

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL093019\  
 Data File : PL052841.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Sep 2019 11:19  
 Operator : SG\AJ  
 Sample : K4839-09DL2 20X  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PT-PEST-WPDL2

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 30 14:16:51 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092919.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Sep 30 08:44:08 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... | 3.549 | 4.045 | 14542219 | 5131339  | 1.462   | 1.911 #  |
| 28)                         | SA Decachlor... | 8.344 | 9.122 | 17689859 | 4492004  | 1.766   | 1.531    |
| Target Compounds            |                 |       |       |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.994 | 4.437 | 341.4E6  | 75362478 | 21.401  | 19.625   |
| 3)                          | MA gamma-BHC... | 4.280 | 4.723 | 1112.3E6 | 264.1E6  | 76.371  | 72.945   |
| 4)                          | MA Heptachlor   | 4.589 | 5.233 | 327.9E6  | 81599926 | 21.943  | 21.413   |
| 5)                          | MB Aldrin       | 4.842 | 5.538 | 251.1E6  | 62637815 | 18.254  | 18.074   |
| 6)                          | B beta-BHC      | 4.530 | 4.889 | 707.5E6  | 184.7E6  | 113.960 | 117.537m |
| 8)                          | B Heptachlo...  | 5.287 | 5.924 | 233.6E6  | 61886910 | 17.927  | 18.465   |
| 9)                          | A Endosulfan I  | 5.631 | 6.281 | 1539.4E6 | 398.9E6  | 126.847 | 127.614  |
| 10)                         | B gamma-Chl...  | 5.517 | 6.157 | 571.9E6  | 143.1E6  | 42.523  | 42.305   |
| 11)                         | B alpha-Chl...  | 5.576 | 6.231 | 586.4E6  | 148.2E6  | 44.462  | 44.023   |
| 12)                         | B 4,4'-DDE      | 5.739 | 6.386 | 683.0E6  | 187.3E6  | 58.843  | 57.339   |
| 13)                         | MA Dieldrin     | 5.876 | 6.538 | 990.1E6  | 245.7E6  | 76.706  | 75.314   |
| 14)                         | MA Endrin       | 6.134 | 6.755 | 1063.6E6 | 257.1E6  | 93.375  | 92.585   |
| 15)                         | B Endosulfa...  | 6.408 | 6.963 | 780.0E6  | 198.5E6  | 68.064  | 66.905   |
| 16)                         | A 4,4'-DDD      | 6.258 | 6.875 | 473.4E6  | 127.2E6  | 52.666  | 51.872   |
| 17)                         | MA 4,4'-DDT     | 6.500 | 7.174 | 544.6E6  | 137.2E6  | 53.324  | 52.723   |
| 18)                         | B Endrin al...  | 6.576 | 7.087 | 1231.9E6 | 322.5E6  | 131.176 | 131.499  |
| 19)                         | B Endosulfa...  | 6.788 | 7.309 | 838.4E6  | 216.8E6  | 80.541  | 79.410   |
| 20)                         | A Methoxychlor  | 7.047 | 7.631 | 412.3E6  | 115.2E6  | 79.932  | 81.848   |
| 21)                         | B Endrin ke...  | 7.283 | 7.781 | 1364.9E6 | 329.6E6  | 117.107 | 115.519  |
| -----                       |                 |       |       |          |          |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL093019\  
Data File : PL052841.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 Sep 2019 11:19  
Operator : SG\AJ  
Sample : K4839-09DL2 20X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

