

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL051419\  
 Data File : PL048515.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 May 2019 13:08  
 Operator : AJ\SJ  
 Sample : K2808-01MS  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 RT-2683-RT-5156MS

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 15 01:00:06 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL050119.M  
 Quant Title : GC Extractables  
 QLast Update : Thu May 02 09:36:55 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... | 3.327 | 3.938 | 251.5E6  | 46238713 | 25.962m | 18.563m# |
| 2)                          | SA Decachlor... | 7.997 | 8.979 | 192.0E6  | 70216333 | 19.095  | 26.454 # |
| Target Compounds            |                 |       |       |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.754 | 4.328 | 762.1E6  | 189.6E6  | 49.270m | 53.996   |
| 3)                          | MA gamma-BHC... | 4.033 | 4.611 | 1001.2E6 | 227.5E6  | 70.465  | 69.667m  |
| 4)                          | MA Heptachlor   | 4.316 | 5.114 | 697.9E6  | 202.3E6  | 47.435  | 58.428m  |
| 5)                          | MB Aldrin       | 4.554 | 5.419 | 795.7E6  | 174.3E6  | 58.071  | 56.276   |
| 6)                          | B beta-BHC      | 4.285 | 4.788 | 265.1E6  | 68903271 | 44.928  | 44.282   |
| 7)                          | B delta-BHC     | 4.479 | 5.001 | 661.3E6  | 161.1E6  | 46.837  | 56.965   |
| 8)                          | B Heptachlo...  | 4.992 | 5.806 | 606.0E6  | 143.5E6  | 47.034  | 49.193   |
| 9)                          | A Endosulfan I  | 5.321 | 6.161 | 621.9E6  | 129.9E6  | 51.694m | 45.940   |
| 10)                         | B gamma-Chl...  | 5.215 | 6.039 | 581.2E6  | 171.9E6  | 43.525  | 55.851 # |
| 11)                         | B alpha-Chl...  | 5.271 | 6.112 | 562.8E6  | 173.8E6  | 43.050  | 56.648 # |
| 12)                         | B 4,4'-DDE      | 5.439 | 6.269 | 723.5E6  | 126.3E6  | 57.033  | 45.734m  |
| 13)                         | MA Dieldrin     | 5.564 | 6.418 | 801.0E6  | 136.4E6  | 61.519  | 46.509   |
| 14)                         | MA Endrin       | 5.815 | 6.635 | 578.8E6  | 118.5E6  | 47.545  | 45.440   |
| 15)                         | B Endosulfa...  | 6.091 | 6.846 | 619.3E6  | 150.7E6  | 53.662  | 55.867   |
| 16)                         | A 4,4'-DDD      | 5.950 | 6.760 | 389.9E6  | 130.5E6  | 40.056  | 58.150 # |
| 17)                         | MA 4,4'-DDT     | 6.184 | 7.058 | 533.7E6  | 118.1E6  | 53.123  | 50.347   |
| 18)                         | B Endrin al...  | 6.257 | 6.968 | 475.1E6  | 108.9E6  | 48.883  | 46.468m  |
| 19)                         | B Endosulfa...  | 6.468 | 7.190 | 569.6E6  | 156.9E6  | 53.072  | 60.617m  |
| 20)                         | A Methoxychlor  | 6.730 | 7.517 | 289.8E6  | 97873451 | 53.233  | 71.693m# |
| 21)                         | B Endrin ke...  | 6.950 | 7.659 | 624.0E6  | 147.9E6  | 53.538  | 56.600m  |
| 22)                         | Mirex           | 7.123 | 8.112 | 583.5E6  | 104.8E6  | 65.091m | 49.698   |
| -----                       |                 |       |       |          |          |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL051419\  
Data File : PL048515.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 14 May 2019 13:08  
Operator : AJ\SJ  
Sample : K2808-01MS  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

