

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL073019\  
 Data File : PL050876.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Jul 2019 16:38  
 Operator : SM\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 31 00:46:10 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071719.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jul 19 01:19:13 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

|                             | Compound        | RT#1  | RT#2  | Resp#1  | Resp#2   | ng/ml  | ng/ml   |
|-----------------------------|-----------------|-------|-------|---------|----------|--------|---------|
| -----                       |                 |       |       |         |          |        |         |
| System Monitoring Compounds |                 |       |       |         |          |        |         |
| 1)                          | SA Tetrachlo... | 3.319 | 3.929 | 532.4E6 | 141.0E6  | 52.986 | 49.424  |
| 28)                         | SA Decachlor... | 7.979 | 8.959 | 459.2E6 | 129.7E6  | 45.348 | 45.854  |
| Target Compounds            |                 |       |       |         |          |        |         |
| 2)                          | A alpha-BHC     | 3.746 | 4.318 | 897.7E6 | 208.0E6  | 53.572 | 50.401  |
| 3)                          | MA gamma-BHC... | 4.022 | 4.600 | 840.2E6 | 196.0E6  | 54.624 | 50.603  |
| 4)                          | MA Heptachlor   | 4.305 | 5.102 | 898.3E6 | 205.3E6  | 54.746 | 49.520  |
| 5)                          | MB Aldrin       | 4.543 | 5.404 | 840.4E6 | 188.4E6  | 54.249 | 49.990  |
| 6)                          | B beta-BHC      | 4.276 | 4.777 | 350.0E6 | 91296423 | 53.388 | 52.807  |
| 7)                          | B delta-BHC     | 4.469 | 4.990 | 885.4E6 | 191.4E6  | 53.958 | 49.488  |
| 8)                          | B Heptachlo...  | 4.979 | 5.791 | 758.8E6 | 178.3E6  | 51.364 | 46.618  |
| 9)                          | A Endosulfan I  | 5.310 | 6.146 | 700.5E6 | 163.1E6  | 48.163 | 47.434  |
| 10)                         | B gamma-Chl...  | 5.201 | 6.025 | 770.3E6 | 178.8E6  | 48.803 | 48.384  |
| 11)                         | B alpha-Chl...  | 5.258 | 6.096 | 741.9E6 | 176.3E6  | 48.632 | 48.112  |
| 12)                         | B 4,4'-DDE      | 5.425 | 6.257 | 732.2E6 | 172.5E6  | 48.862 | 47.862  |
| 13)                         | MA Dieldrin     | 5.548 | 6.402 | 755.6E6 | 167.1E6  | 48.757 | 47.182  |
| 14)                         | MA Endrin       | 5.801 | 6.619 | 698.1E6 | 148.2E6  | 47.422 | 47.774  |
| 15)                         | B Endosulfa...  | 6.076 | 6.831 | 603.4E6 | 144.7E6  | 43.117 | 45.504  |
| 16)                         | A 4,4'-DDD      | 5.935 | 6.747 | 555.5E6 | 123.0E6  | 46.358 | 46.176  |
| 17)                         | MA 4,4'-DDT     | 6.169 | 7.045 | 551.2E6 | 132.4E6  | 44.499 | 49.040  |
| 18)                         | B Endrin al...  | 6.243 | 6.954 | 485.4E6 | 123.8E6  | 42.077 | 45.563m |
| 19)                         | B Endosulfa...  | 6.454 | 7.179 | 537.5E6 | 134.7E6  | 42.192 | 46.636  |
| 20)                         | A Methoxychlor  | 6.714 | 7.506 | 292.8E6 | 74686329 | 46.928 | 50.902  |
| 21)                         | B Endrin ke...  | 6.935 | 7.648 | 570.0E6 | 136.8E6  | 41.676 | 47.313  |
| 22)                         | Mirex           | 7.109 | 8.096 | 409.6E6 | 106.9E6  | 41.778 | 46.536  |
| -----                       |                 |       |       |         |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL073019\  
Data File : PL050876.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 Jul 2019 16:38  
Operator : SM\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

