

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080318\  
 Data File : PL038889.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Aug 2018 16:52  
 Operator : AJ\SJ  
 Sample : PB111738BS  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB111738BS

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 04 00:06:42 2018  
 Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD\_L\methods\PL071318.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Jul 14 00:12:12 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... | 3.324 | 3.927 | 148.7E6 | 55379222 | 19.971  | 21.097  |
| 2)                          | SA Decachlor... | 7.990 | 8.933 | 152.6E6 | 54849123 | 20.114  | 22.438  |
| Target Compounds            |                 |       |       |         |          |         |         |
| 2)                          | A alpha-BHC     | 3.753 | 4.306 | 581.0E6 | 206.6E6  | 49.171  | 53.390  |
| 3)                          | MA gamma-BHC... | 4.028 | 4.585 | 523.9E6 | 186.6E6  | 49.969m | 51.665  |
| 4)                          | MA Heptachlor   | 4.312 | 5.095 | 530.2E6 | 186.9E6  | 49.844  | 58.460  |
| 5)                          | MB Aldrin       | 4.551 | 5.397 | 513.2E6 | 173.4E6  | 49.026  | 56.190  |
| 6)                          | B beta-BHC      | 4.284 | 4.748 | 228.9E6 | 85027828 | 48.485  | 56.054  |
| 7)                          | B delta-BHC     | 4.477 | 4.960 | 549.0E6 | 183.6E6  | 50.575  | 55.373m |
| 8)                          | B Heptachlo...  | 4.986 | 5.777 | 477.8E6 | 154.3E6  | 50.678m | 54.305  |
| 9)                          | A Endosulfan I  | 5.318 | 6.130 | 452.5E6 | 140.7E6  | 52.311  | 54.700  |
| 10)                         | B gamma-Chl...  | 5.210 | 6.010 | 504.0E6 | 155.3E6  | 50.994  | 53.566  |
| 11)                         | B alpha-Chl...  | 5.266 | 6.083 | 487.4E6 | 155.2E6  | 51.493  | 54.160  |
| 12)                         | B 4,4'-DDE      | 5.433 | 6.239 | 485.8E6 | 148.0E6  | 50.670m | 55.357  |
| 13)                         | MA Dieldrin     | 5.557 | 6.382 | 496.2E6 | 146.5E6  | 51.629  | 53.836m |
| 14)                         | MA Endrin       | 5.810 | 6.598 | 456.1E6 | 132.3E6  | 52.493  | 55.385  |
| 15)                         | B Endosulfa...  | 6.084 | 6.801 | 429.8E6 | 127.5E6  | 54.195m | 53.114  |
| 16)                         | A 4,4'-DDD      | 5.945 | 6.721 | 397.3E6 | 108.9E6  | 54.166  | 50.893  |
| 17)                         | MA 4,4'-DDT     | 6.179 | 7.020 | 400.1E6 | 114.6E6  | 53.863  | 53.752  |
| 18)                         | B Endrin al...  | 6.253 | 6.924 | 338.3E6 | 107.5E6  | 53.135  | 55.067  |
| 19)                         | B Endosulfa...  | 6.464 | 7.146 | 410.2E6 | 119.5E6  | 54.313  | 54.842  |
| 20)                         | A Methoxychlor  | 6.727 | 7.476 | 217.6E6 | 64634815 | 56.563  | 56.764  |
| 21)                         | B Endrin ke...  | 6.946 | 7.610 | 426.1E6 | 125.1E6  | 54.308  | 52.492  |
| -----                       |                 |       |       |         |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080318\  
Data File : PL038889.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Aug 2018 16:52  
Operator : AJ\SJ  
Sample : PB111738BS  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