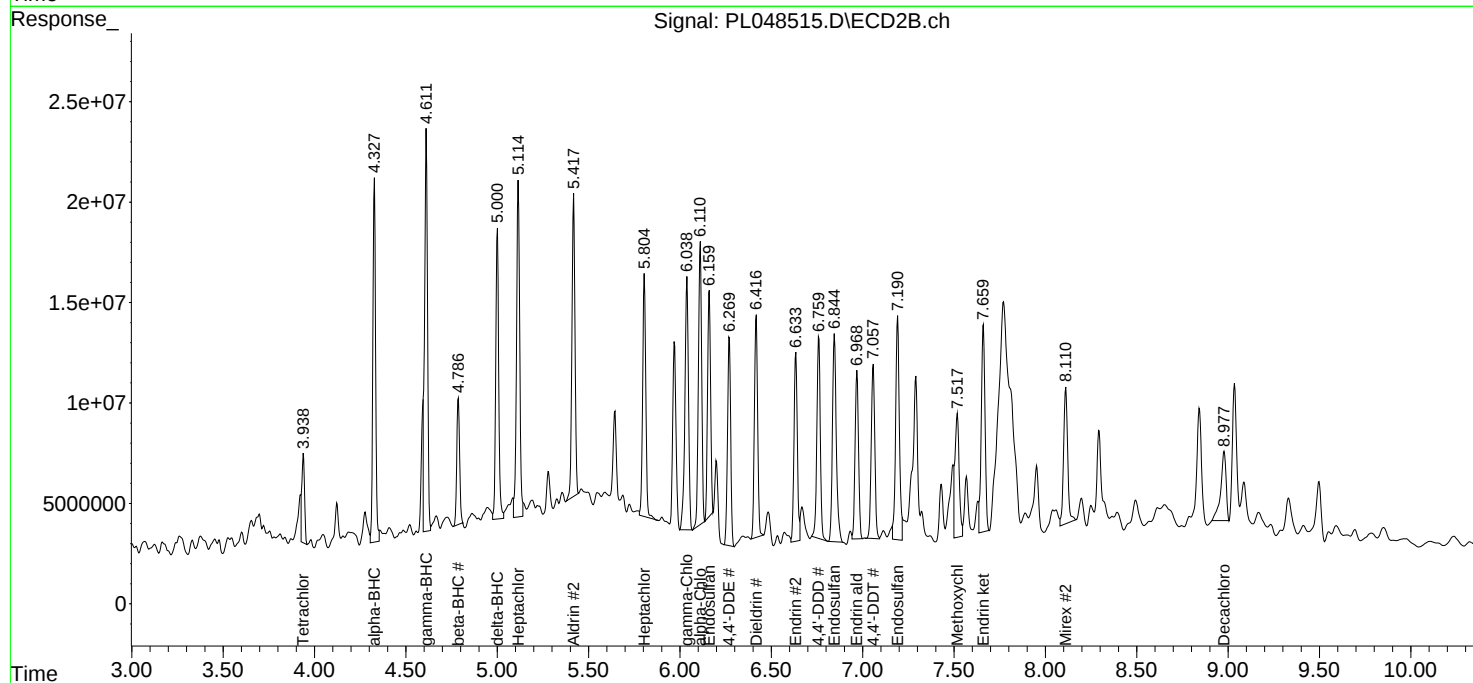
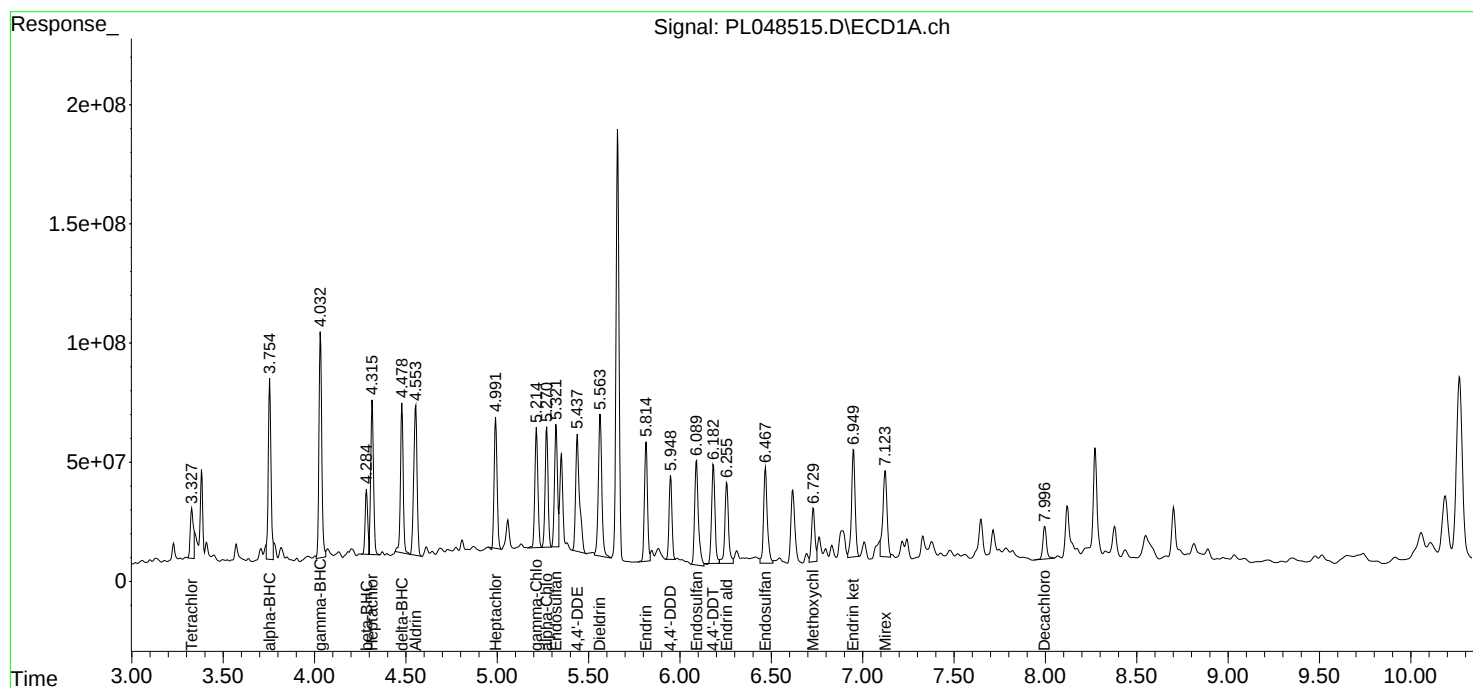
Instrument :  
ECD\_L  
ClientSampleId :  
RT-2683-RT-5156MS

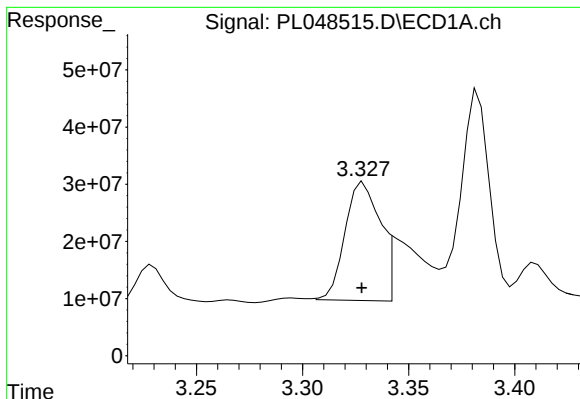
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 15 01:00:06 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL050119.M  
Quant Title : GC Extractables  
QLast Update : Thu May 02 09:36:55 2019  
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





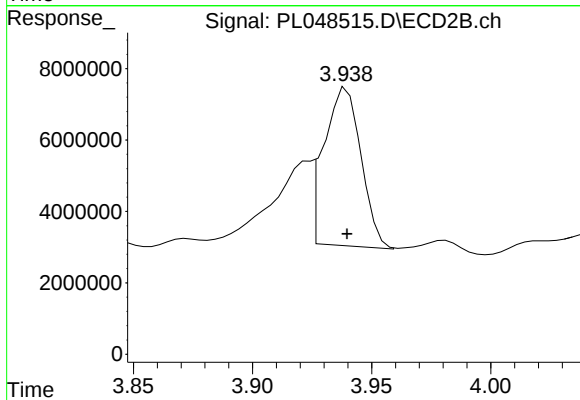
#1 Tetrachloro-m-xylene

R.T.: 3.327 min  
Delta R.T.: 0.000 min  
Response: 251485747  
Conc: 25.96 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
RT-2683-RT-5156MS

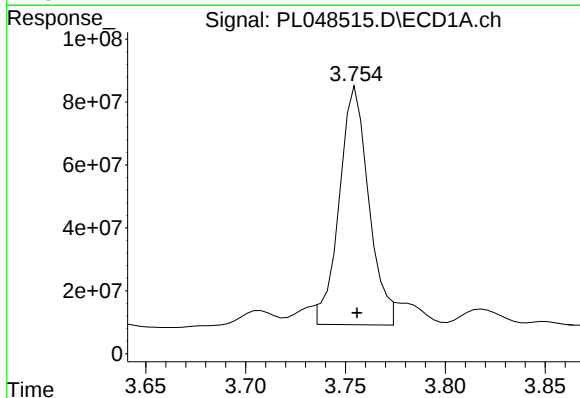
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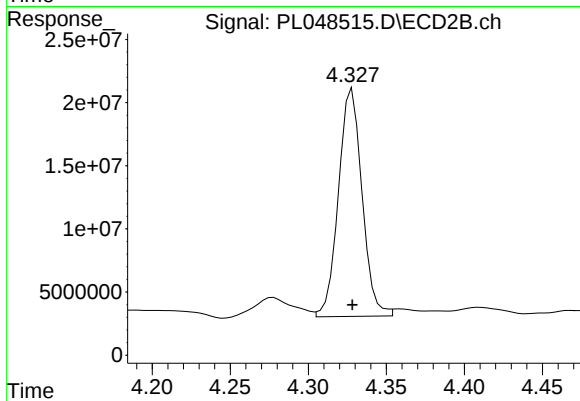
#1 Tetrachloro-m-xylene