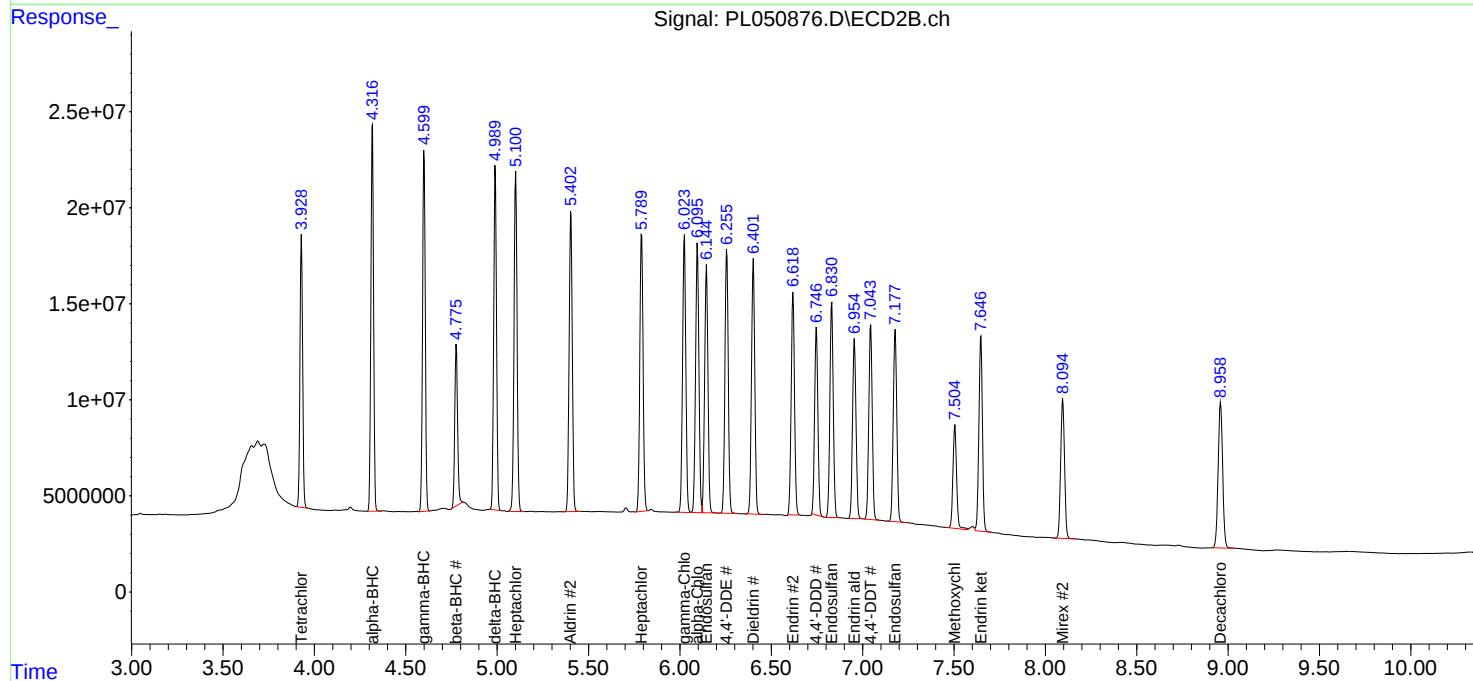
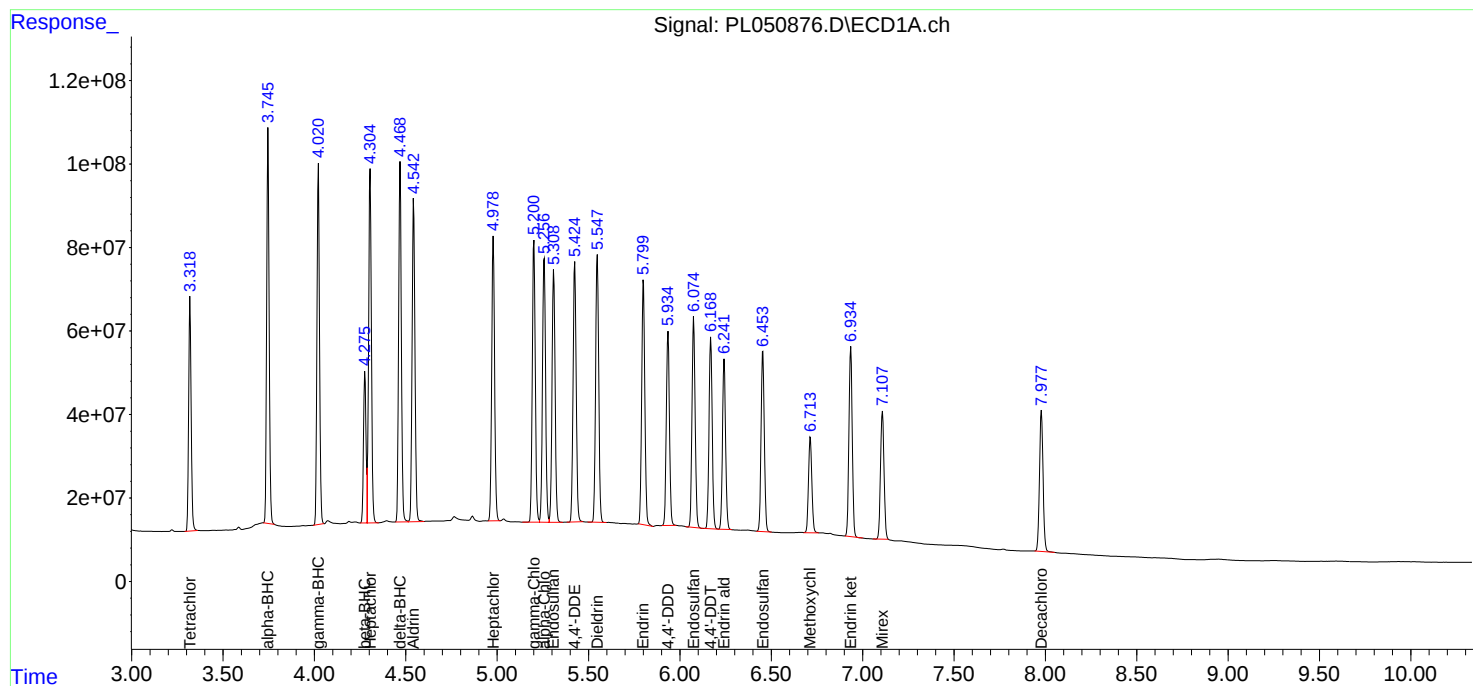
Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

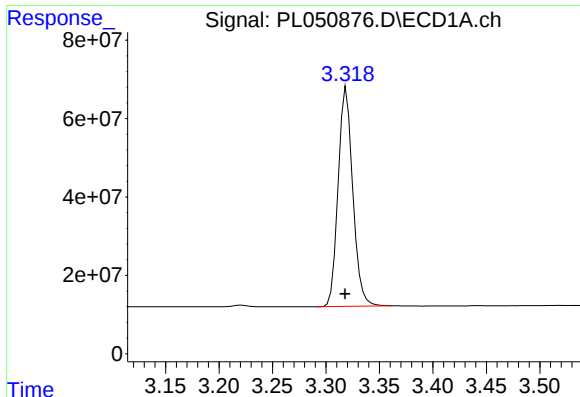
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 31 00:46:10 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071719.M  
Quant Title : GC Extractables  
QLast Update : Fri Jul 19 01:19:13 2019  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





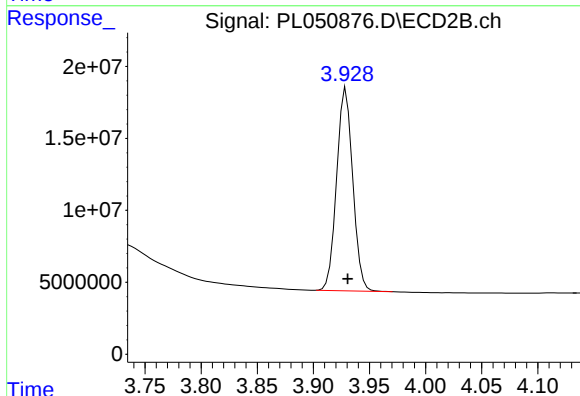
#1 Tetrachloro-m-xylene

R.T.: 3.319 min  
Delta R.T.: 0.001 min  
Response: 532392561  
Conc: 52.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

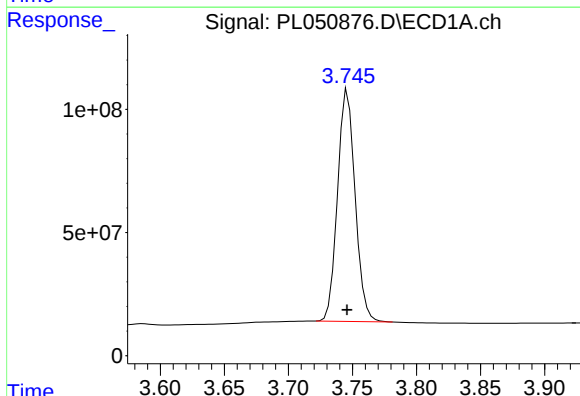
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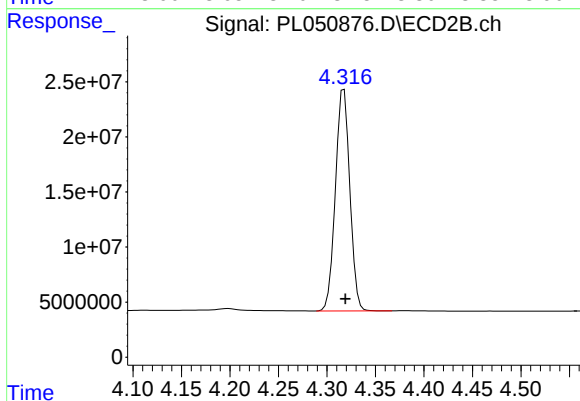
#1 Tetrachloro-m-xylene