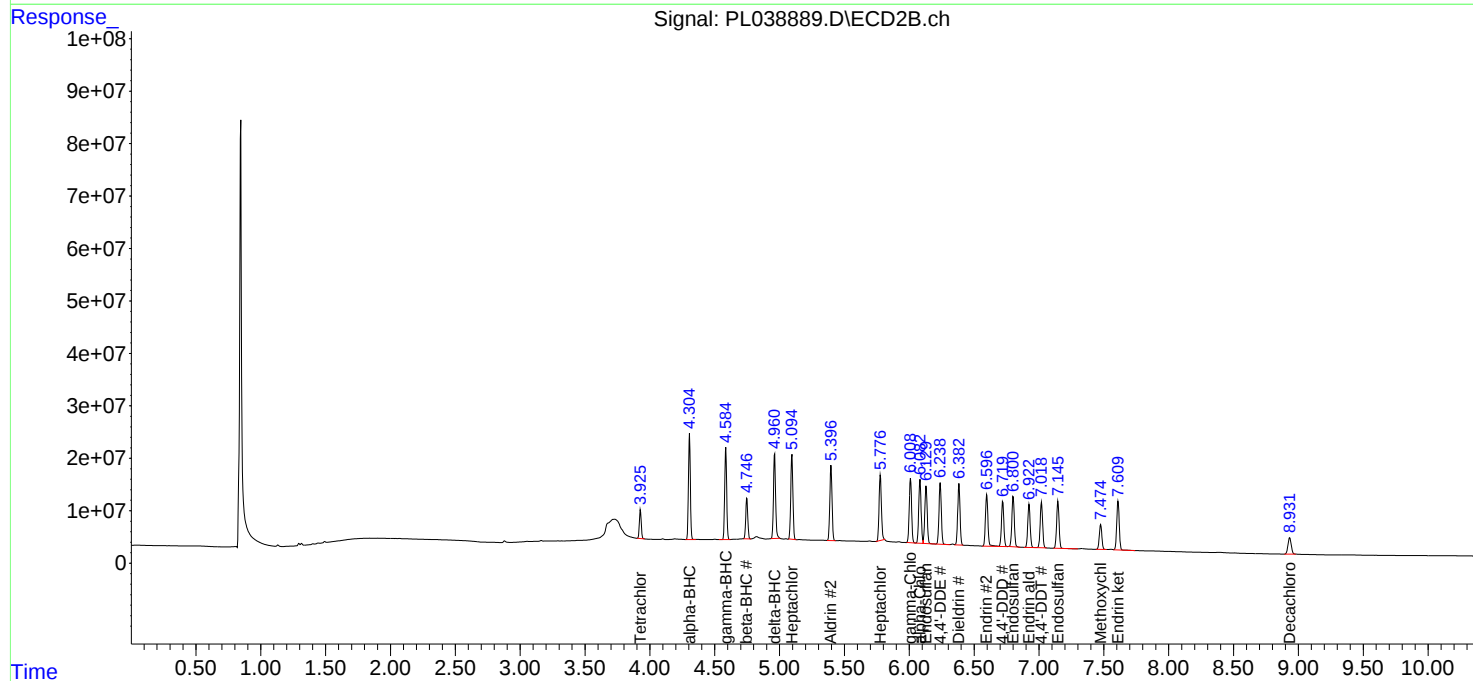
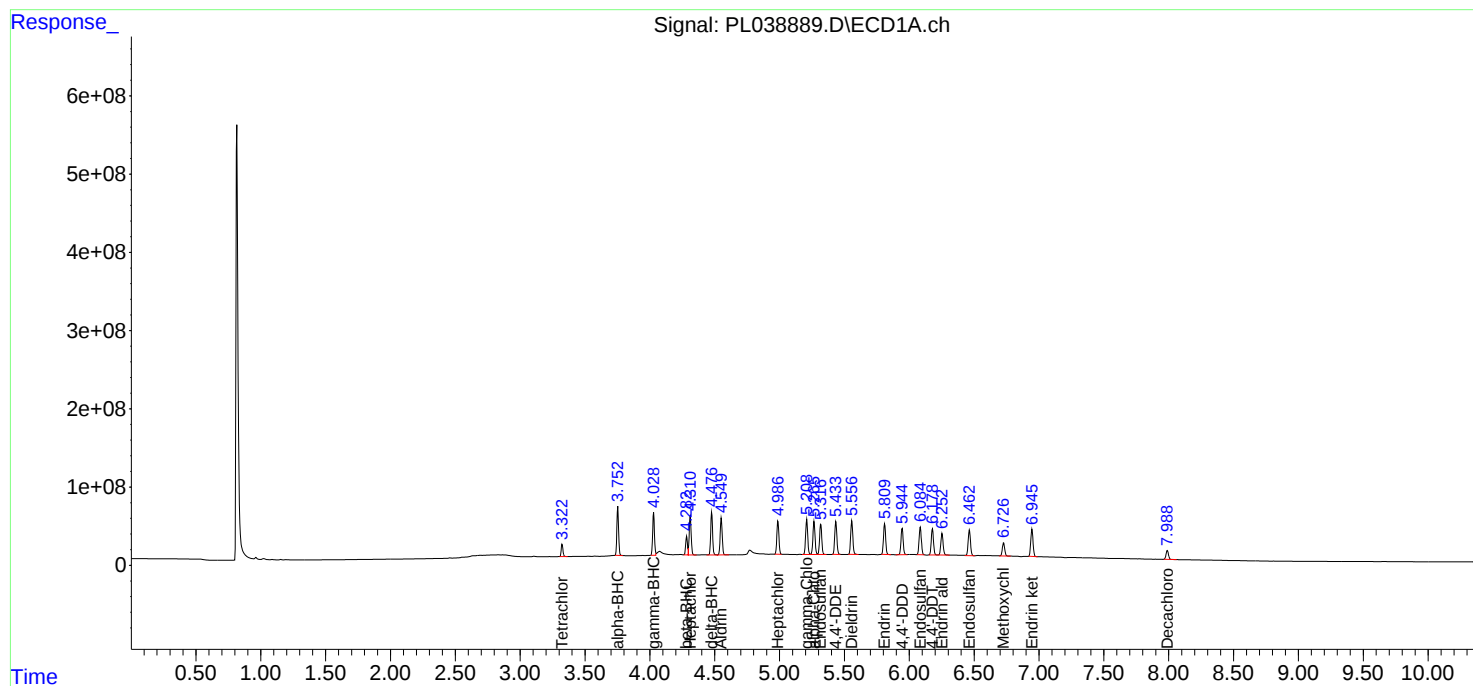
Instrument :  
ECD\_L  
ClientSampled :  
PB111738BS

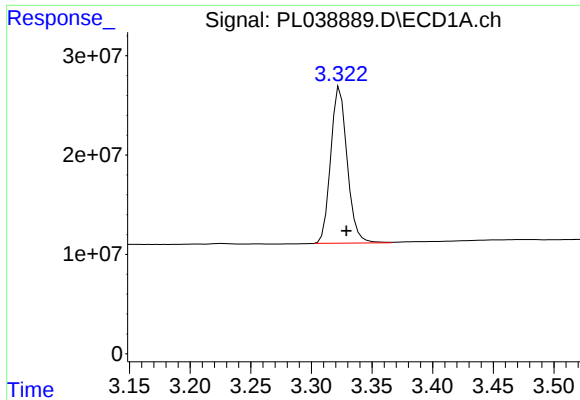
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 04 00:06:42 2018  
Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD\_L\methods\PL071318.M  
Quant Title : GC Extractables  
QLast Update : Sat Jul 14 00:12:12 2018  
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





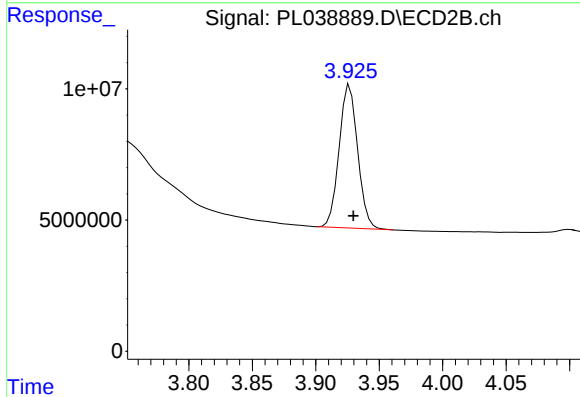
#1 Tetrachloro-m-xylene

R.T.: 3.324 min  
Delta R.T.: -0.005 min  
Response: 148709538  
Conc: 19.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB111738BS

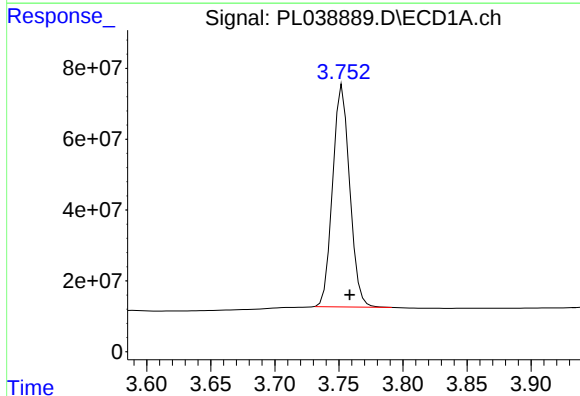
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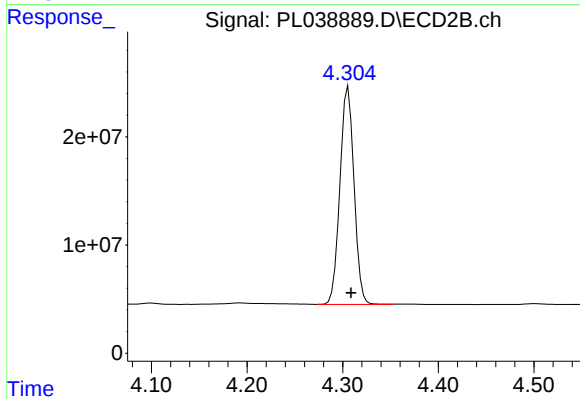
#1 Tetrachloro-m-xylene