R.T.: 3.938 min  
Delta R.T.: -0.001 min  
Response: 46238713  
Conc: 18.56 ng/ml m



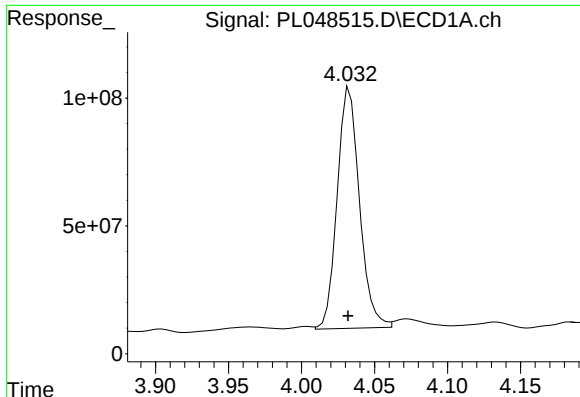
#2 alpha-BHC

R.T.: 3.754 min  
Delta R.T.: -0.002 min  
Response: 762079433  
Conc: 49.27 ng/ml m



#2 alpha-BHC

R.T.: 4.328 min  
Delta R.T.: 0.000 min  
Response: 189632408  
Conc: 54.00 ng/ml



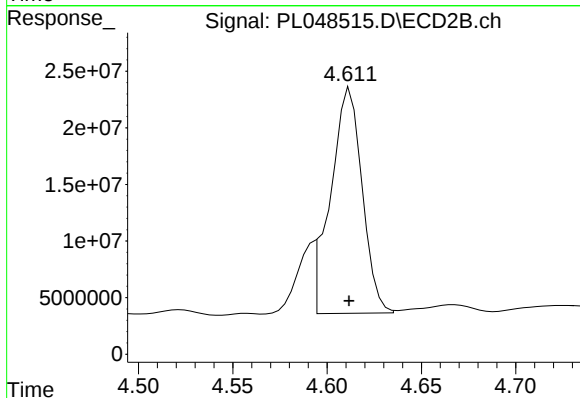
#3 gamma-BHC (Lindane)

R.T.: 4.033 min  
Delta R.T.: 0.001 min  
Response: 1001245803  
Conc: 70.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RT-2683-RT-5156MS

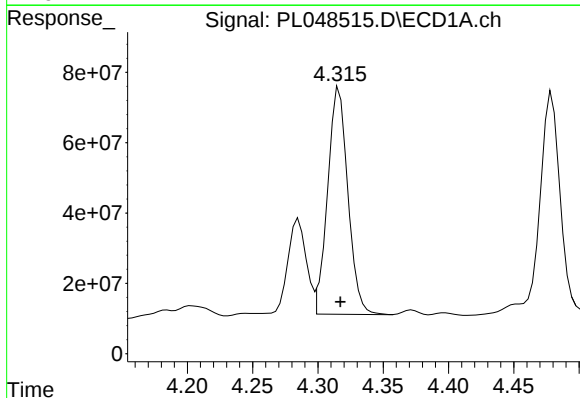
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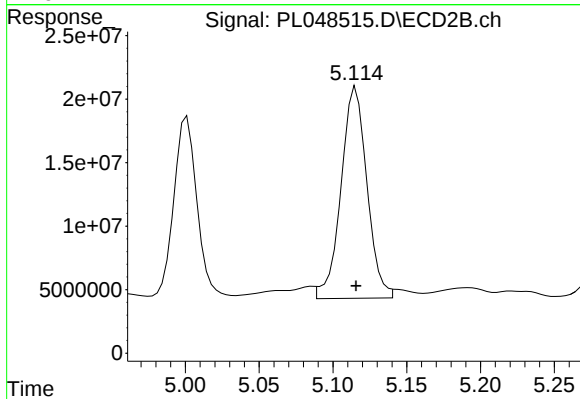
#3 gamma-BHC (Lindane)

R.T.: 4.611 min  
Delta R.T.: 0.000 min  
Response: 227544213  
Conc: 69.67 ng/ml m



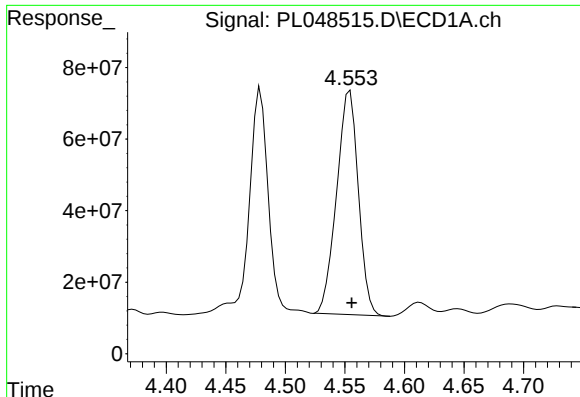
#4 Heptachlor

R.T.: 4.316 min  
Delta R.T.: 0.000 min  
Response: 697862169  
Conc: 47.43 ng/ml



#4 Heptachlor

R.T.: 5.114 min  
Delta R.T.: -0.001 min  
Response: 202266097  
Conc: 58.43 ng/ml m



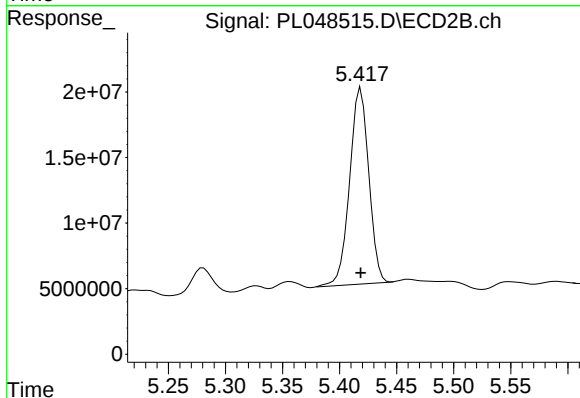
#5 Aldrin

R.T.: 4.554 min  
Delta R.T.: -0.001 min  
Response: 795657845  
Conc: 58.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RT-2683-RT-5156MS