R.T.: 3.929 min  
Delta R.T.: -0.001 min  
Response: 141015502  
Conc: 49.42 ng/ml



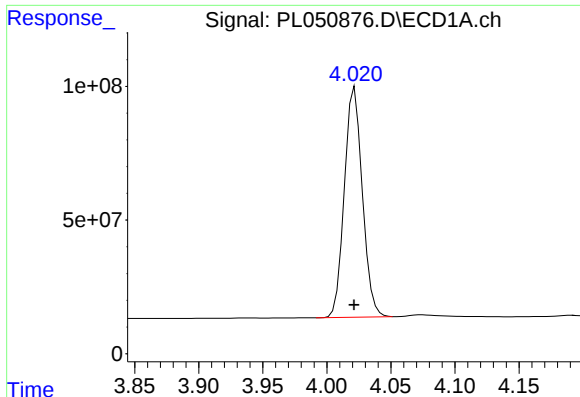
#2 alpha-BHC

R.T.: 3.746 min  
Delta R.T.: 0.000 min  
Response: 897738326  
Conc: 53.57 ng/ml



#2 alpha-BHC

R.T.: 4.318 min  
Delta R.T.: -0.001 min  
Response: 207952397  
Conc: 50.40 ng/ml



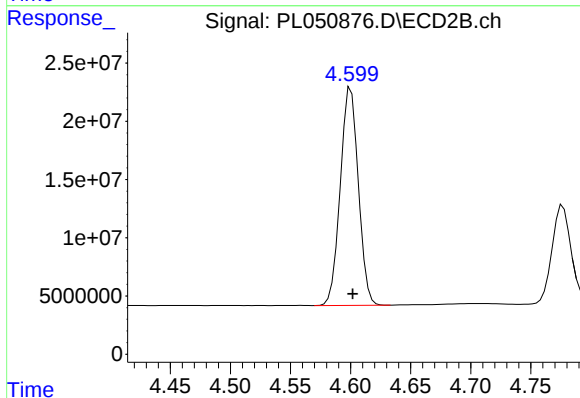
#3 gamma-BHC (Lindane)

R.T.: 4.022 min  
Delta R.T.: 0.000 min  
Response: 840207439  
Conc: 54.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

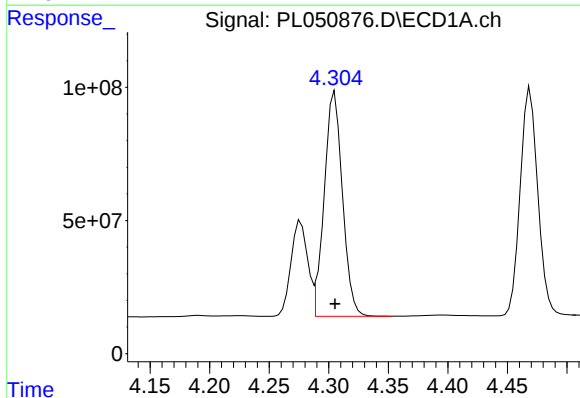
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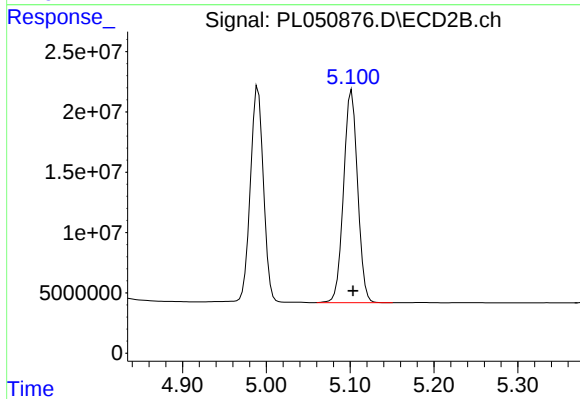
#3 gamma-BHC (Lindane)

R.T.: 4.600 min  
Delta R.T.: -0.002 min  
Response: 195994999  
Conc: 50.60 ng/ml



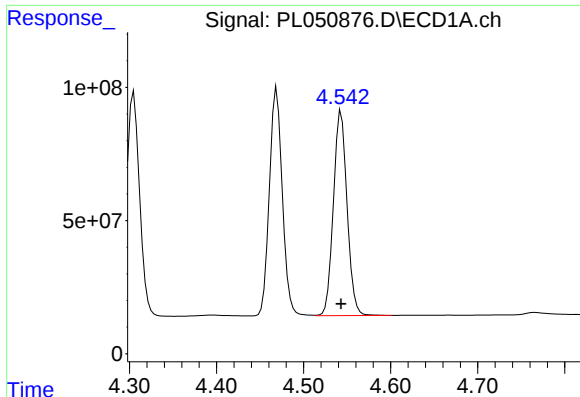
#4 Heptachlor

R.T.: 4.305 min  
Delta R.T.: 0.000 min  
Response: 898270993  
Conc: 54.75 ng/ml



#4 Heptachlor

R.T.: 5.102 min  
Delta R.T.: -0.002 min  
Response: 205343982  
Conc: 49.52 ng/ml



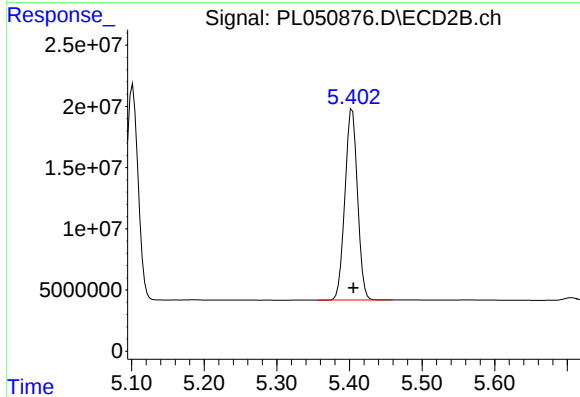
#5 Aldrin

R.T.: 4.543 min  
Delta R.T.: 0.000 min  
Response: 840397843  
Conc: 54.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