R.T.: 3.927 min  
Delta R.T.: -0.003 min  
Response: 55379222  
Conc: 21.10 ng/ml



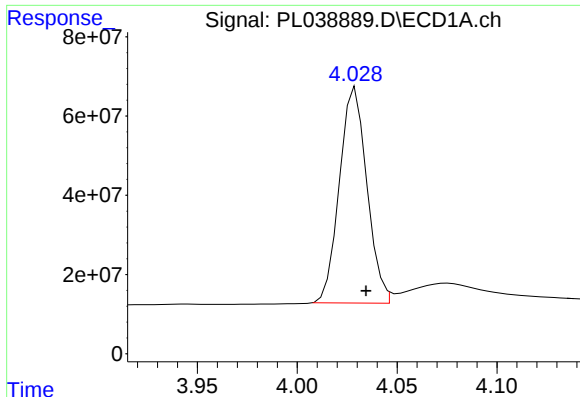
#2 alpha-BHC

R.T.: 3.753 min  
Delta R.T.: -0.005 min  
Response: 580970025  
Conc: 49.17 ng/ml



#2 alpha-BHC

R.T.: 4.306 min  
Delta R.T.: -0.003 min  
Response: 206625606  
Conc: 53.39 ng/ml



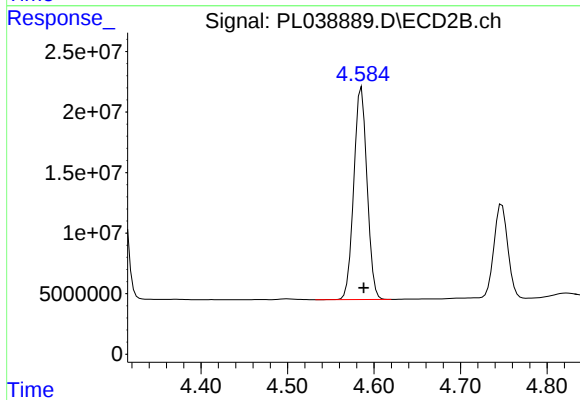
#3 gamma-BHC (Lindane)

R.T.: 4.028 min  
Delta R.T.: -0.007 min  
Response: 523866144  
Conc: 49.97 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PB111738BS

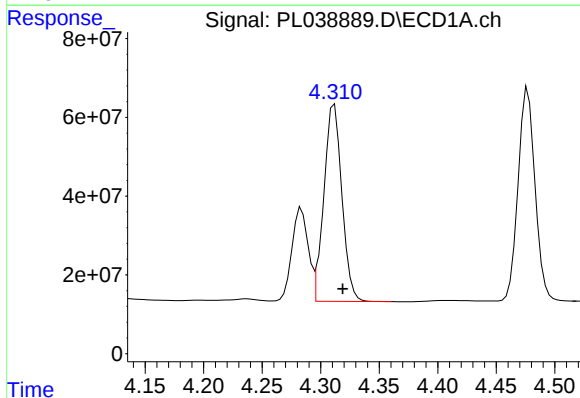
Manual Integrations  
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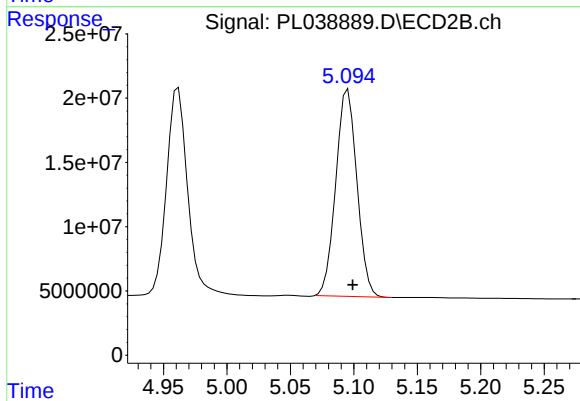
#3 gamma-BHC (Lindane)

R.T.: 4.585 min  
Delta R.T.: -0.003 min  
Response: 186602955  
Conc: 51.66 ng/ml



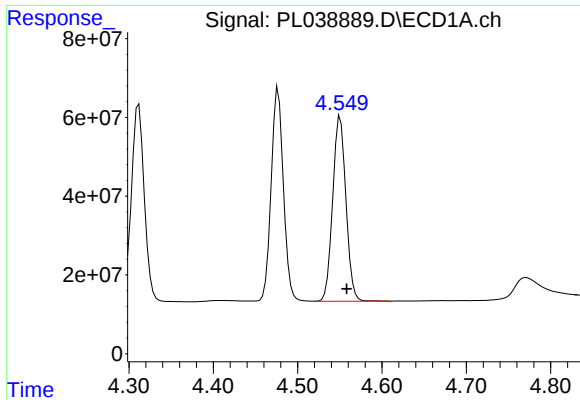
#4 Heptachlor

R.T.: 4.312 min  
Delta R.T.: -0.007 min  
Response: 530212423  
Conc: 49.84 ng/ml



#4 Heptachlor

R.T.: 5.095 min  
Delta R.T.: -0.004 min  
Response: 186852825  
Conc: 58.46 ng/ml



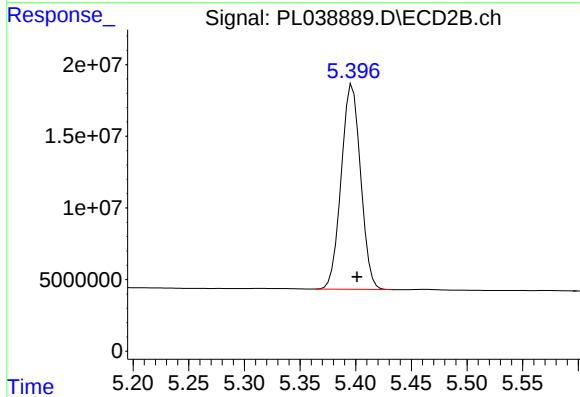
#5 Aldrin

R.T.: 4.551 min  
Delta R.T.: -0.008 min  
Response: 513174705  
Conc: 49.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB111738BS