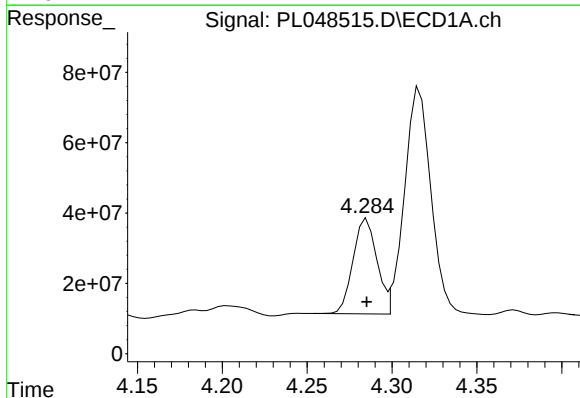
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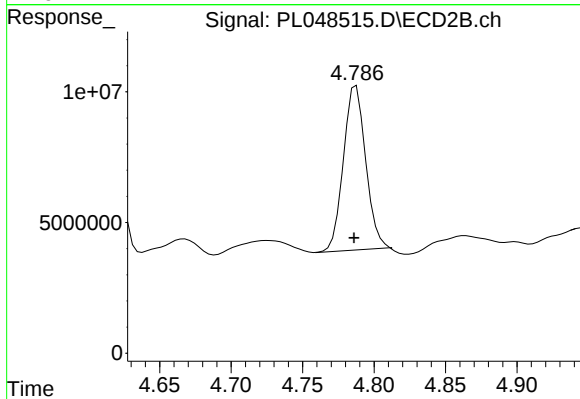
#5 Aldrin

R.T.: 5.419 min  
Delta R.T.: 0.000 min  
Response: 174266624  
Conc: 56.28 ng/ml



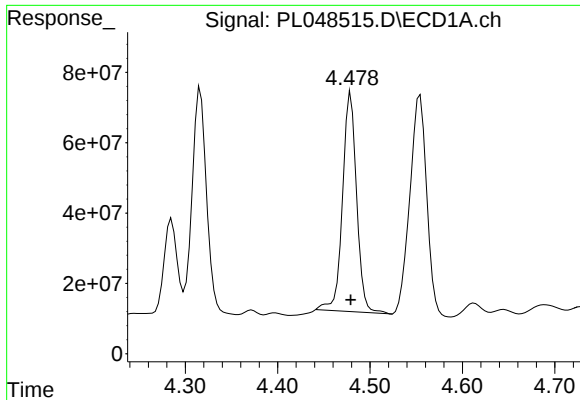
#6 beta-BHC

R.T.: 4.285 min  
Delta R.T.: 0.000 min  
Response: 265145694  
Conc: 44.93 ng/ml



#6 beta-BHC

R.T.: 4.788 min  
Delta R.T.: 0.001 min  
Response: 68903271  
Conc: 44.28 ng/ml



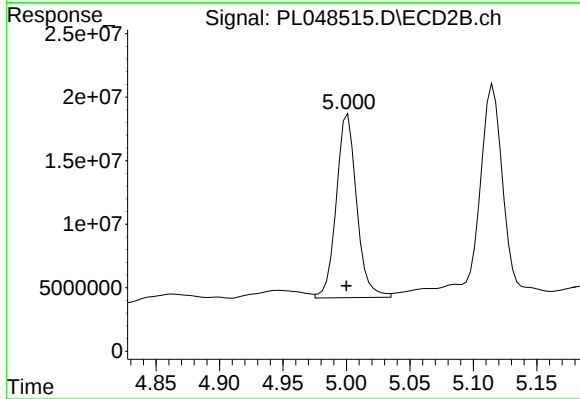
#7 delta-BHC

R.T.: 4.479 min  
Delta R.T.: 0.000 min  
Response: 661285469  
Conc: 46.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RT-2683-RT-5156MS

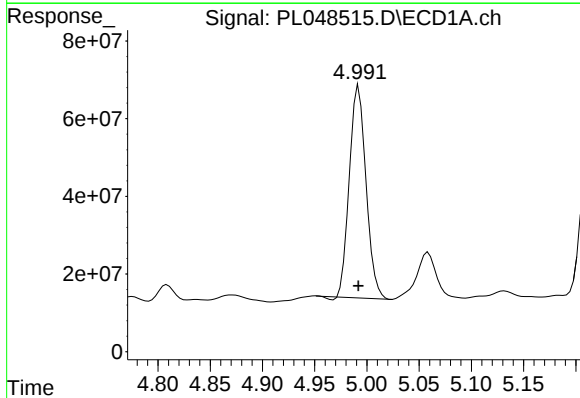
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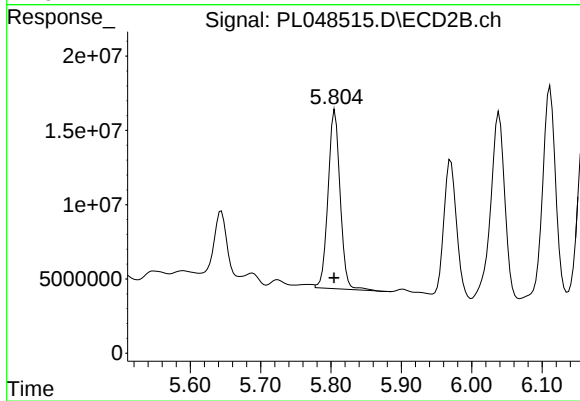
#7 delta-BHC

R.T.: 5.001 min  
Delta R.T.: 0.001 min  
Response: 161091513  
Conc: 56.97 ng/ml



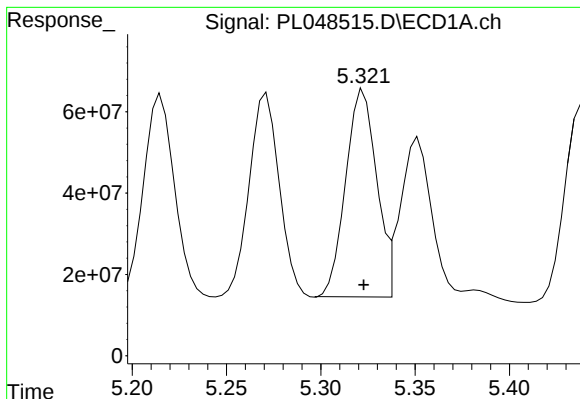
#8 Heptachlor epoxide

R.T.: 4.992 min  
Delta R.T.: 0.000 min  
Response: 606011716  
Conc: 47.03 ng/ml



#8 Heptachlor epoxide

R.T.: 5.806 min  
Delta R.T.: 0.001 min  
Response: 143482675  
Conc: 49.19 ng/ml



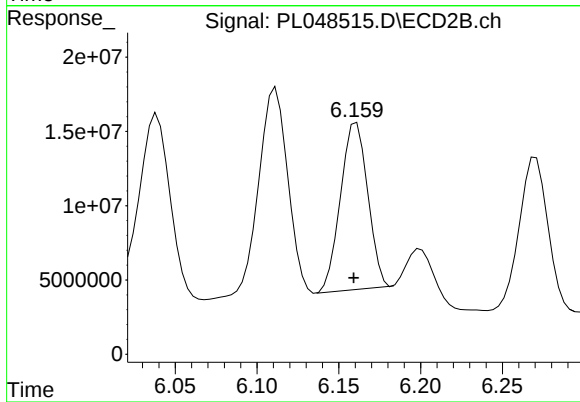
# #9 Endosulfan I

R.T.: 5.321 min  
Delta R.T.: -0.001 min  
Response: 621875883  
Conc: 51.69 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
RT-2683-RT-5156MS