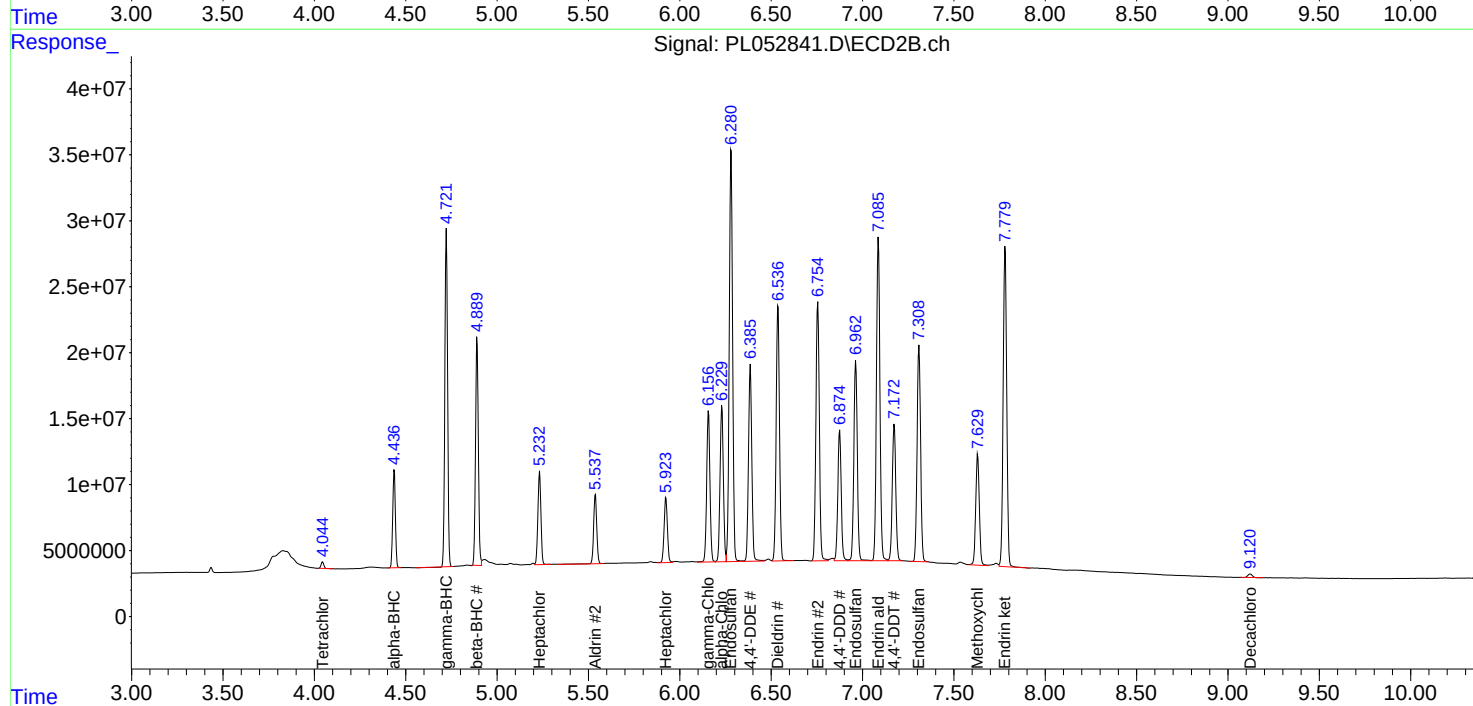
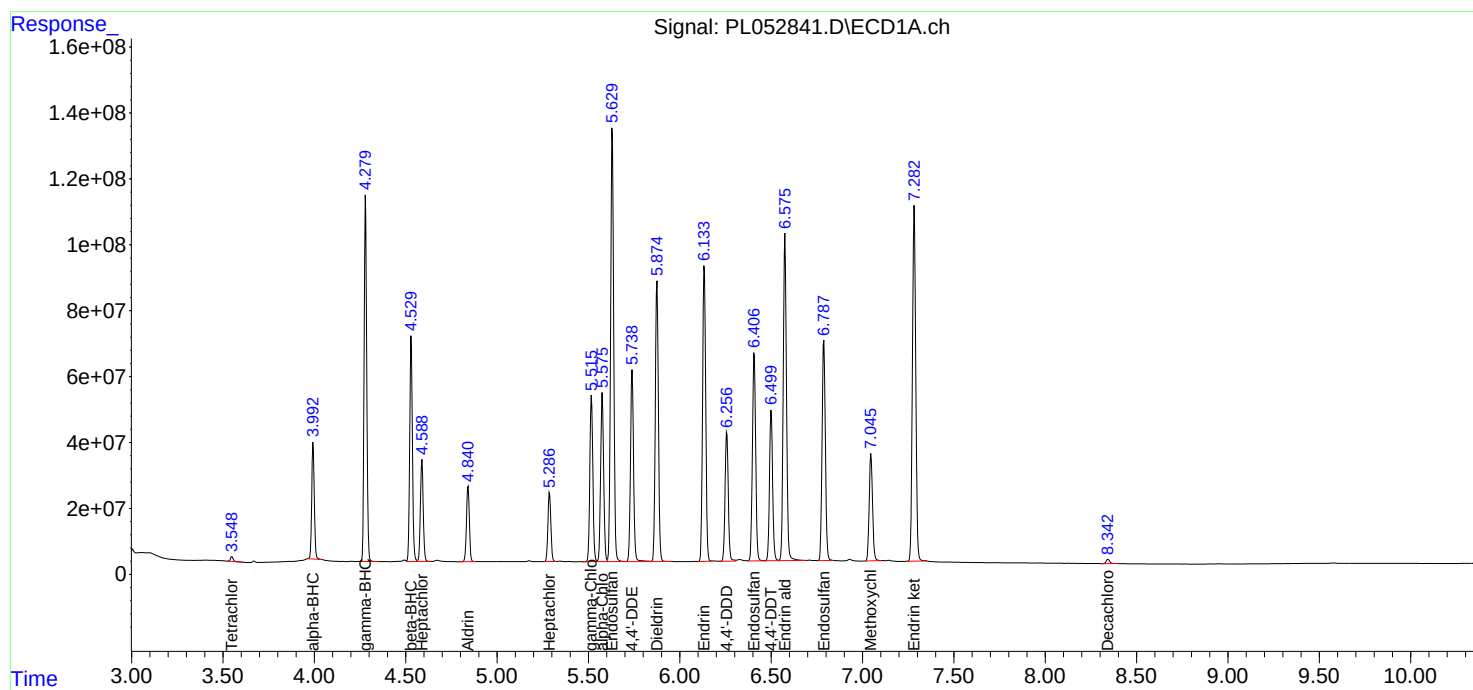
Instrument :  
ECD\_L  
ClientSampled :  
PT-PEST-WPDL2

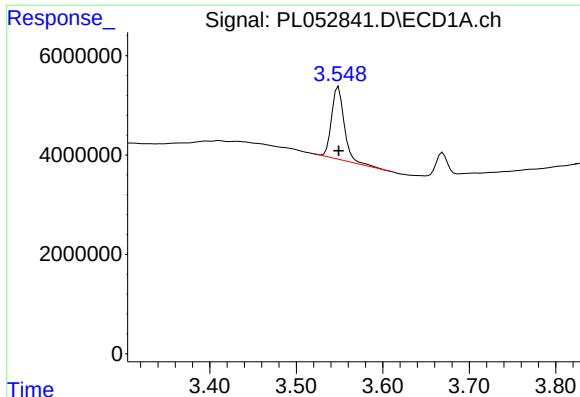
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 30 14:16:51 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092919.M  
Quant Title : GC Extractables  
QLast Update : Mon Sep 30 08:44:08 2019  
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





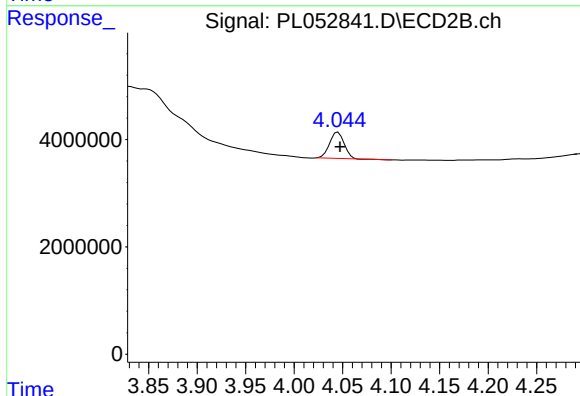
#1 Tetrachloro-m-xylene

R.T.: 3.549 min  
Delta R.T.: 0.000 min  
Response: 14542219  
Conc: 1.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PT-PEST-WPDL2