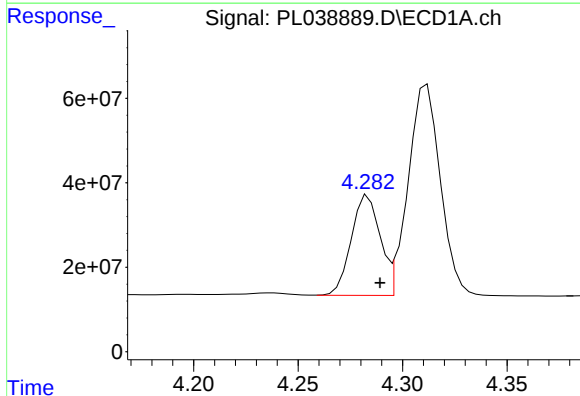
Manual Integrations  
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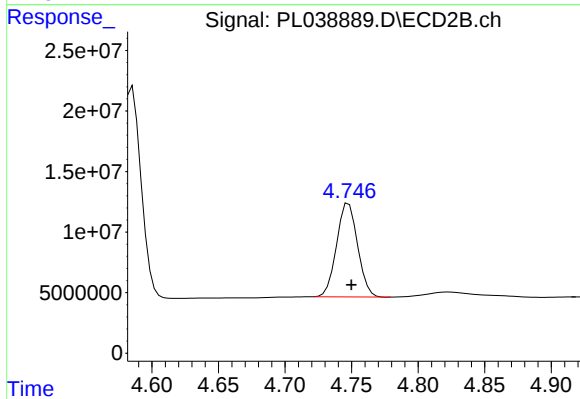
#5 Aldrin

R.T.: 5.397 min  
Delta R.T.: -0.004 min  
Response: 173414494  
Conc: 56.19 ng/ml



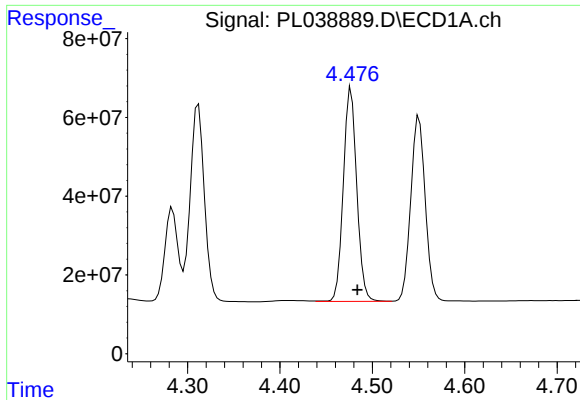
#6 beta-BHC

R.T.: 4.284 min  
Delta R.T.: -0.006 min  
Response: 228864474  
Conc: 48.48 ng/ml



#6 beta-BHC

R.T.: 4.748 min  
Delta R.T.: -0.002 min  
Response: 85027828  
Conc: 56.05 ng/ml



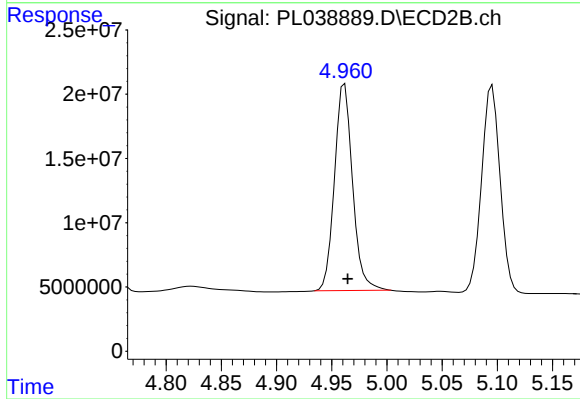
#7 delta-BHC

R.T.: 4.477 min  
Delta R.T.: -0.007 min  
Response: 548952147  
Conc: 50.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB111738BS

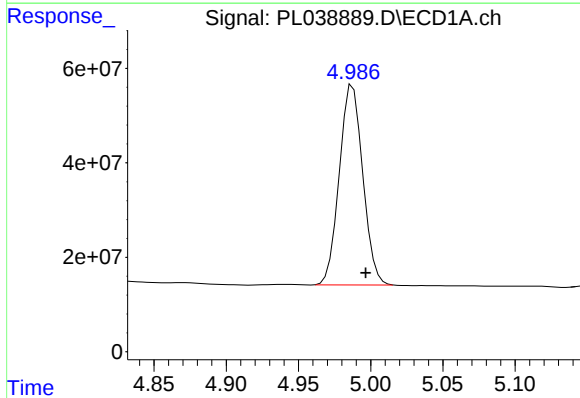
Manual Integrations  
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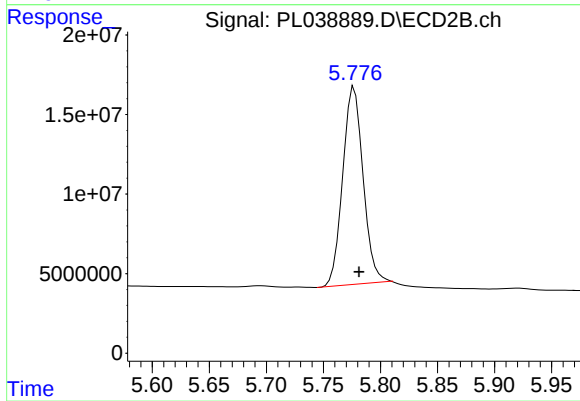
#7 delta-BHC

R.T.: 4.960 min  
Delta R.T.: -0.004 min  
Response: 183649464  
Conc: 55.37 ng/ml m



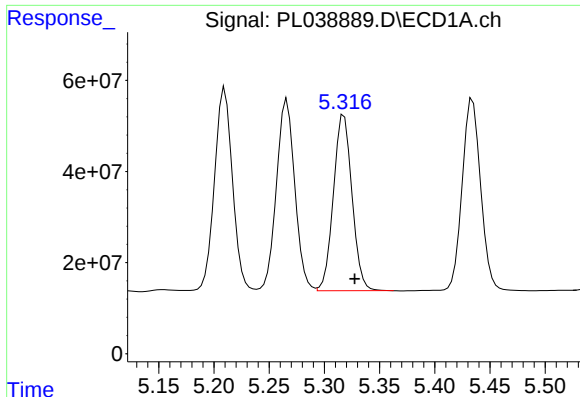
#8 Heptachlor epoxide

R.T.: 4.986 min  
Delta R.T.: -0.011 min  
Response: 477817470  
Conc: 50.68 ng/ml m



