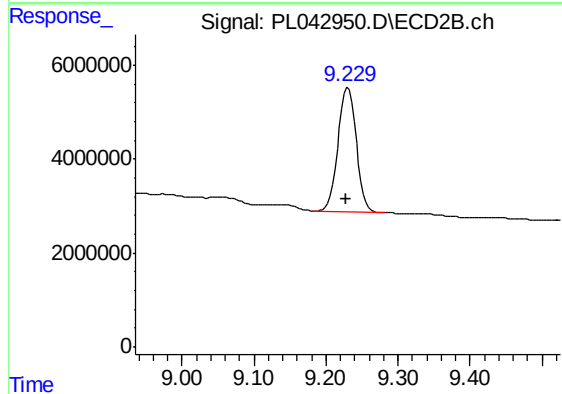
#21 Endrin ketone

R.T.: 7.865 min  
Delta R.T.: 0.003 min  
Response: 126365957  
Conc: 41.34 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.204 min  
Delta R.T.: 0.002 min  
Response: 116509470  
Conc: 17.84 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.231 min  
Delta R.T.: 0.004 min  
Response: 46739962  
Conc: 17.92 ng/ml