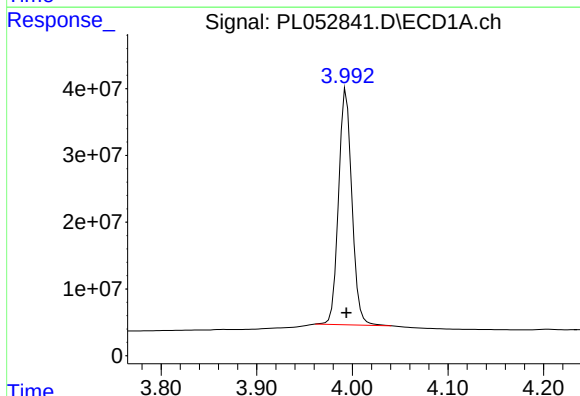
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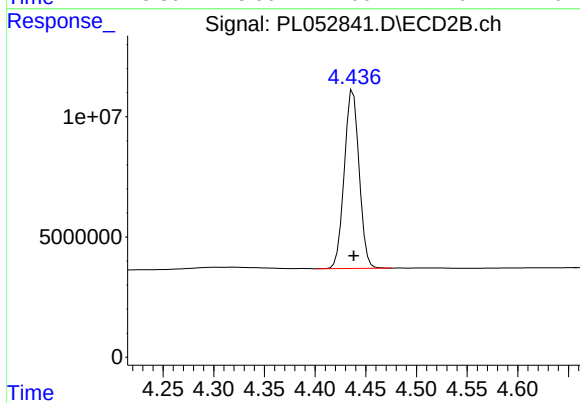
#1 Tetrachloro-m-xylene

R.T.: 4.045 min  
Delta R.T.: -0.002 min  
Response: 5131339  
Conc: 1.91 ng/ml



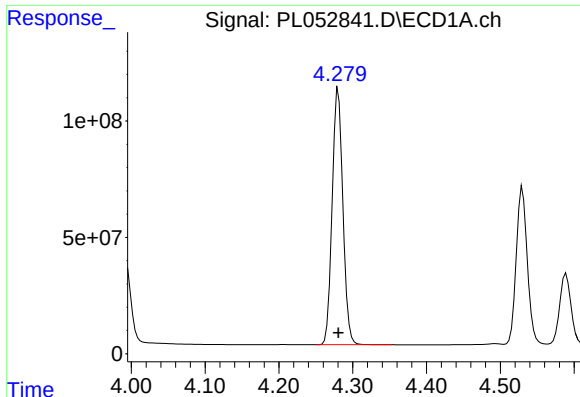
#2 alpha-BHC

R.T.: 3.994 min  
Delta R.T.: 0.000 min  
Response: 341353986  
Conc: 21.40 ng/ml



#2 alpha-BHC

R.T.: 4.437 min  
Delta R.T.: 0.000 min  
Response: 75362478  
Conc: 19.63 ng/ml



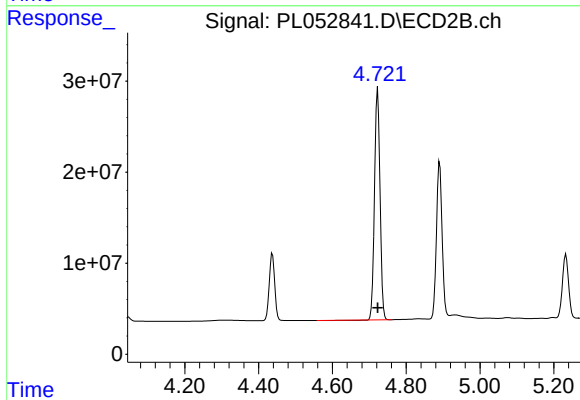
#3 gamma-BHC (Lindane)

R.T.: 4.280 min  
Delta R.T.: 0.000 min  
Response: 1112316029  
Conc: 76.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PT-PEST-WPDL2

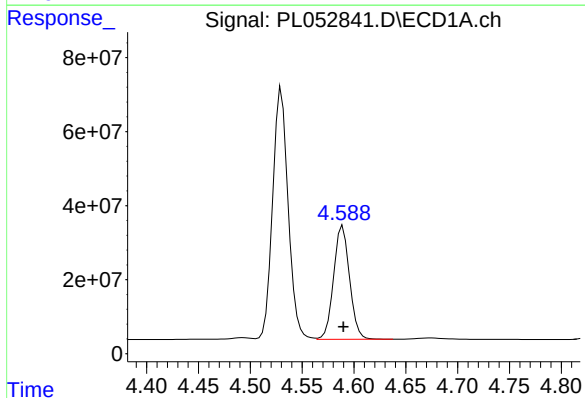
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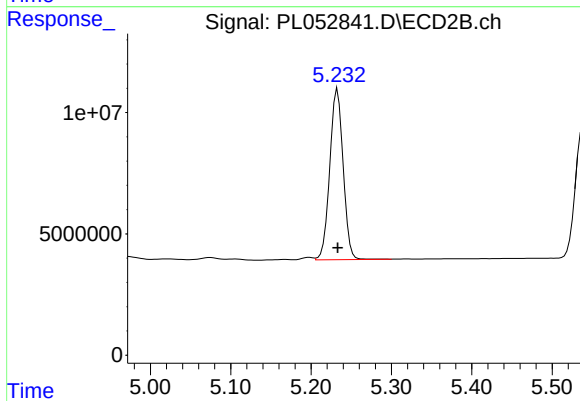
#3 gamma-BHC (Lindane)

R.T.: 4.723 min  
Delta R.T.: 0.000 min  
Response: 264147389  
Conc: 72.94 ng/ml



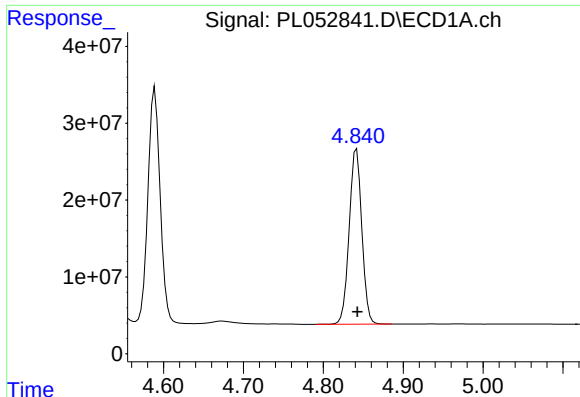
#4 Heptachlor

R.T.: 4.589 min  
Delta R.T.: 0.000 min  
Response: 327873812  
Conc: 21.94 ng/ml