#8 Heptachlor epoxide

R.T.: 5.777 min  
Delta R.T.: -0.004 min  
Response: 154330066  
Conc: 54.31 ng/ml



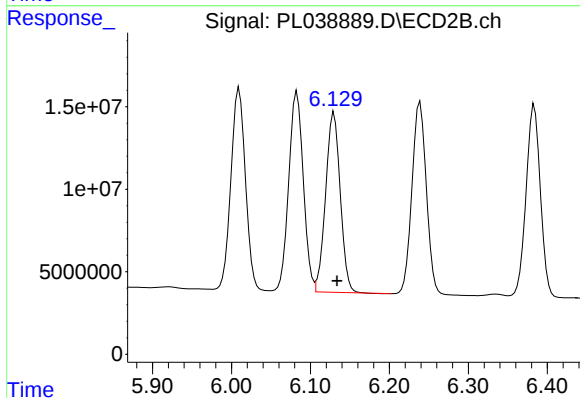
#9 Endosulfan I

R.T.: 5.318 min  
Delta R.T.: -0.010 min  
Response: 452474762  
Conc: 52.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB111738BS

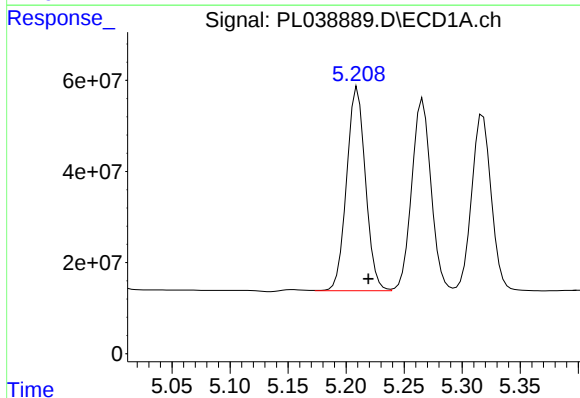
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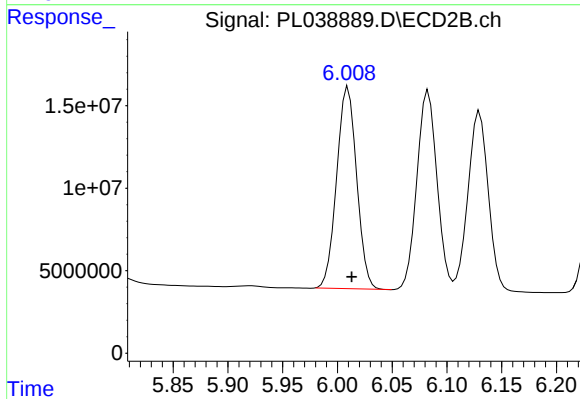
#9 Endosulfan I

R.T.: 6.130 min  
Delta R.T.: -0.004 min  
Response: 140675749  
Conc: 54.70 ng/ml



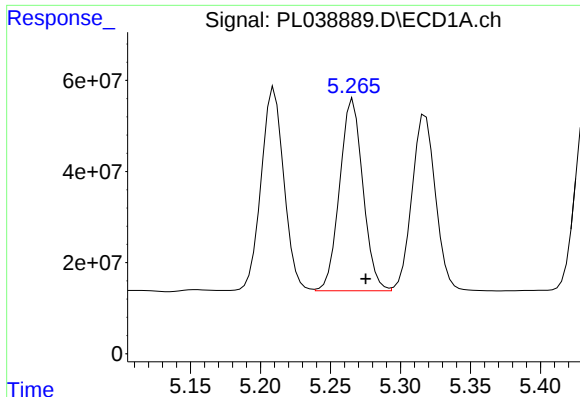
#10 gamma-Chlordane

R.T.: 5.210 min  
Delta R.T.: -0.009 min  
Response: 504019463  
Conc: 50.99 ng/ml



#10 gamma-Chlordane

R.T.: 6.010 min  
Delta R.T.: -0.003 min  
Response: 155298923  
Conc: 53.57 ng/ml



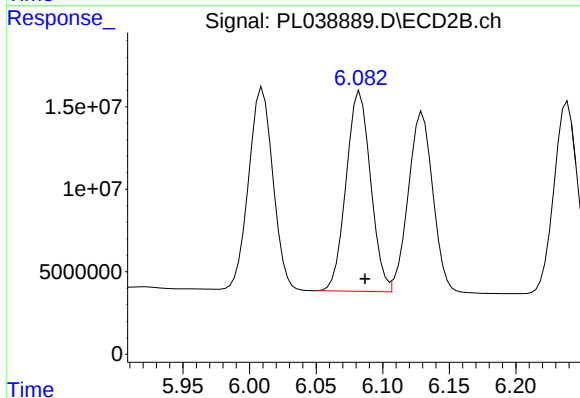
#11 alpha-Chlordane

R.T.: 5.266 min  
Delta R.T.: -0.009 min  
Response: 487425388  
Conc: 51.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB111738BS

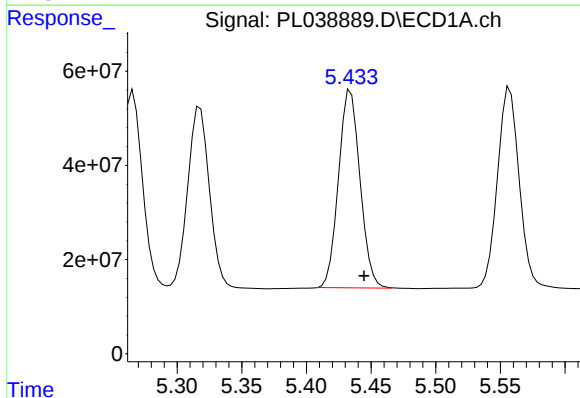
Manual Integrations  
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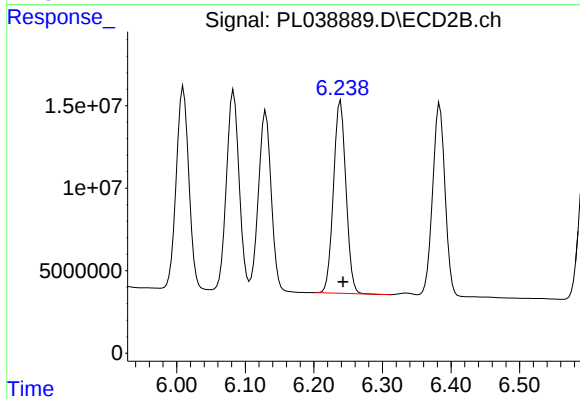
#11 alpha-Chlordane