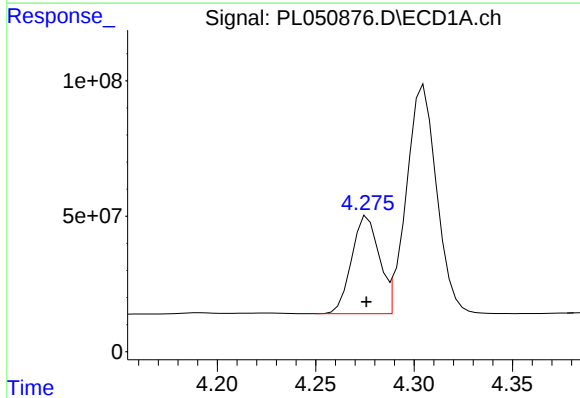
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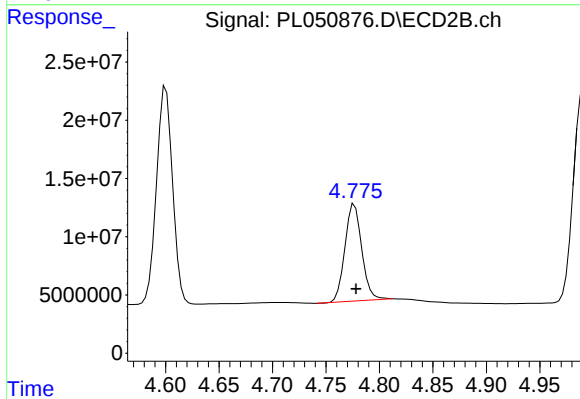
#5 Aldrin

R.T.: 5.404 min  
Delta R.T.: -0.002 min  
Response: 188380271  
Conc: 49.99 ng/ml



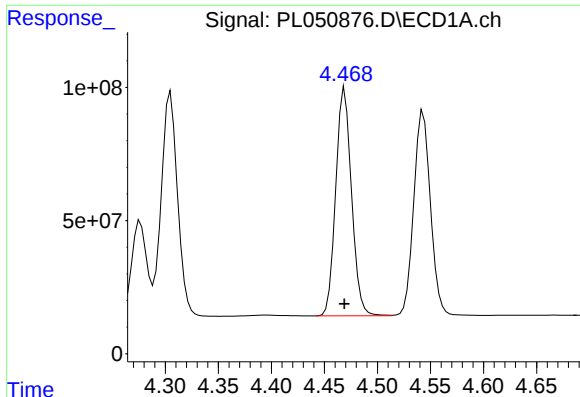
#6 beta-BHC

R.T.: 4.276 min  
Delta R.T.: 0.000 min  
Response: 350000688  
Conc: 53.39 ng/ml



#6 beta-BHC

R.T.: 4.777 min  
Delta R.T.: -0.001 min  
Response: 91296423  
Conc: 52.81 ng/ml



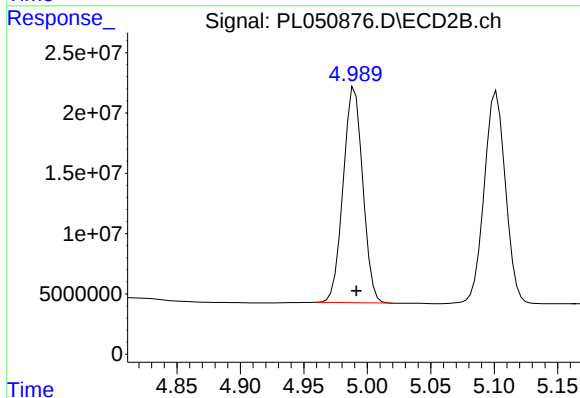
#7 delta-BHC

R.T.: 4.469 min  
Delta R.T.: 0.000 min  
Response: 885375033  
Conc: 53.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

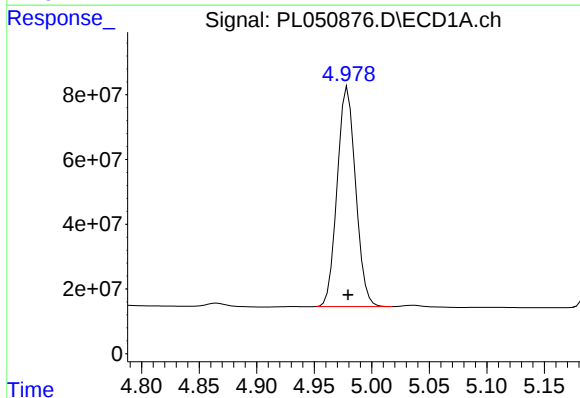
Manual Integrations  
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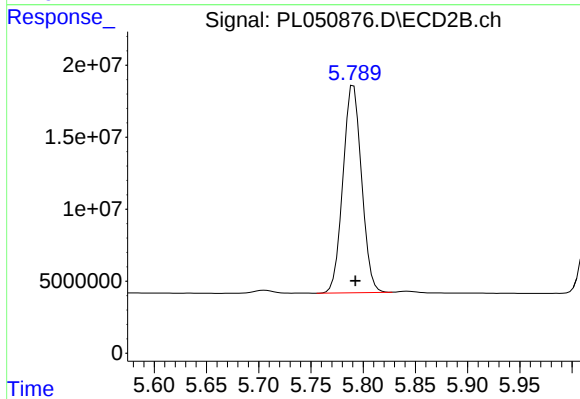
#7 delta-BHC

R.T.: 4.990 min  
Delta R.T.: -0.001 min  
Response: 191401867  
Conc: 49.49 ng/ml



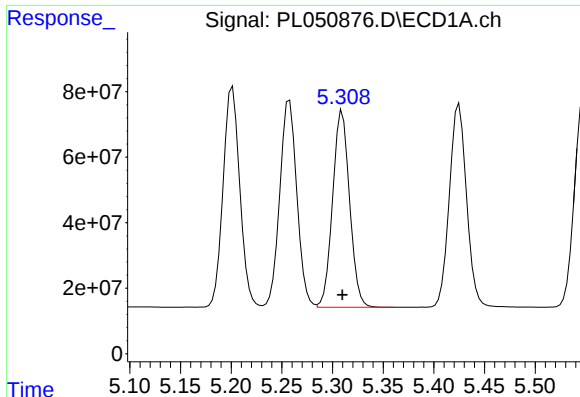
#8 Heptachlor epoxide

R.T.: 4.979 min  
Delta R.T.: 0.000 min  
Response: 758831204  
Conc: 51.36 ng/ml



#8 Heptachlor epoxide

R.T.: 5.791 min  
Delta R.T.: -0.002 min  
Response: 178305529  
Conc: 46.62 ng/ml



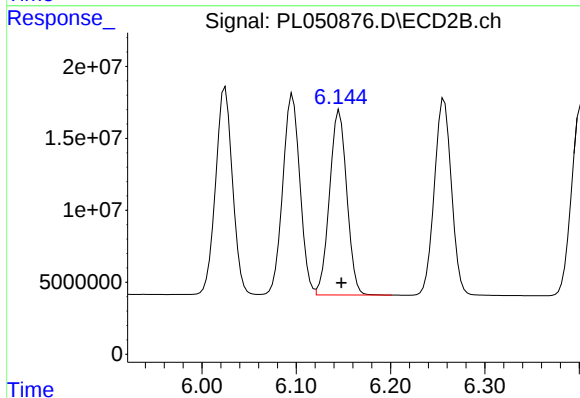
#9 Endosulfan I

R.T.: 5.310 min  
Delta R.T.: 0.000 min  
Response: 700470175  
Conc: 48.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