#4 Heptachlor

R.T.: 5.233 min  
Delta R.T.: 0.000 min  
Response: 81599926  
Conc: 21.41 ng/ml



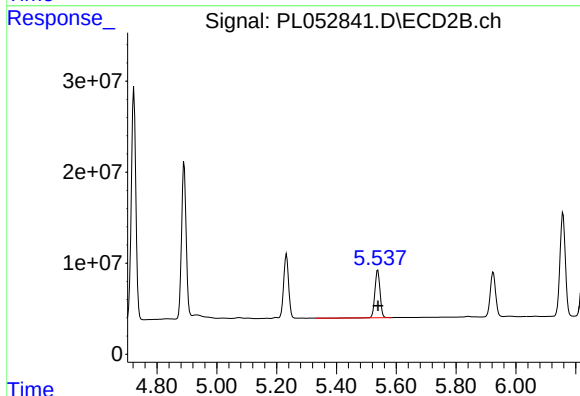
#5 Aldrin

R.T.: 4.842 min  
Delta R.T.: 0.000 min  
Response: 251089493  
Conc: 18.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PT-PEST-WPDL2

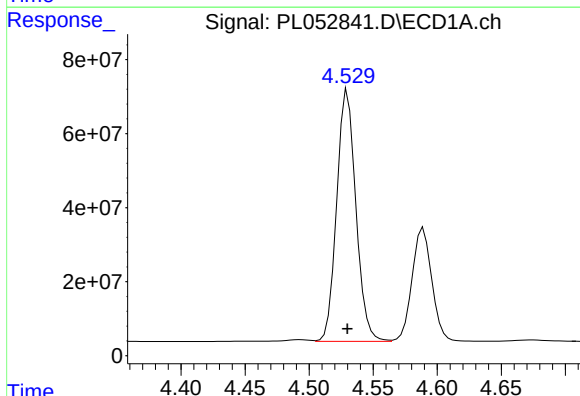
Manual Integrations  
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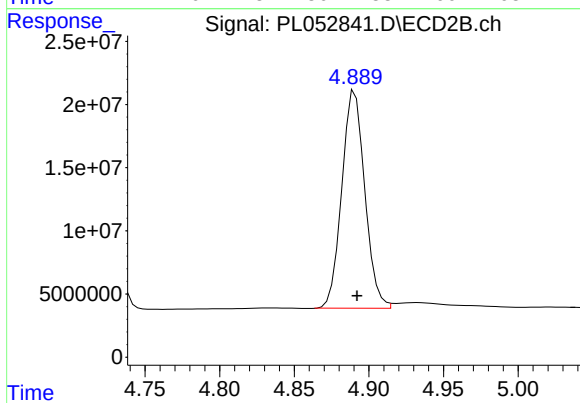
#5 Aldrin

R.T.: 5.538 min  
Delta R.T.: 0.000 min  
Response: 62637815  
Conc: 18.07 ng/ml



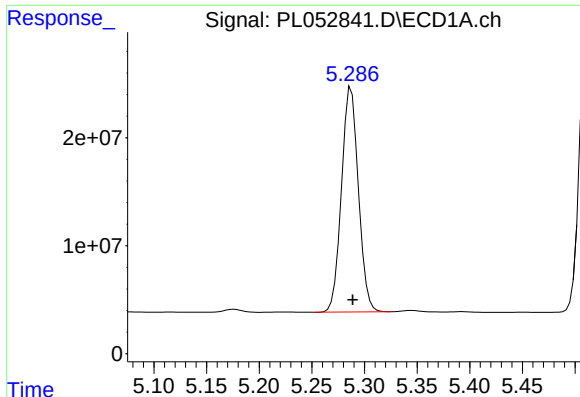
#6 beta-BHC

R.T.: 4.530 min  
Delta R.T.: 0.000 min  
Response: 707530286  
Conc: 113.96 ng/ml



#6 beta-BHC

R.T.: 4.889 min  
Delta R.T.: -0.003 min  
Response: 184746030  
Conc: 117.54 ng/ml m



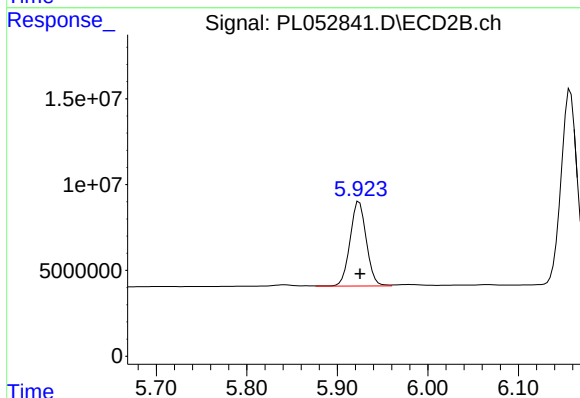
#8 Heptachlor epoxide

R.T.: 5.287 min  
Delta R.T.: -0.002 min  
Response: 233601693  
Conc: 17.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PT-PEST-WPDL2

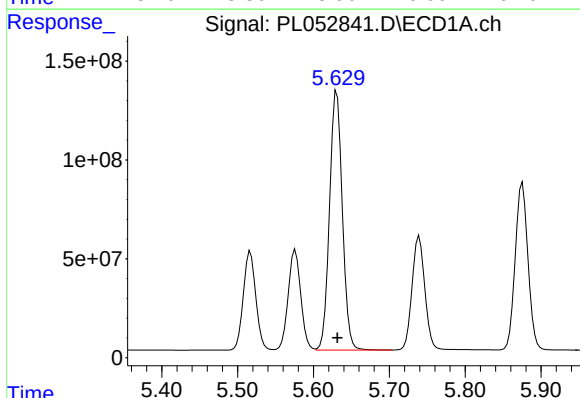
Manual Integrations  
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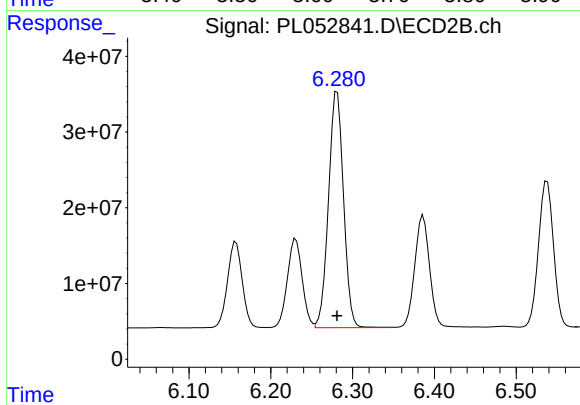
#8 Heptachlor epoxide