R.T.: 6.083 min  
Delta R.T.: -0.004 min  
Response: 155234639  
Conc: 54.16 ng/ml



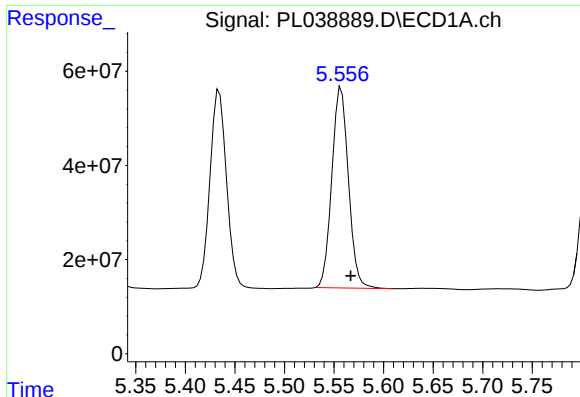
#12 4,4'-DDE

R.T.: 5.433 min  
Delta R.T.: -0.012 min  
Response: 485814330  
Conc: 50.67 ng/ml m



#12 4,4'-DDE

R.T.: 6.239 min  
Delta R.T.: -0.004 min  
Response: 148028236  
Conc: 55.36 ng/ml



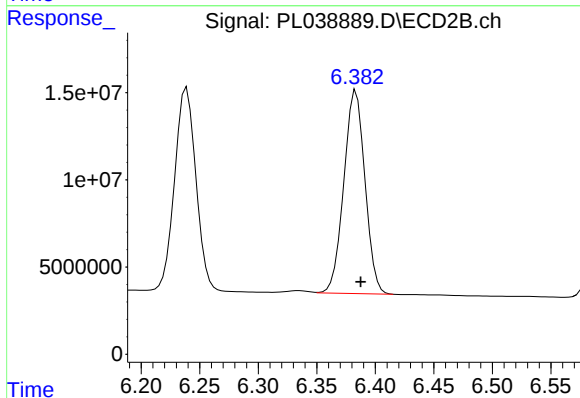
#13 Dieldrin

R.T.: 5.557 min  
Delta R.T.: -0.010 min  
Response: 496164457  
Conc: 51.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB111738BS

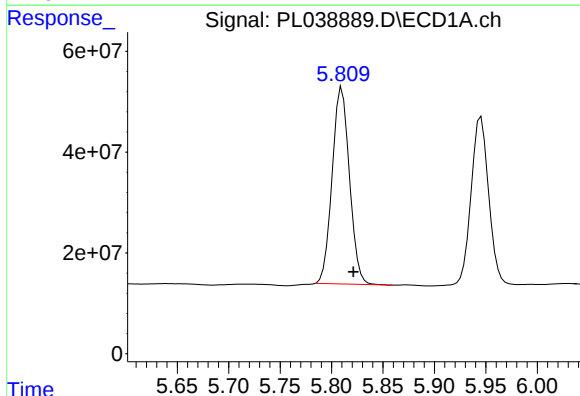
Manual Integrations  
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8/4/2018 10:52:41 AM



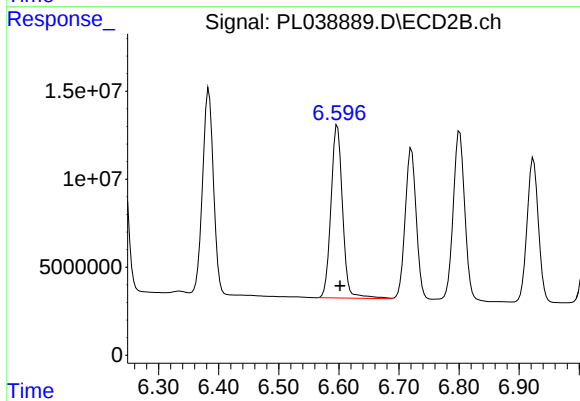
#13 Dieldrin

R.T.: 6.382 min  
Delta R.T.: -0.005 min  
Response: 146529047  
Conc: 53.84 ng/ml m



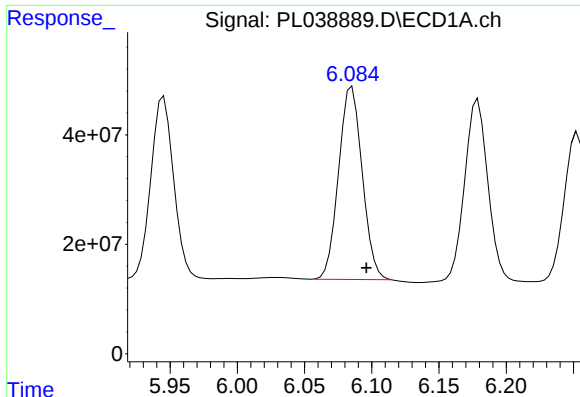
#14 Endrin

R.T.: 5.810 min  
Delta R.T.: -0.011 min  
Response: 456083925  
Conc: 52.49 ng/ml



#14 Endrin

R.T.: 6.598 min  
Delta R.T.: -0.004 min  
Response: 132266375  
Conc: 55.38 ng/ml



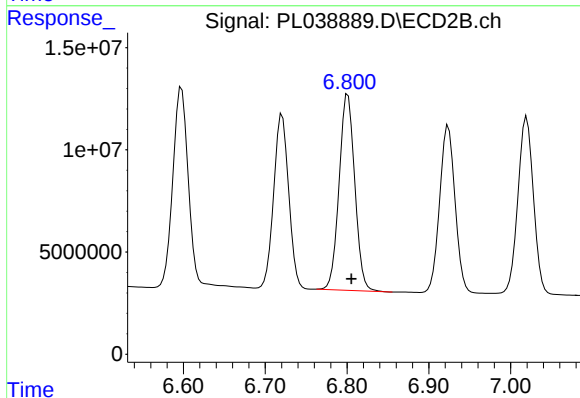
#15 Endosulfan II

R.T.: 6.084 min  
Delta R.T.: -0.012 min  
Response: 429775132  
Conc: 54.20 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PB111738BS