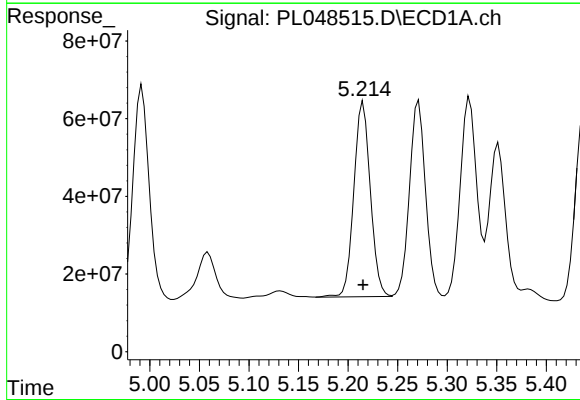
Manual Integrations  
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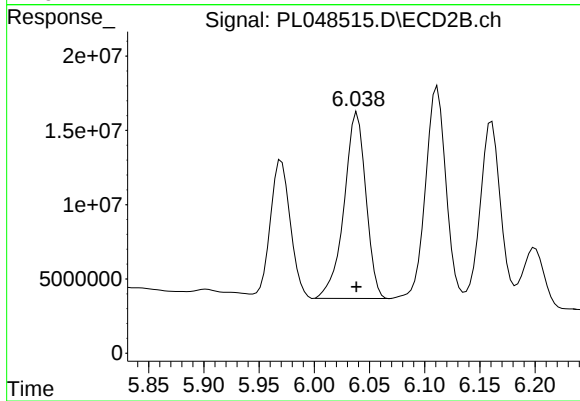
# #9 Endosulfan I

R.T.: 6.161 min  
Delta R.T.: 0.002 min  
Response: 129896311  
Conc: 45.94 ng/ml



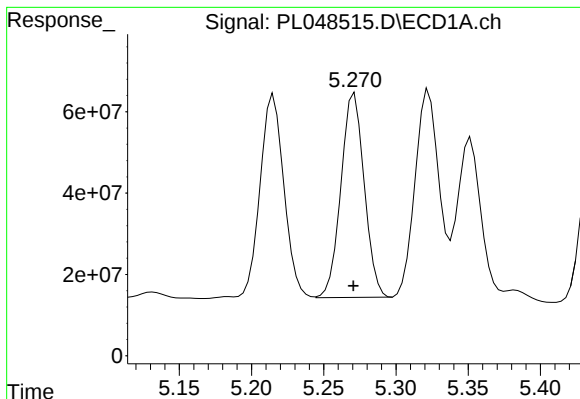
# #10 gamma-Chlordane

R.T.: 5.215 min  
Delta R.T.: 0.000 min  
Response: 581152826  
Conc: 43.52 ng/ml



# #10 gamma-Chlordane

R.T.: 6.039 min  
Delta R.T.: 0.000 min  
Response: 171944616  
Conc: 55.85 ng/ml



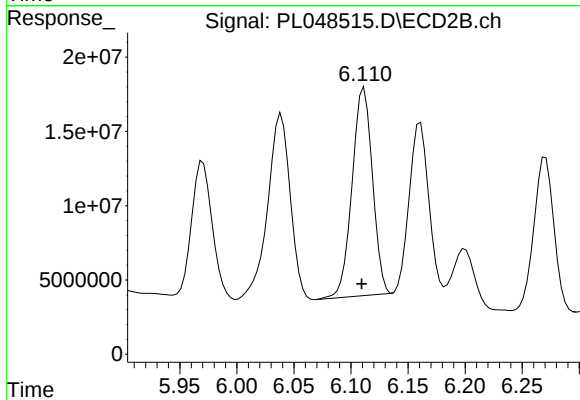
#11 alpha-Chlordane

R.T.: 5.271 min  
Delta R.T.: 0.000 min  
Response: 562817933  
Conc: 43.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RT-2683-RT-5156MS

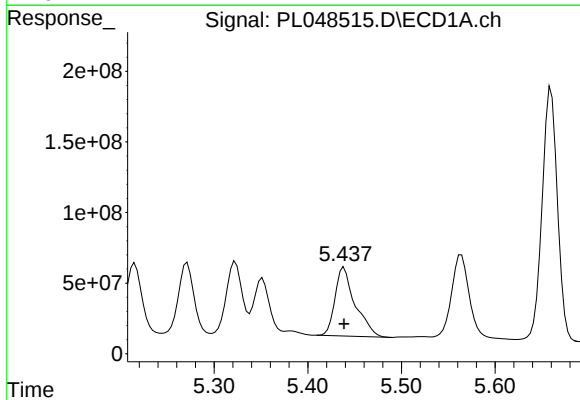
Manual Integrations  
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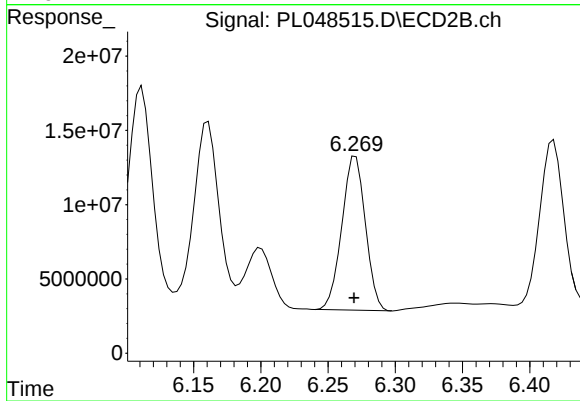
#11 alpha-Chlordane

R.T.: 6.112 min  
Delta R.T.: 0.002 min  
Response: 173810619  
Conc: 56.65 ng/ml



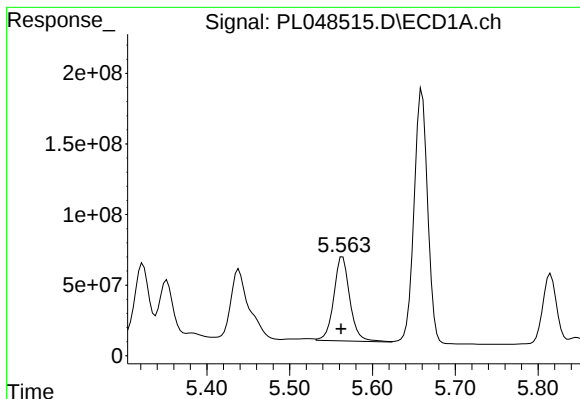
#12 4,4'-DDE

R.T.: 5.439 min  
Delta R.T.: 0.000 min  
Response: 723474078  
Conc: 57.03 ng/ml