R.T.: 5.924 min  
Delta R.T.: 0.000 min  
Response: 61886910  
Conc: 18.47 ng/ml



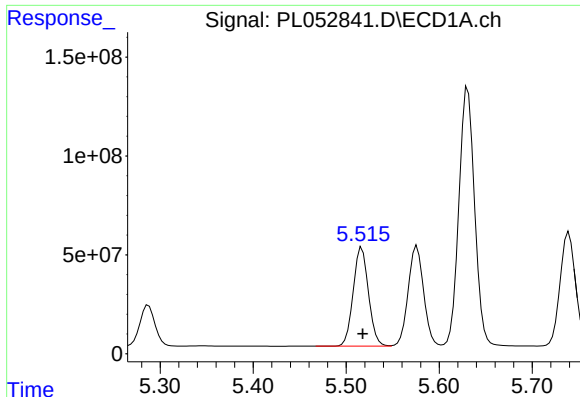
#9 Endosulfan I

R.T.: 5.631 min  
Delta R.T.: 0.000 min  
Response: 1539390319  
Conc: 126.85 ng/ml



#9 Endosulfan I

R.T.: 6.281 min  
Delta R.T.: 0.000 min  
Response: 398883196  
Conc: 127.61 ng/ml



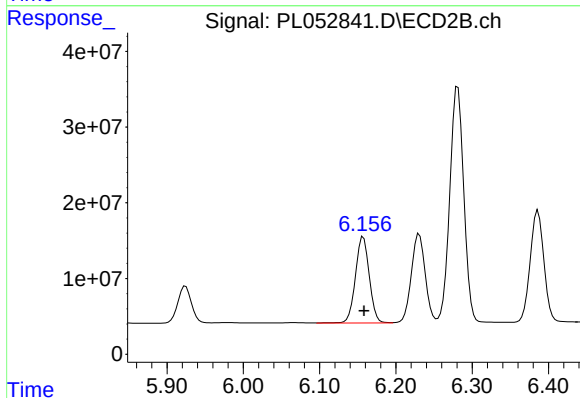
#10 gamma-Chlordane

R.T.: 5.517 min  
Delta R.T.: -0.001 min  
Response: 571850523  
Conc: 42.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PT-PEST-WPDL2

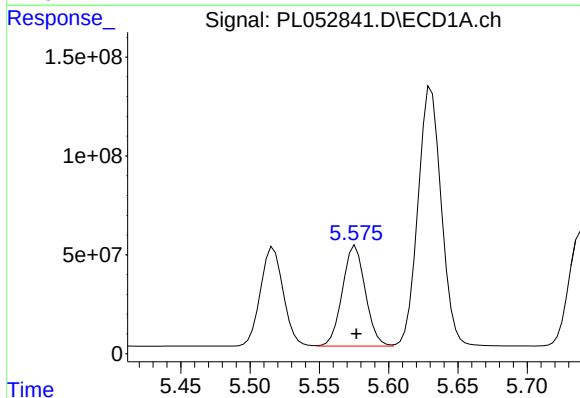
Manual Integrations  
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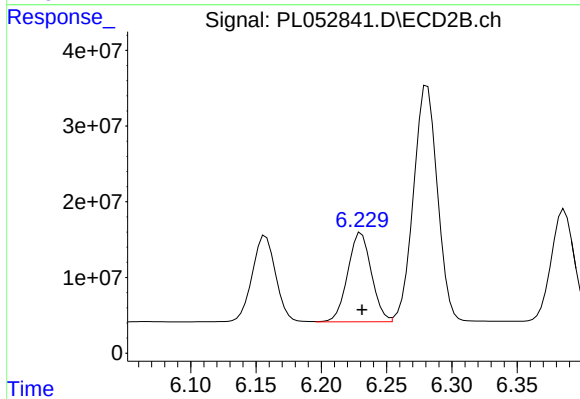
#10 gamma-Chlordane

R.T.: 6.157 min  
Delta R.T.: 0.000 min  
Response: 143123336  
Conc: 42.31 ng/ml



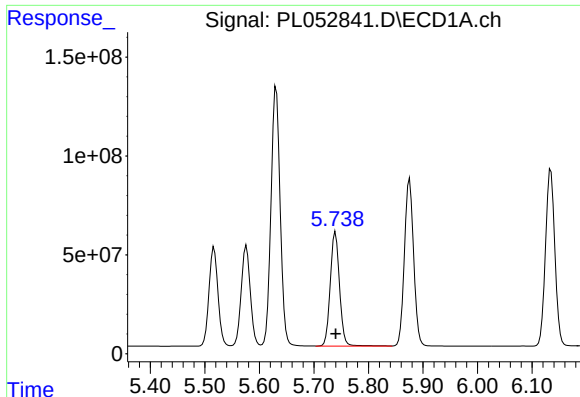
#11 alpha-Chlordane

R.T.: 5.576 min  
Delta R.T.: 0.000 min  
Response: 586419280  
Conc: 44.46 ng/ml



#11 alpha-Chlordane

R.T.: 6.231 min  
Delta R.T.: 0.000 min  
Response: 148180372  
Conc: 44.02 ng/ml



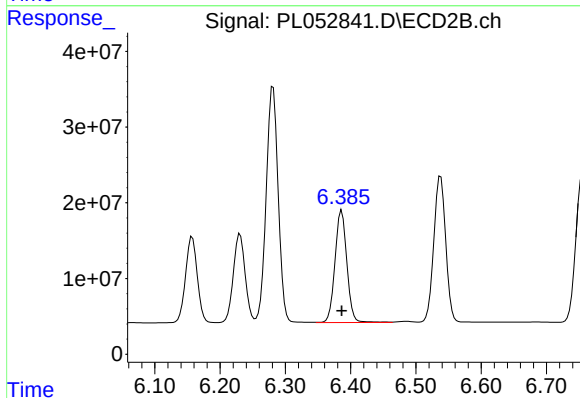
#12 4,4'-DDE

R.T.: 5.739 min  
Delta R.T.: 0.000 min  
Response: 682952673  
Conc: 58.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PT-PEST-WPDL2