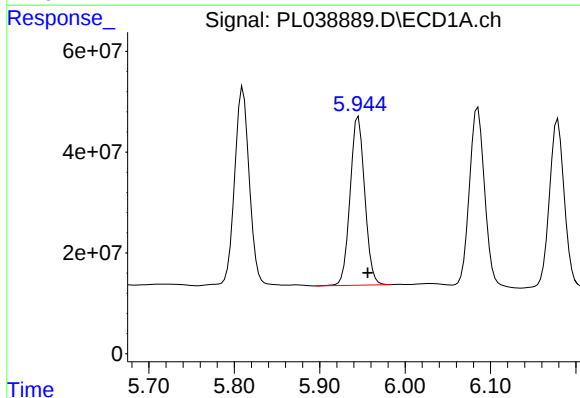
Manual Integrations  
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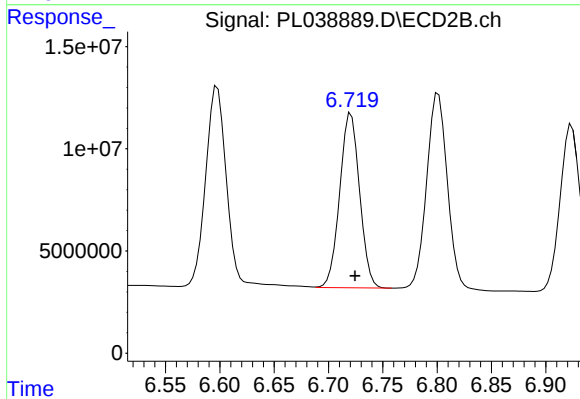
#15 Endosulfan II

R.T.: 6.801 min  
Delta R.T.: -0.004 min  
Response: 127548944  
Conc: 53.11 ng/ml



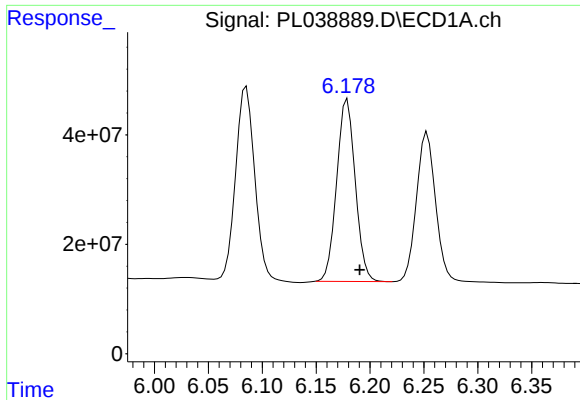
#16 4,4'-DDD

R.T.: 5.945 min  
Delta R.T.: -0.011 min  
Response: 397341678  
Conc: 54.17 ng/ml



#16 4,4'-DDD

R.T.: 6.721 min  
Delta R.T.: -0.004 min  
Response: 108931571  
Conc: 50.89 ng/ml



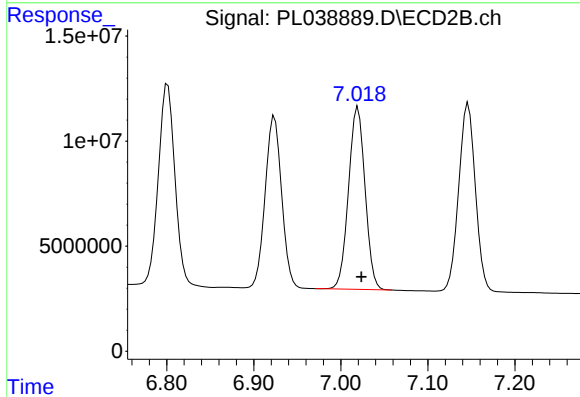
#17 4,4'-DDT

R.T.: 6.179 min  
Delta R.T.: -0.011 min  
Response: 400131979  
Conc: 53.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB111738BS

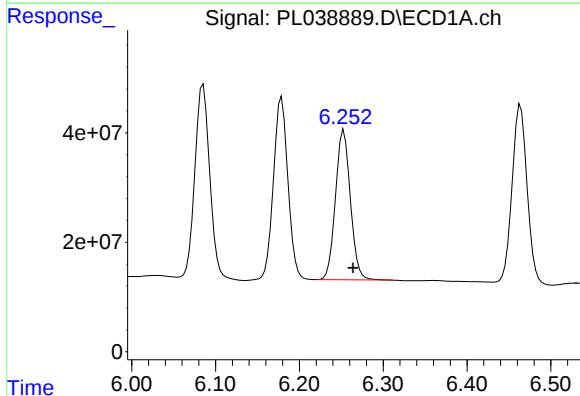
Manual Integrations  
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Sohil  
8/4/2018 10:52:41 AM



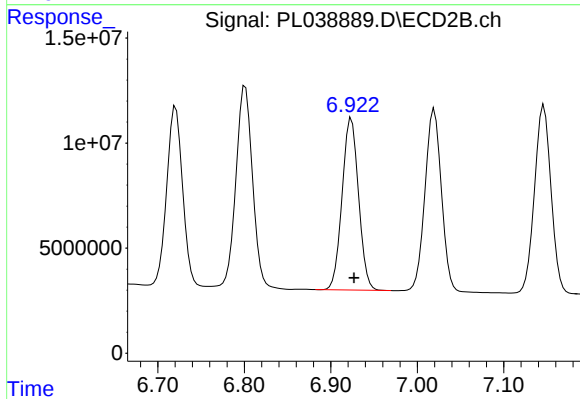
#17 4,4'-DDT

R.T.: 7.020 min  
Delta R.T.: -0.004 min  
Response: 114601906  
Conc: 53.75 ng/ml



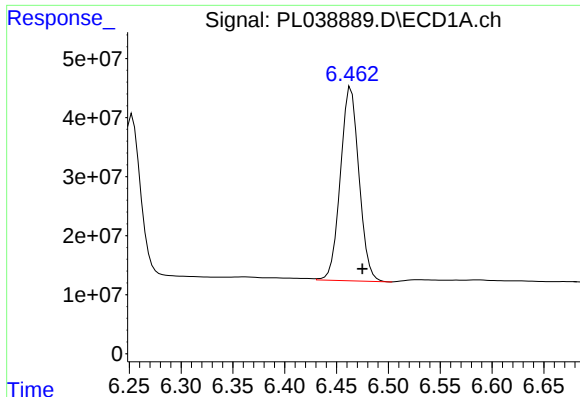
#18 Endrin aldehyde

R.T.: 6.253 min  
Delta R.T.: -0.011 min  
Response: 338342104  
Conc: 53.13 ng/ml



#18 Endrin aldehyde

R.T.: 6.924 min  
Delta R.T.: -0.003 min  
Response: 107456497  
Conc: 55.07 ng/ml