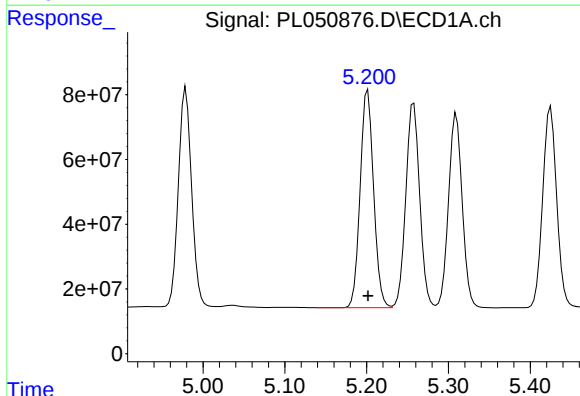
Manual Integrations  
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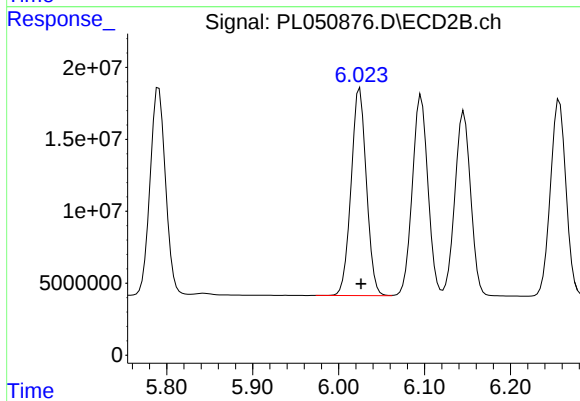
#9 Endosulfan I

R.T.: 6.146 min  
Delta R.T.: -0.002 min  
Response: 163119789  
Conc: 47.43 ng/ml



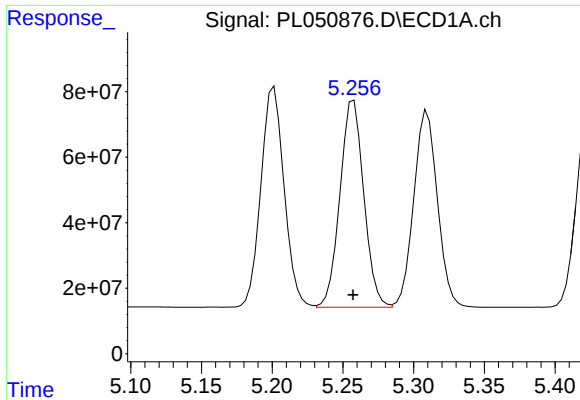
#10 gamma-Chlordane

R.T.: 5.201 min  
Delta R.T.: 0.000 min  
Response: 770263257  
Conc: 48.80 ng/ml



#10 gamma-Chlordane

R.T.: 6.025 min  
Delta R.T.: -0.001 min  
Response: 178794356  
Conc: 48.38 ng/ml



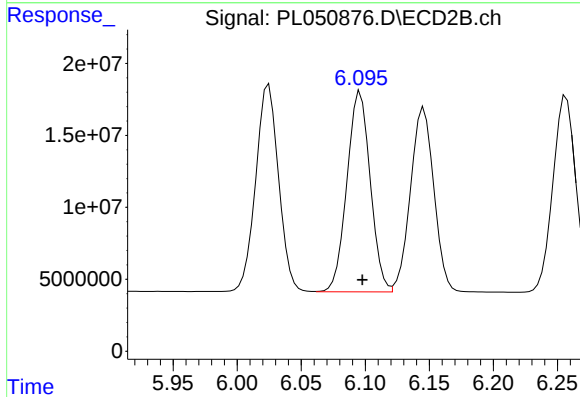
#11 alpha-Chlordane

R.T.: 5.258 min  
Delta R.T.: 0.000 min  
Response: 741937510  
Conc: 48.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

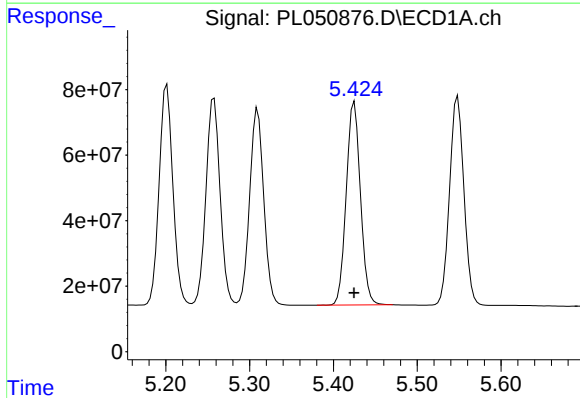
Manual Integrations  
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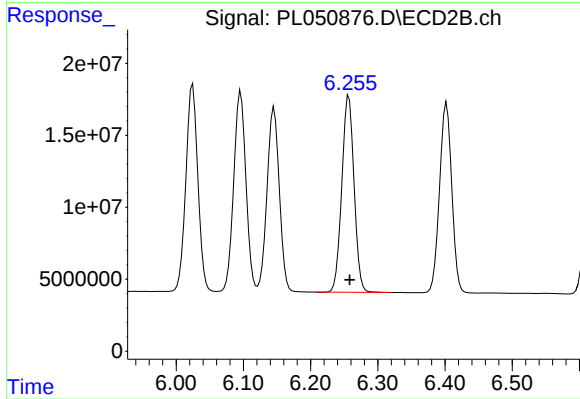
#11 alpha-Chlordane

R.T.: 6.096 min  
Delta R.T.: -0.002 min  
Response: 176337104  
Conc: 48.11 ng/ml



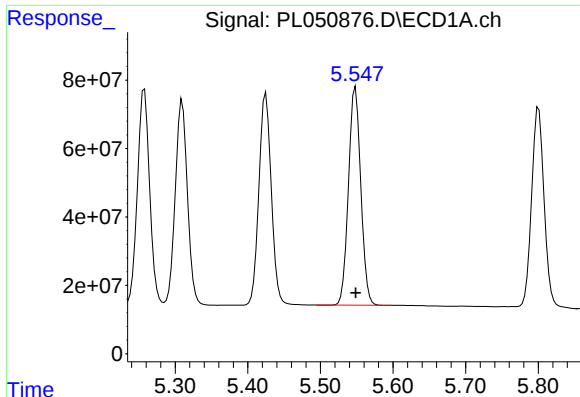
#12 4,4'-DDE

R.T.: 5.425 min  
Delta R.T.: 0.000 min  
Response: 732237104  
Conc: 48.86 ng/ml



#12 4,4'-DDE

R.T.: 6.257 min  
Delta R.T.: -0.001 min  
Response: 172464268  
Conc: 47.86 ng/ml