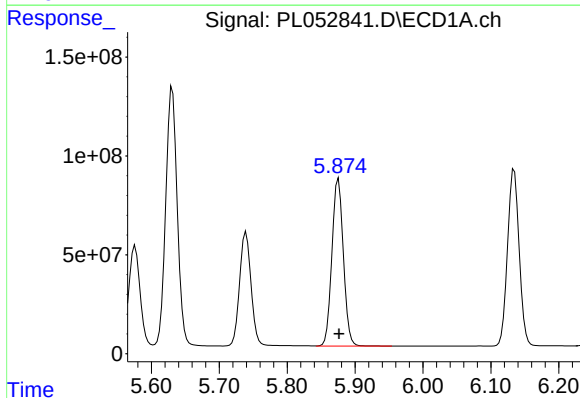
Manual Integrations  
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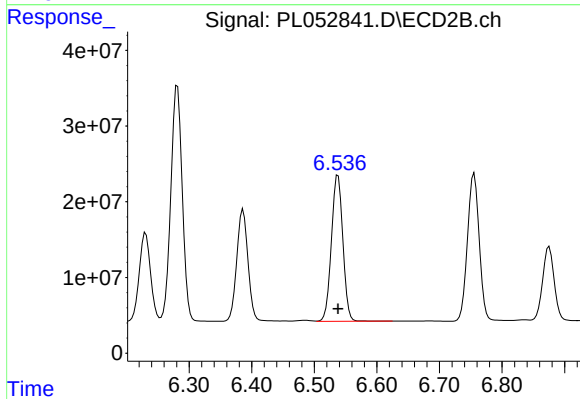
#12 4,4'-DDE

R.T.: 6.386 min  
Delta R.T.: 0.000 min  
Response: 187278283  
Conc: 57.34 ng/ml



#13 Dieldrin

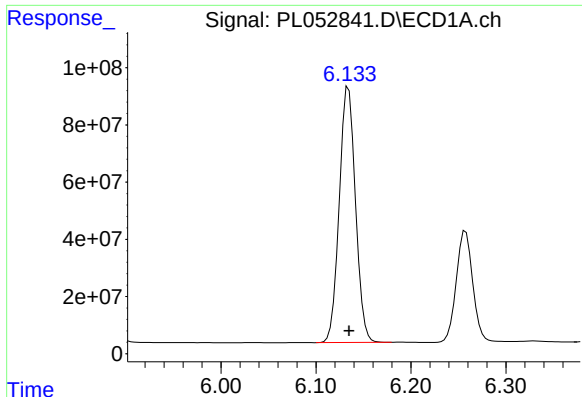
R.T.: 5.876 min  
Delta R.T.: 0.000 min  
Response: 990134704  
Conc: 76.71 ng/ml



#13 Dieldrin

R.T.: 6.538 min  
Delta R.T.: 0.000 min  
Response: 245672150  
Conc: 75.31 ng/ml





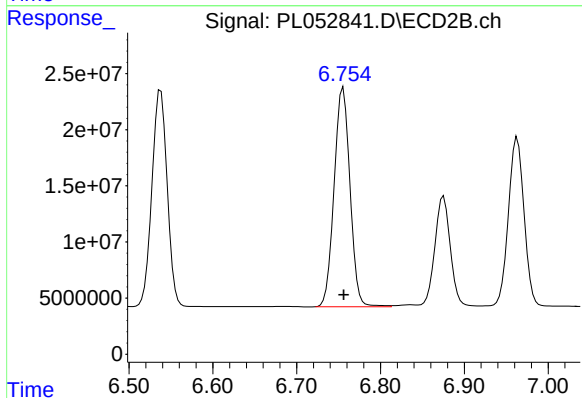
#14 Endrin

R.T.: 6.134 min  
Delta R.T.: 0.000 min  
Response: 1063612314  
Conc: 93.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PT-PEST-WPDL2

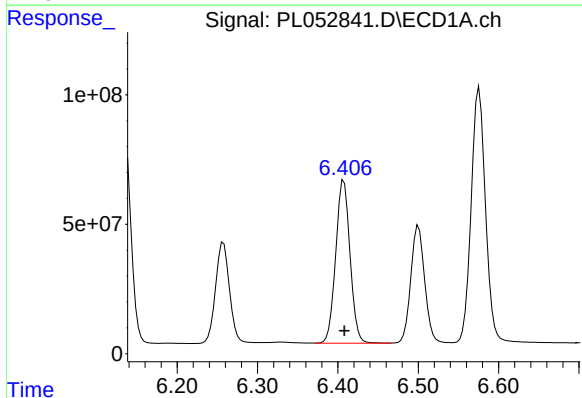
Manual Integrations  
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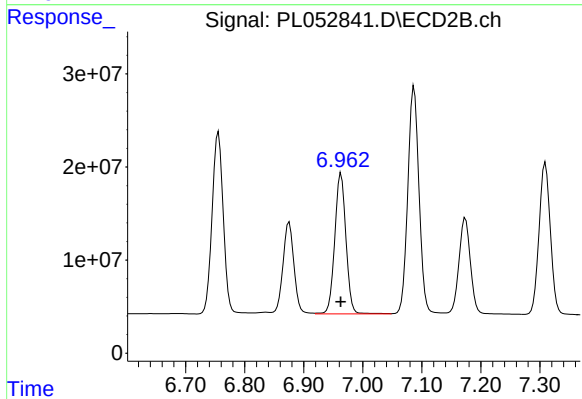
#14 Endrin

R.T.: 6.755 min  
Delta R.T.: 0.000 min  
Response: 257097746  
Conc: 92.58 ng/ml



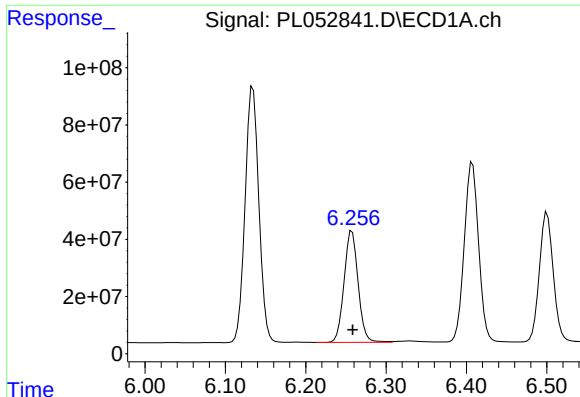
#15 Endosulfan II

R.T.: 6.408 min  
Delta R.T.: 0.000 min  
Response: 779979655  
Conc: 68.06 ng/ml



#15 Endosulfan II

R.T.: 6.963 min  
Delta R.T.: 0.000 min  
Response: 198506291  
Conc: 66.91 ng/ml