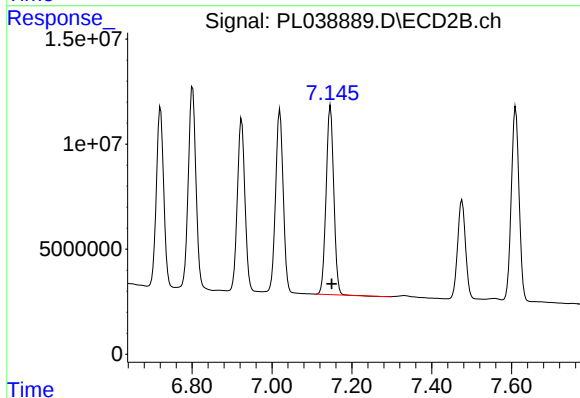
#19 Endosulfan Sulfate

R.T.: 6.464 min  
Delta R.T.: -0.011 min  
Response: 410245949  
Conc: 54.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB111738BS

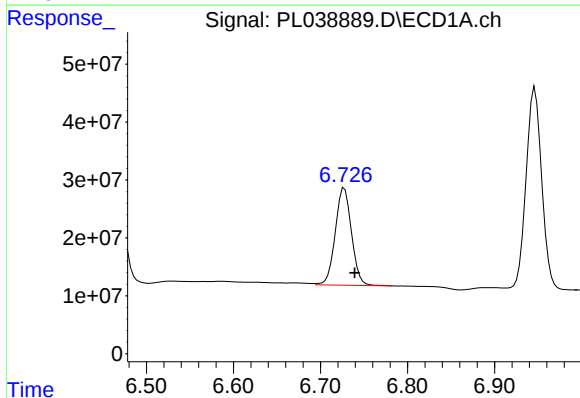
Manual Integrations  
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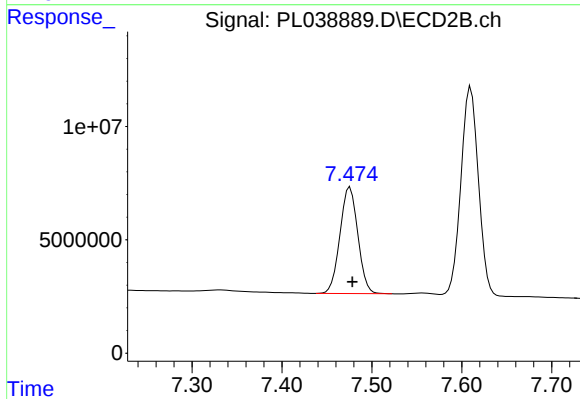
#19 Endosulfan Sulfate

R.T.: 7.146 min  
Delta R.T.: -0.003 min  
Response: 119543717  
Conc: 54.84 ng/ml



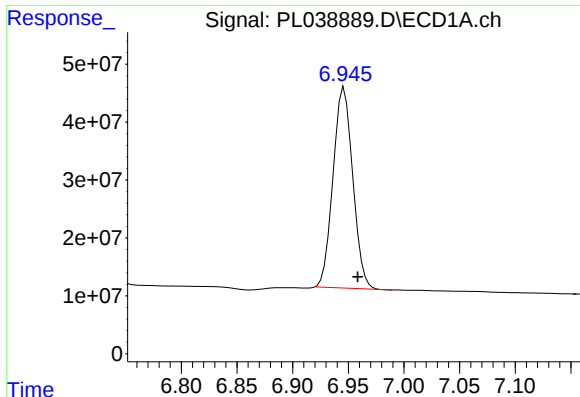
#20 Methoxychlor

R.T.: 6.727 min  
Delta R.T.: -0.012 min  
Response: 217626611  
Conc: 56.56 ng/ml



#20 Methoxychlor

R.T.: 7.476 min  
Delta R.T.: -0.003 min  
Response: 64634815  
Conc: 56.76 ng/ml



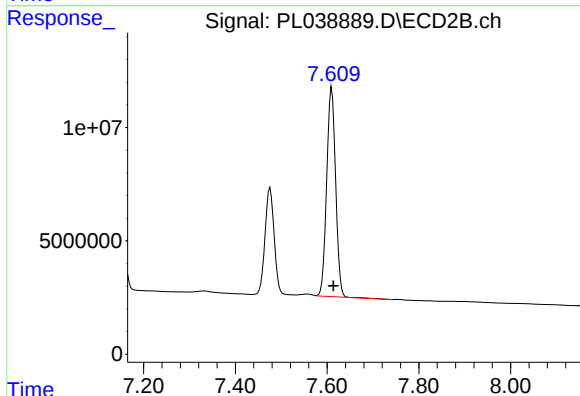
#21 Endrin ketone

R.T.: 6.946 min  
Delta R.T.: -0.012 min  
Response: 426096900  
Conc: 54.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB111738BS

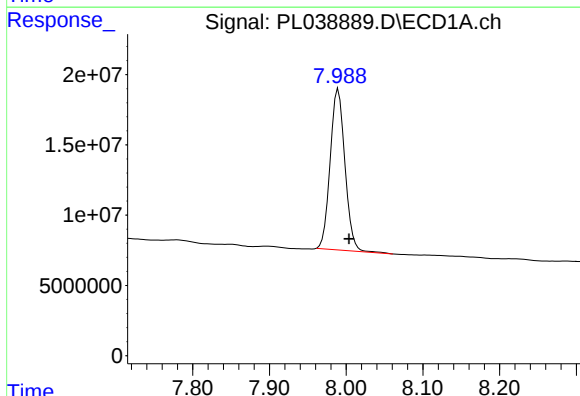
Manual Integrations  
APPROVED

Sohil  
8/4/2018 10:52:41 AM



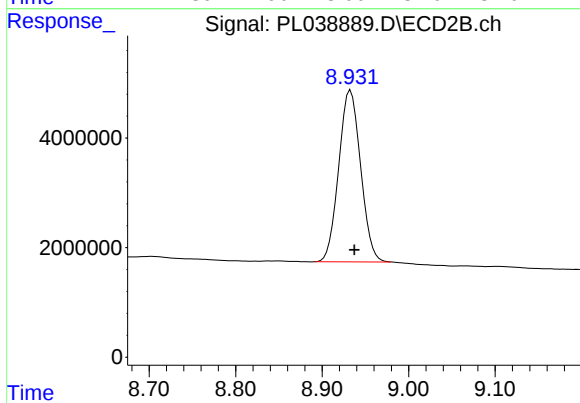
#21 Endrin ketone

R.T.: 7.610 min  
Delta R.T.: -0.003 min  
Response: 125116134  
Conc: 52.49 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.990 min  
Delta R.T.: -0.014 min  
Response: 152584698  
Conc: 20.11 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.933 min  
Delta R.T.: -0.004 min  
Response: 54849123  
Conc: 22.44 ng/ml