#12 4,4'-DDE

R.T.: 6.269 min  
Delta R.T.: 0.000 min  
Response: 126268550  
Conc: 45.73 ng/ml m



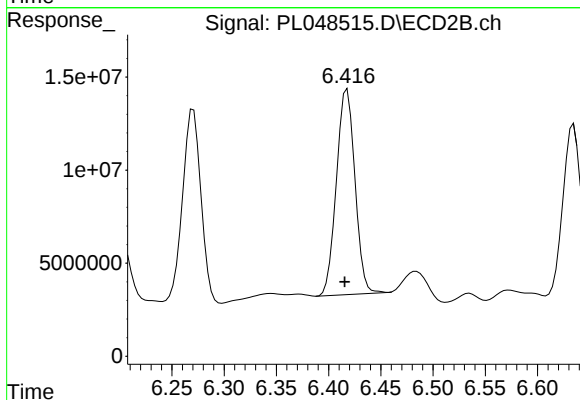
#13 Dieldrin

R.T.: 5.564 min  
Delta R.T.: 0.002 min  
Response: 801017671  
Conc: 61.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RT-2683-RT-5156MS

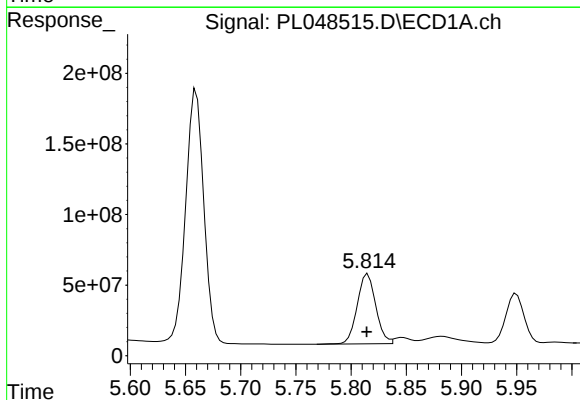
Manual Integrations  
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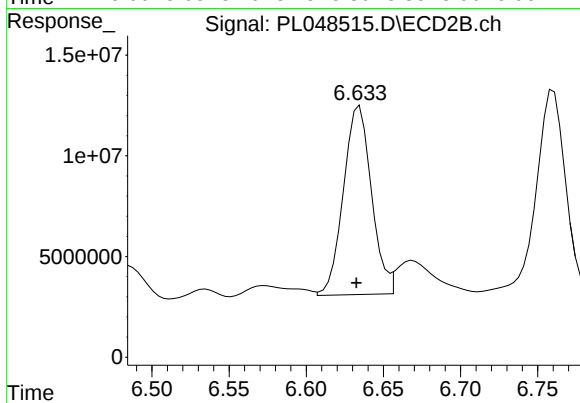
#13 Dieldrin

R.T.: 6.418 min  
Delta R.T.: 0.002 min  
Response: 136441158  
Conc: 46.51 ng/ml



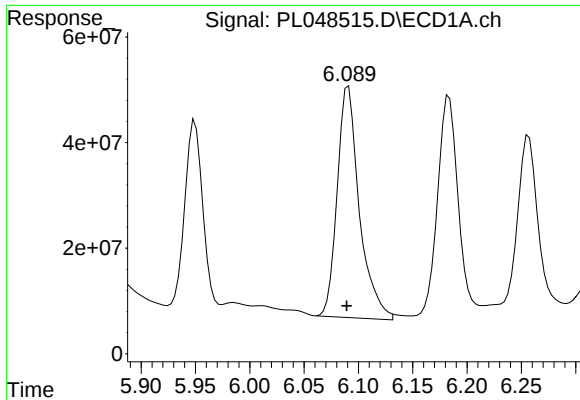
#14 Endrin

R.T.: 5.815 min  
Delta R.T.: 0.000 min  
Response: 578807534  
Conc: 47.54 ng/ml



#14 Endrin

R.T.: 6.635 min  
Delta R.T.: 0.002 min  
Response: 118481597  
Conc: 45.44 ng/ml



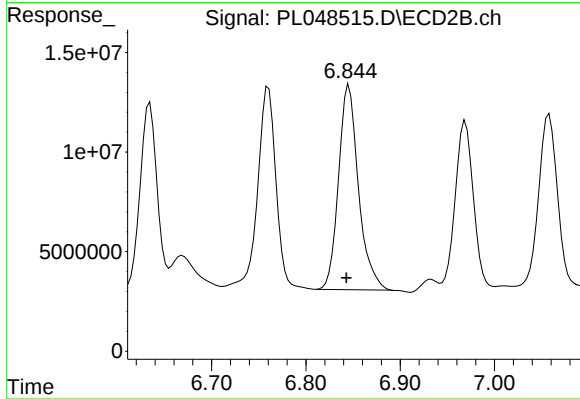
#15 Endosulfan II

R.T.: 6.091 min  
Delta R.T.: 0.002 min  
Response: 619290658  
Conc: 53.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RT-2683-RT-5156MS

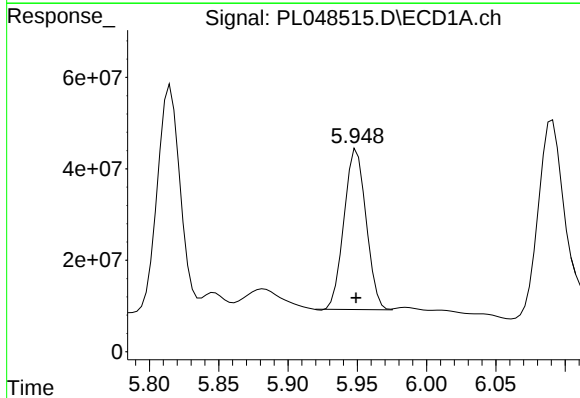
Manual Integrations  
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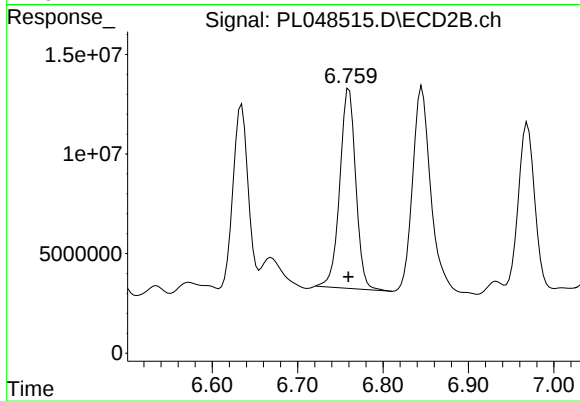
#15 Endosulfan II

R.T.: 6.846 min  
Delta R.T.: 0.003 min  
Response: 150650870  
Conc: 55.87 ng/ml