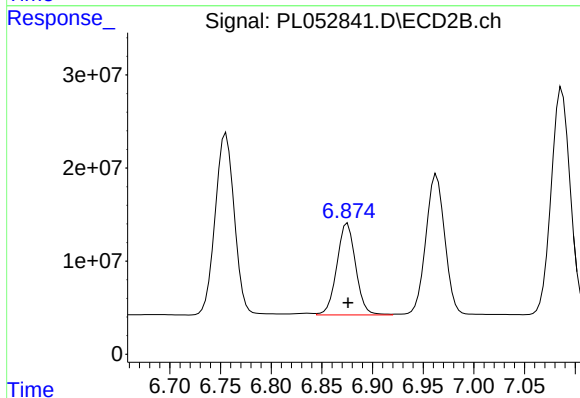
#16 4,4'-DDD

R.T.: 6.258 min  
Delta R.T.: 0.000 min  
Response: 473377648  
Conc: 52.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PT-PEST-WPDL2

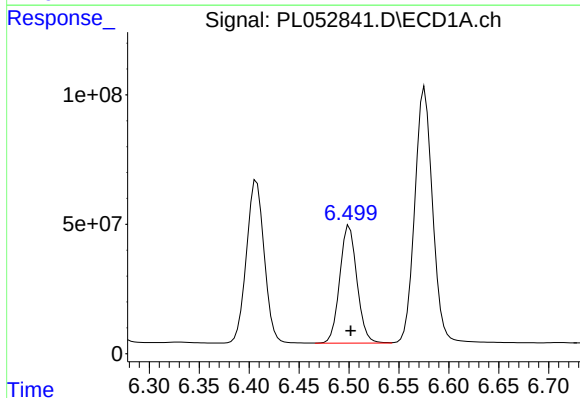
Manual Integrations  
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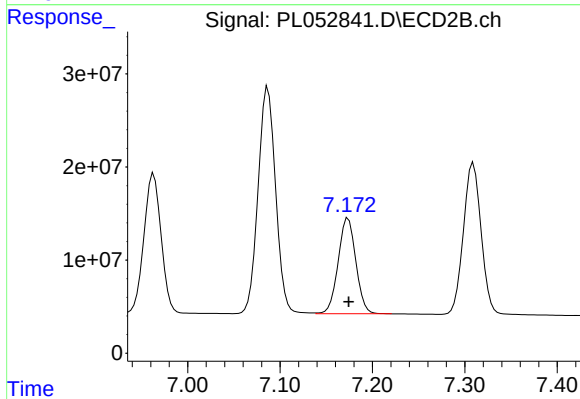
#16 4,4'-DDD

R.T.: 6.875 min  
Delta R.T.: 0.000 min  
Response: 127218774  
Conc: 51.87 ng/ml



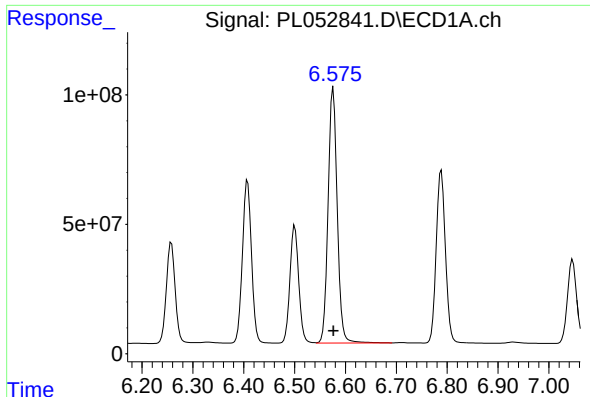
#17 4,4'-DDT

R.T.: 6.500 min  
Delta R.T.: -0.001 min  
Response: 544566241  
Conc: 53.32 ng/ml



#17 4,4'-DDT

R.T.: 7.174 min  
Delta R.T.: 0.000 min  
Response: 137213979  
Conc: 52.72 ng/ml



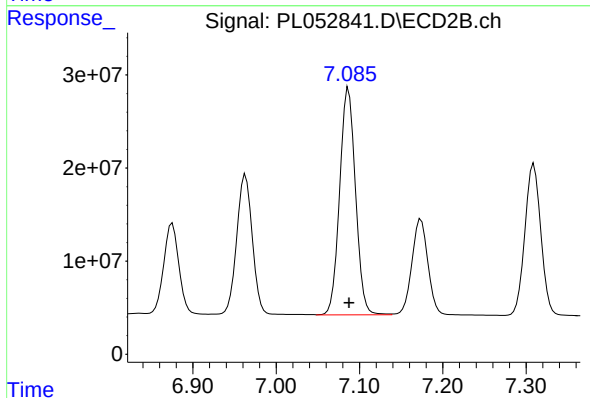
#18 Endrin aldehyde

R.T.: 6.576 min  
Delta R.T.: 0.000 min  
Response: 1231850873  
Conc: 131.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PT-PEST-WPDL2

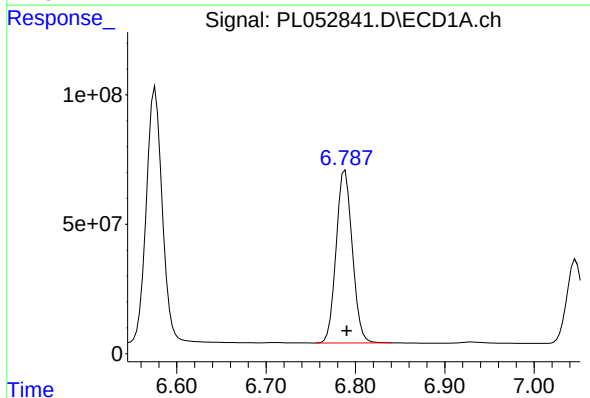
Manual Integrations  
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10/2/2019 1:45:40 PM



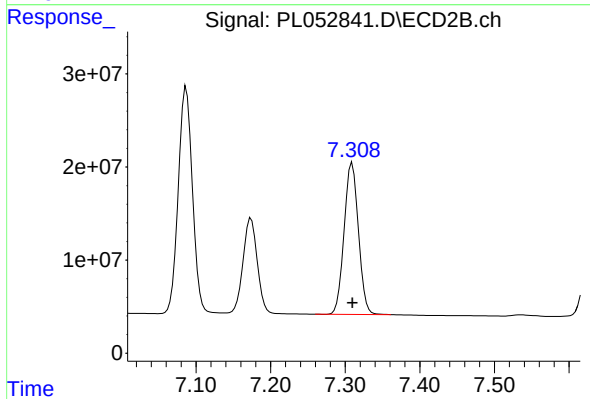
#18 Endrin aldehyde

R.T.: 7.087 min  
Delta R.T.: 0.000 min  
Response: 322521978  
Conc: 131.50 ng/ml