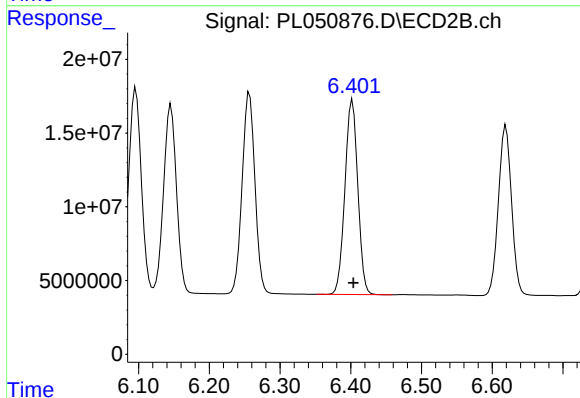
#13 Dieldrin

R.T.: 5.548 min  
Delta R.T.: 0.000 min  
Response: 755572827  
Conc: 48.76 ng/ml

Instrument :  
ECD\_L  
ClientSampled :  
PSTDCCC050

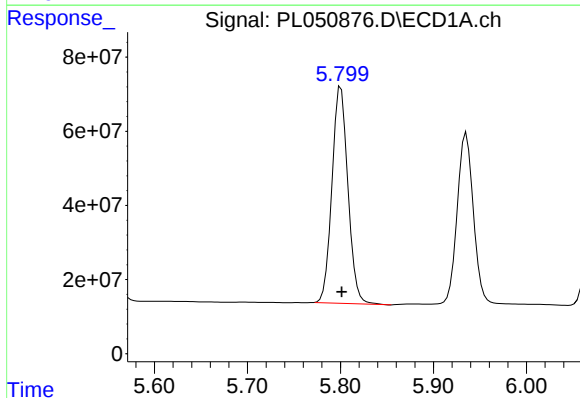
Manual Integrations  
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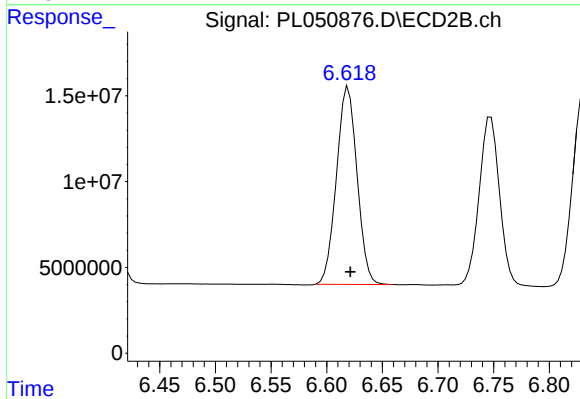
#13 Dieldrin

R.T.: 6.402 min  
Delta R.T.: -0.002 min  
Response: 167078257  
Conc: 47.18 ng/ml



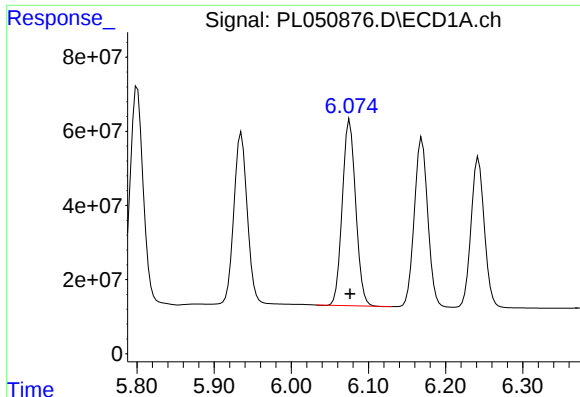
#14 Endrin

R.T.: 5.801 min  
Delta R.T.: 0.000 min  
Response: 698069484  
Conc: 47.42 ng/ml



#14 Endrin

R.T.: 6.619 min  
Delta R.T.: -0.002 min  
Response: 148169260  
Conc: 47.77 ng/ml



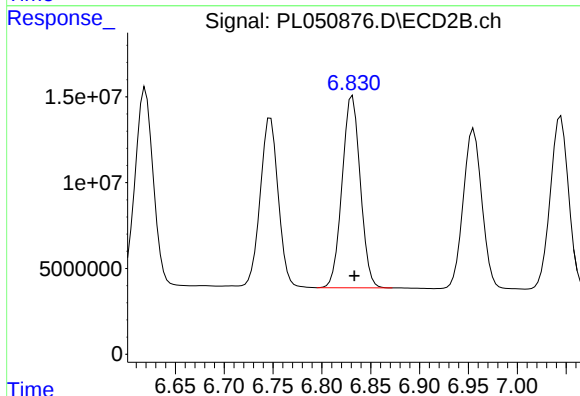
#15 Endosulfan II

R.T.: 6.076 min  
Delta R.T.: 0.000 min  
Response: 603411800  
Conc: 43.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

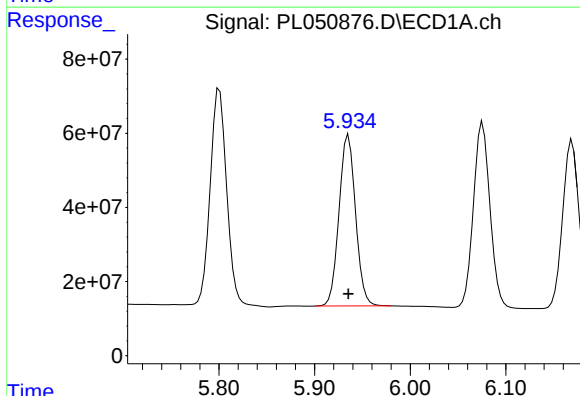
Manual Integrations  
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Ankita  
7/31/2019 3:30:17 PM



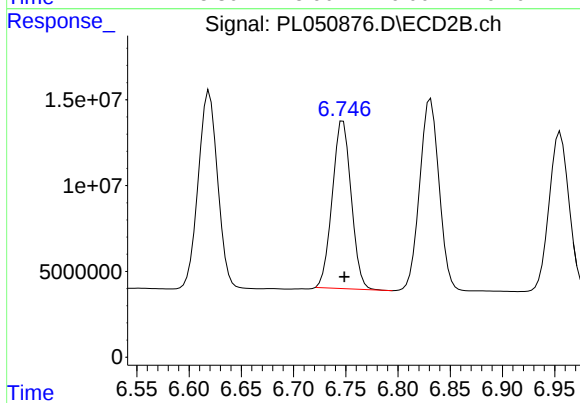
#15 Endosulfan II

R.T.: 6.831 min  
Delta R.T.: -0.002 min  
Response: 144664260  
Conc: 45.50 ng/ml