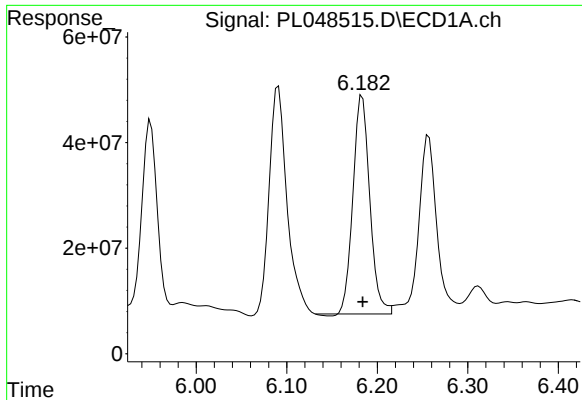
#16 4,4'-DDD

R.T.: 5.950 min  
Delta R.T.: 0.000 min  
Response: 389905402  
Conc: 40.06 ng/ml



#16 4,4'-DDD

R.T.: 6.760 min  
Delta R.T.: 0.001 min  
Response: 130491644  
Conc: 58.15 ng/ml



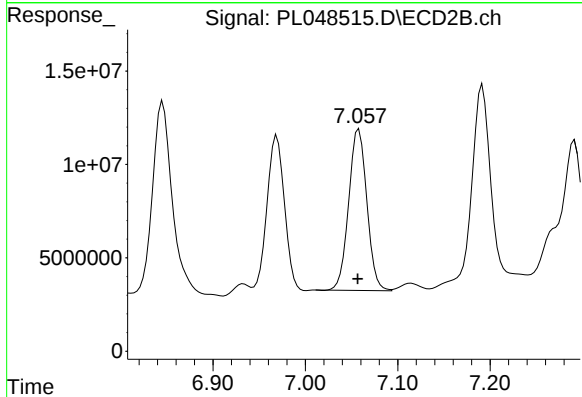
#17 4,4'-DDT

R.T.: 6.184 min  
Delta R.T.: 0.000 min  
Response: 533698952  
Conc: 53.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RT-2683-RT-5156MS

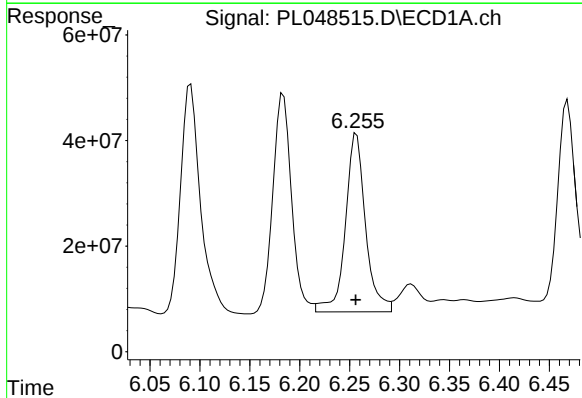
Manual Integrations  
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5/15/2019 2:05:36 PM



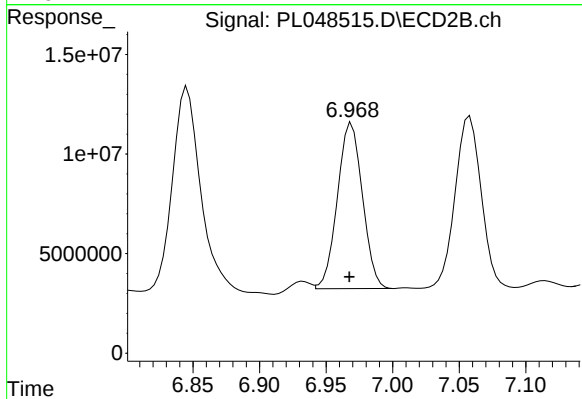
#17 4,4'-DDT

R.T.: 7.058 min  
Delta R.T.: 0.001 min  
Response: 118146090  
Conc: 50.35 ng/ml



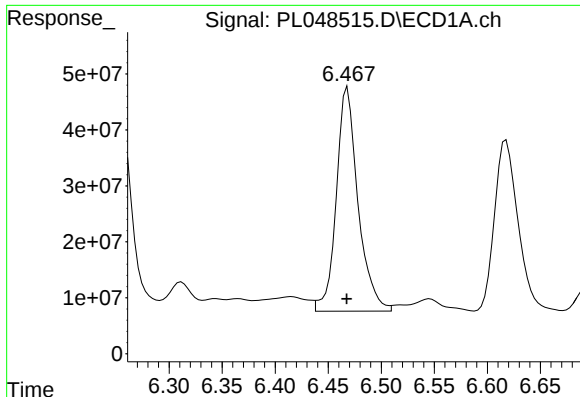
#18 Endrin aldehyde

R.T.: 6.257 min  
Delta R.T.: 0.000 min  
Response: 475057652  
Conc: 48.88 ng/ml



#18 Endrin aldehyde

R.T.: 6.968 min  
Delta R.T.: 0.000 min  
Response: 108896615  
Conc: 46.47 ng/ml m



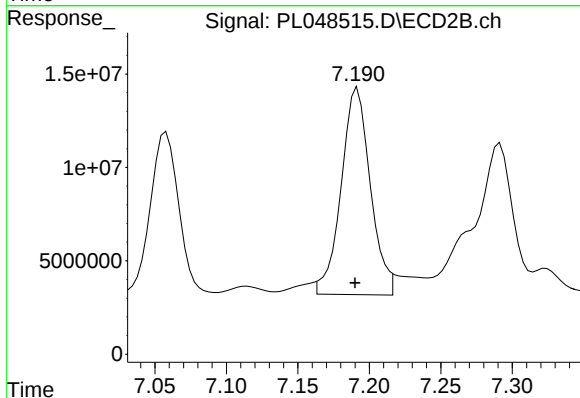
#19 Endosulfan Sulfate

R.T.: 6.468 min  
Delta R.T.: 0.000 min  
Response: 569598892  
Conc: 53.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RT-2683-RT-5156MS

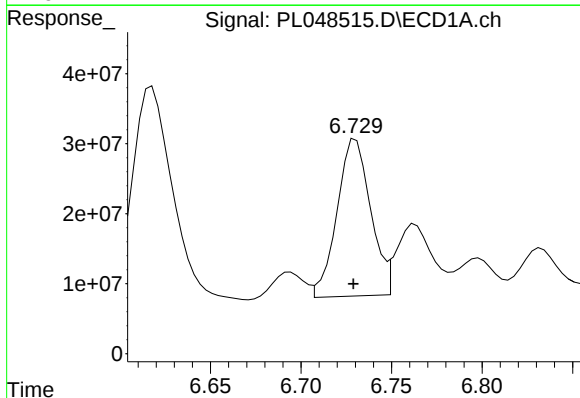
Manual Integrations  
APPROVED

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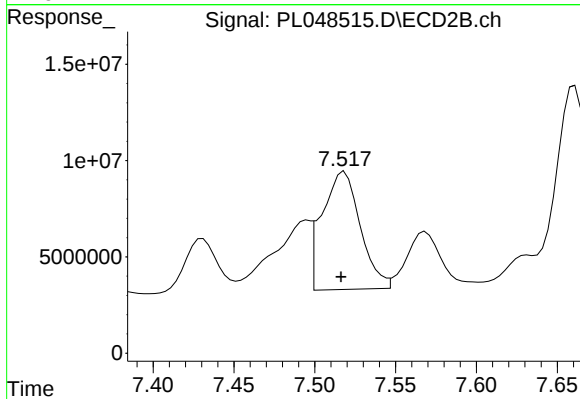
#19 Endosulfan Sulfate