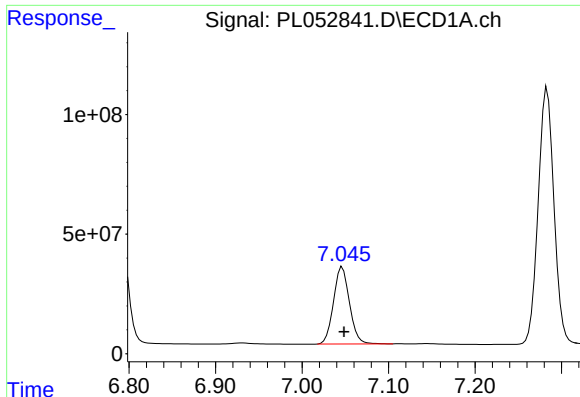
#19 Endosulfan Sulfate

R.T.: 6.788 min  
Delta R.T.: -0.002 min  
Response: 838354513  
Conc: 80.54 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.309 min  
Delta R.T.: 0.000 min  
Response: 216822219  
Conc: 79.41 ng/ml



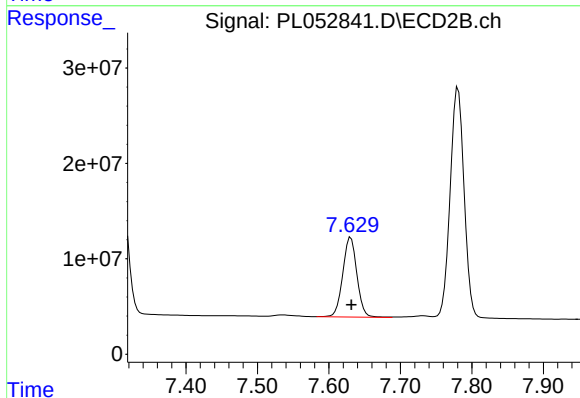
#20 Methoxychlor

R.T.: 7.047 min  
Delta R.T.: -0.002 min  
Response: 412302902  
Conc: 79.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PT-PEST-WPDL2

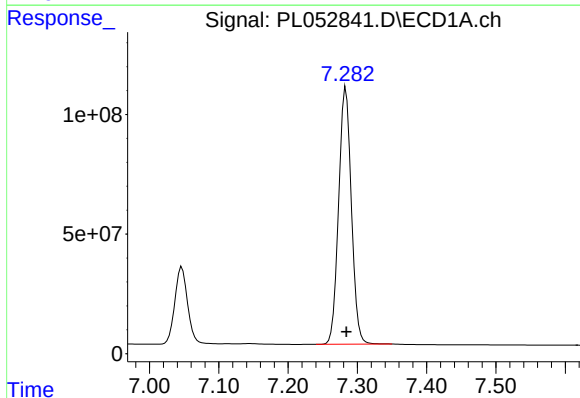
Manual Integrations  
APPROVED

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10/2/2019 1:45:40 PM



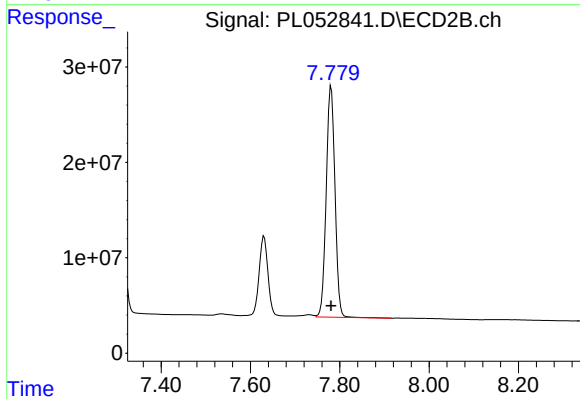
#20 Methoxychlor

R.T.: 7.631 min  
Delta R.T.: 0.000 min  
Response: 115235650  
Conc: 81.85 ng/ml



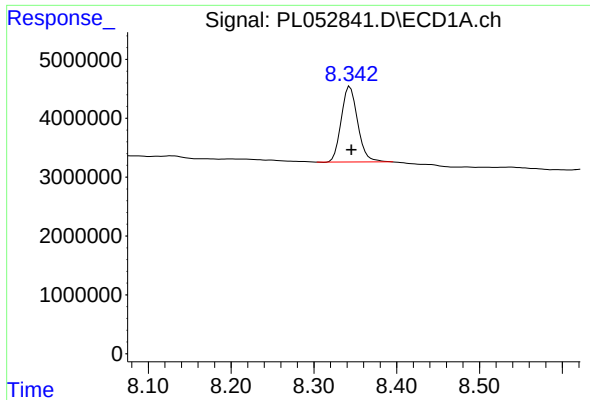
#21 Endrin ketone

R.T.: 7.283 min  
Delta R.T.: 0.000 min  
Response: 1364881455  
Conc: 117.11 ng/ml



#21 Endrin ketone

R.T.: 7.781 min  
Delta R.T.: 0.000 min  
Response: 329562017  
Conc: 115.52 ng/ml



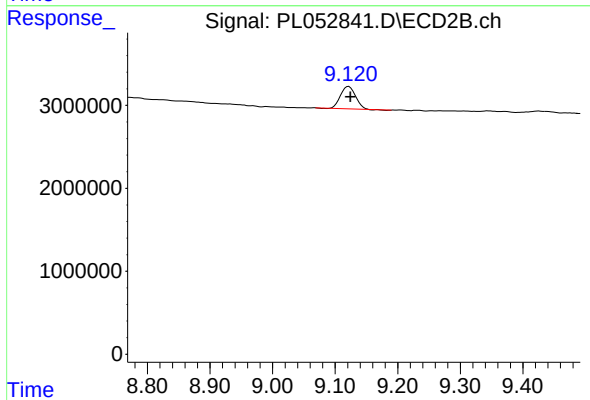
#28 Decachlorobiphenyl

R.T.: 8.344 min  
Delta R.T.: -0.002 min  
Response: 17689859  
Conc: 1.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PT-PEST-WPDL2

Manual Integrations  
APPROVED

Ankita  
10/2/2019 1:45:40 PM



#28 Decachlorobiphenyl

R.T.: 9.122 min  
Delta R.T.: -0.003 min  
Response: 4492004  
Conc: 1.53 ng/ml