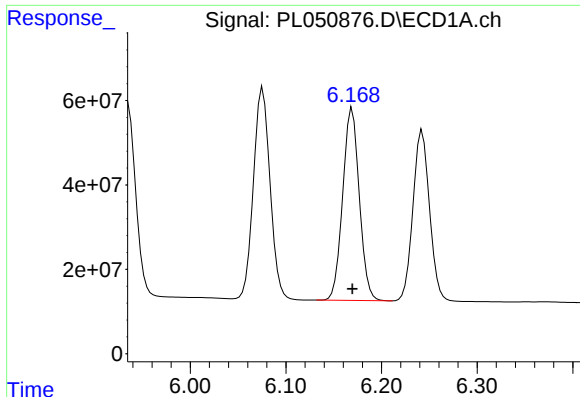
#16 4,4'-DDD

R.T.: 5.935 min  
Delta R.T.: 0.000 min  
Response: 555545259  
Conc: 46.36 ng/ml



#16 4,4'-DDD

R.T.: 6.747 min  
Delta R.T.: -0.001 min  
Response: 122962636  
Conc: 46.18 ng/ml



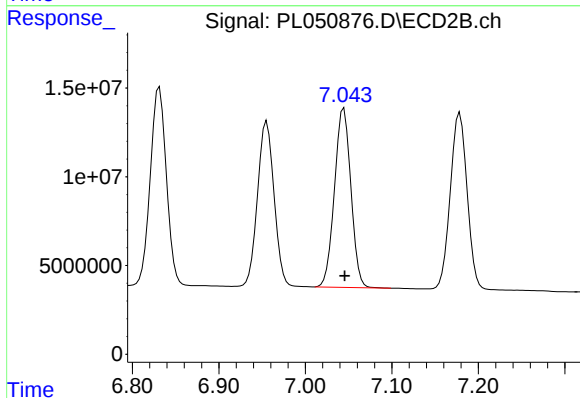
#17 4,4'-DDT

R.T.: 6.169 min  
Delta R.T.: 0.000 min  
Response: 551154892  
Conc: 44.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

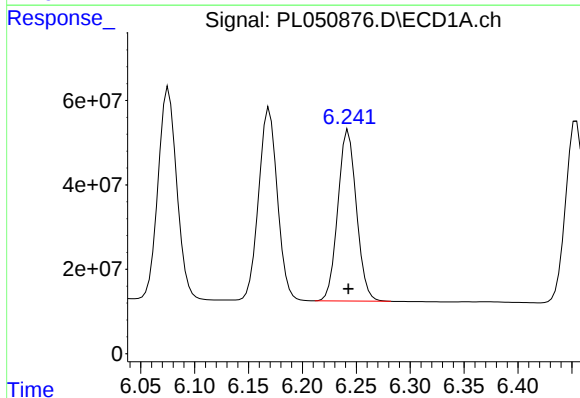
Manual Integrations  
APPROVED

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7/31/2019 3:30:17 PM



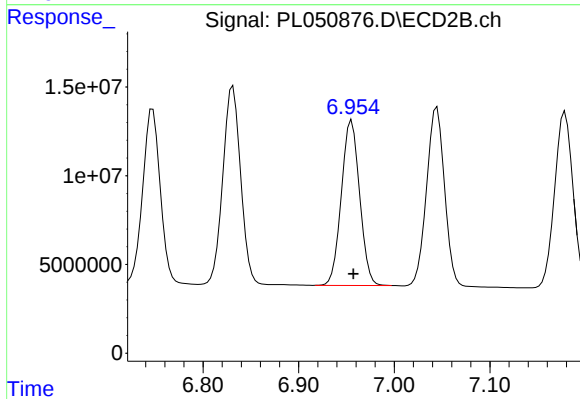
#17 4,4'-DDT

R.T.: 7.045 min  
Delta R.T.: 0.000 min  
Response: 132389407  
Conc: 49.04 ng/ml



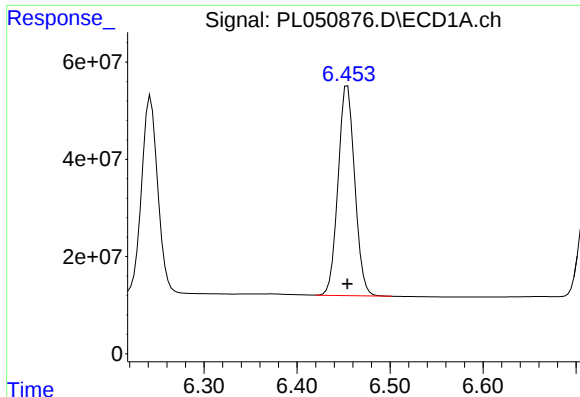
#18 Endrin aldehyde

R.T.: 6.243 min  
Delta R.T.: 0.000 min  
Response: 485412036  
Conc: 42.08 ng/ml



#18 Endrin aldehyde

R.T.: 6.954 min  
Delta R.T.: -0.003 min  
Response: 123822176  
Conc: 45.56 ng/ml m



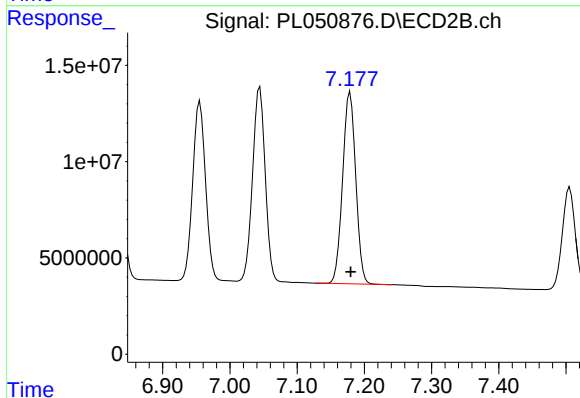
#19 Endosulfan Sulfate

R.T.: 6.454 min  
Delta R.T.: 0.000 min  
Response: 537513669  
Conc: 42.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

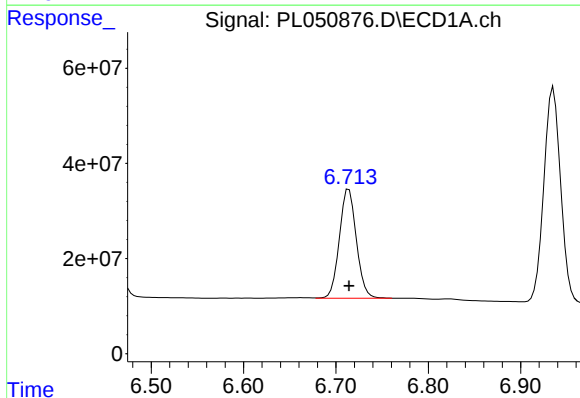
Manual Integrations  
APPROVED

Ankita  
7/31/2019 3:30:17 PM



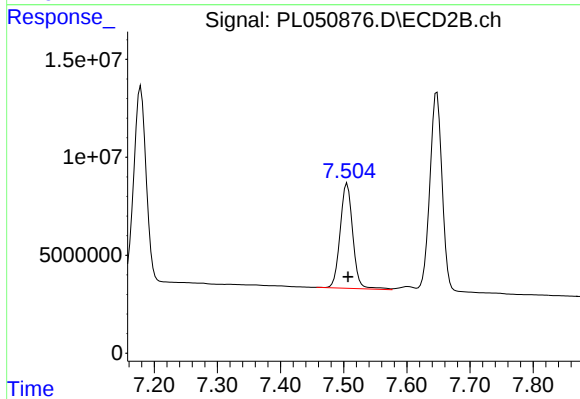
#19 Endosulfan Sulfate

R.T.: 7.179 min  
Delta R.T.: -0.001 min  
Response: 134696958  
Conc: 46.64 ng/ml