R.T.: 7.190 min  
Delta R.T.: 0.000 min  
Response: 156888382  
Conc: 60.62 ng/ml m



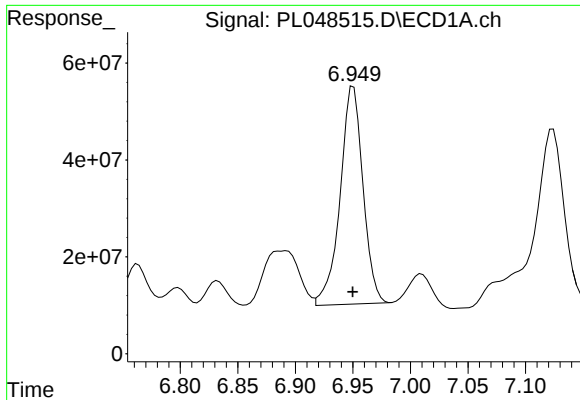
#20 Methoxychlor

R.T.: 6.730 min  
Delta R.T.: 0.002 min  
Response: 289841669  
Conc: 53.23 ng/ml



#20 Methoxychlor

R.T.: 7.517 min  
Delta R.T.: 0.000 min  
Response: 97873451  
Conc: 71.69 ng/ml m



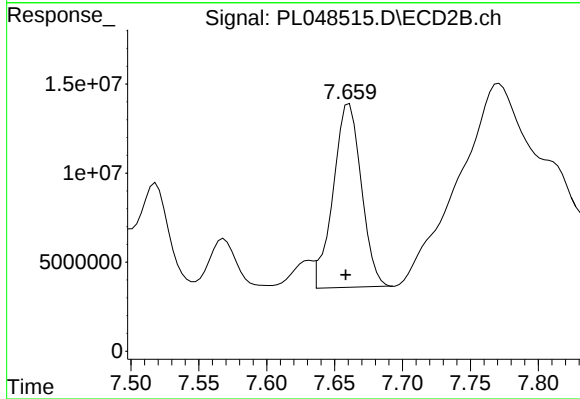
#21 Endrin ketone

R.T.: 6.950 min  
Delta R.T.: 0.000 min  
Response: 623984787  
Conc: 53.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RT-2683-RT-5156MS

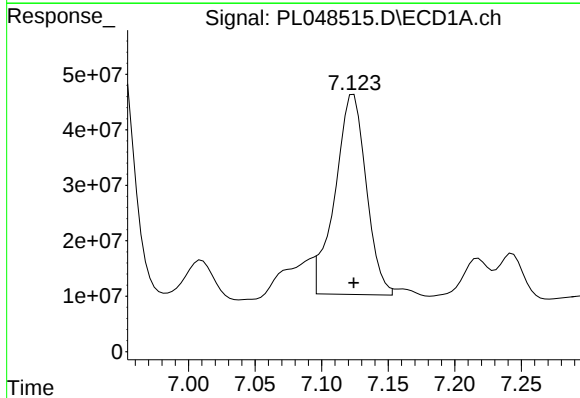
Manual Integrations  
APPROVED

Ankita  
5/15/2019 2:05:36 PM



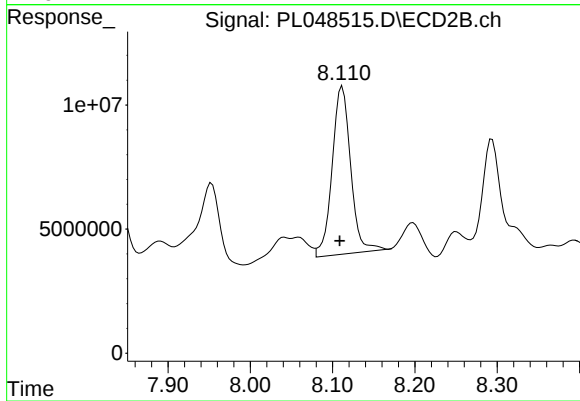
#21 Endrin ketone

R.T.: 7.659 min  
Delta R.T.: 0.001 min  
Response: 147883251  
Conc: 56.60 ng/ml m



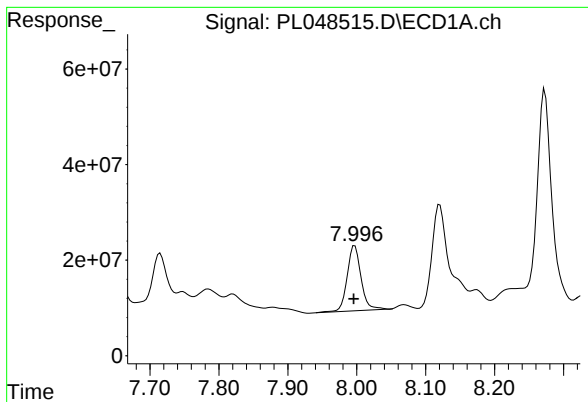
#22 Mirex

R.T.: 7.123 min  
Delta R.T.: -0.001 min  
Response: 583464161  
Conc: 65.09 ng/ml m



#22 Mirex

R.T.: 8.112 min  
Delta R.T.: 0.003 min  
Response: 104806457  
Conc: 49.70 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.997 min

Delta R.T.: 0.001 min

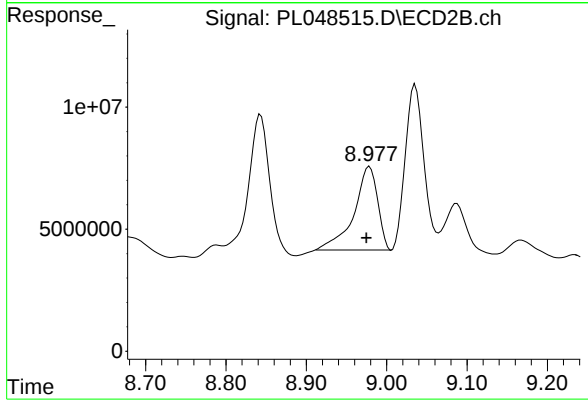
Response: 191979987

Conc: 19.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
RT-2683-RT-5156MS

Manual Integrations  
APPROVED

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#28 Decachlorobiphenyl

R.T.: 8.979 min

Delta R.T.: 0.004 min

Response: 70216333

Conc: 26.45 ng/ml