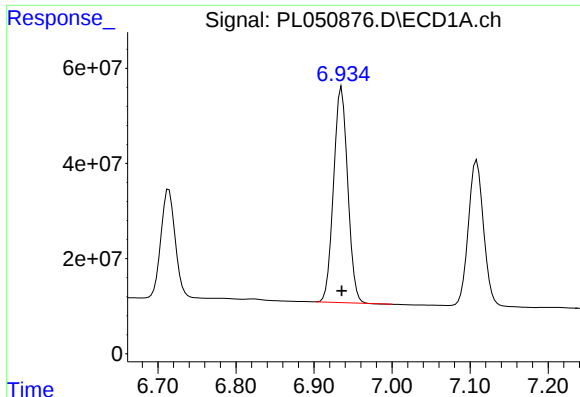
#20 Methoxychlor

R.T.: 6.714 min  
Delta R.T.: 0.000 min  
Response: 292783518  
Conc: 46.93 ng/ml



#20 Methoxychlor

R.T.: 7.506 min  
Delta R.T.: -0.001 min  
Response: 74686329  
Conc: 50.90 ng/ml



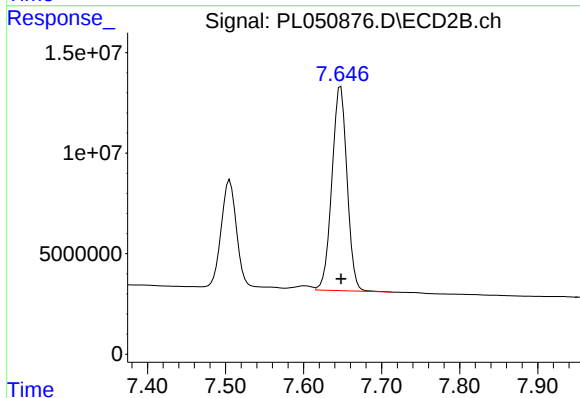
#21 Endrin ketone

R.T.: 6.935 min  
Delta R.T.: 0.000 min  
Response: 570016024  
Conc: 41.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

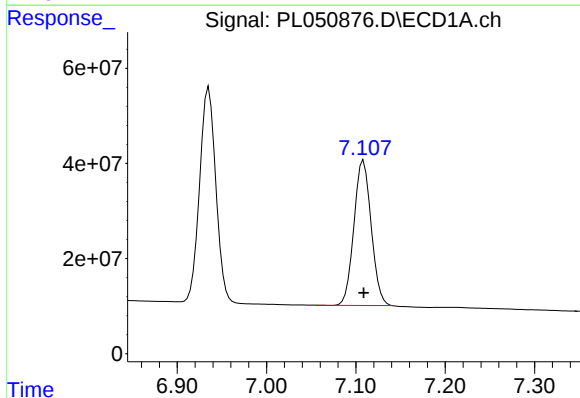
Manual Integrations  
APPROVED

Ankita  
7/31/2019 3:30:17 PM



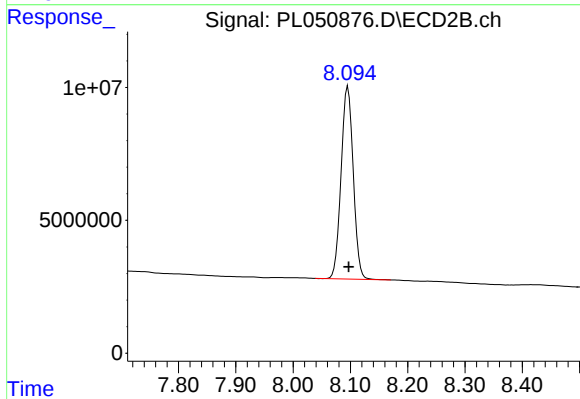
#21 Endrin ketone

R.T.: 7.648 min  
Delta R.T.: 0.000 min  
Response: 136794838  
Conc: 47.31 ng/ml



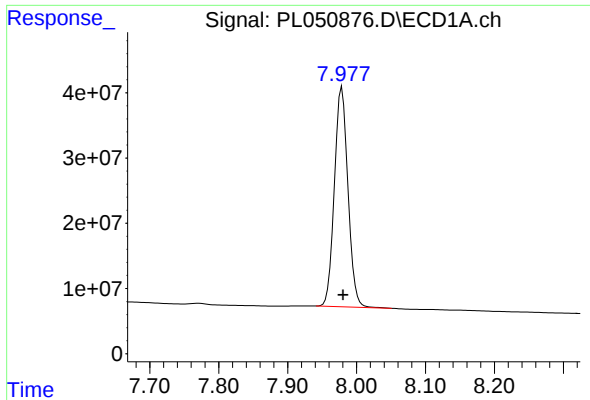
#22 Mirex

R.T.: 7.109 min  
Delta R.T.: 0.000 min  
Response: 409608412  
Conc: 41.78 ng/ml



#22 Mirex

R.T.: 8.096 min  
Delta R.T.: -0.002 min  
Response: 106893241  
Conc: 46.54 ng/ml



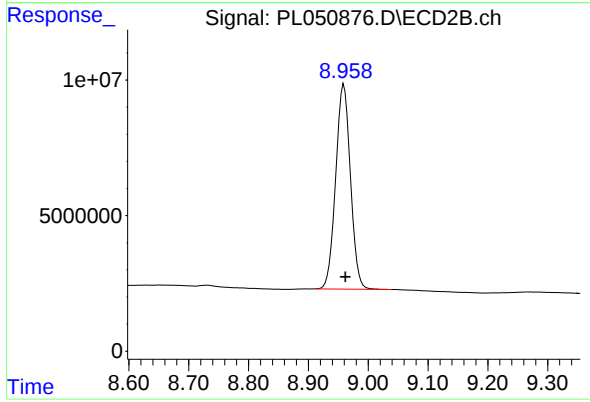
#28 Decachlorobiphenyl

R.T.: 7.979 min  
Delta R.T.: -0.002 min  
Response: 459165112  
Conc: 45.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

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#28 Decachlorobiphenyl

R.T.: 8.959 min  
Delta R.T.: -0.002 min  
Response: 129671919  
Conc: 45.85 ng/ml