

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092618\  
 Data File : PL040400.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 26 Sep 2018 20:35  
 Operator : AJ\SJ  
 Sample : J4870-09DL2 20X  
 Misc :  
 ALS Vial : 25 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 27 02:19:18 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092618.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Sep 27 01:27:39 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... | 3.210 | 3.800 | 7322120  | 8743011  | 1.000m | 2.769 # |
| 2)                          | SA Decachlor... | 7.815 | 8.731 | 11478014 | 3787914  | 1.207m | 1.196m  |
| Target Compounds            |                 |       |       |          |          |        |         |
| 2)                          | A alpha-BHC     | 3.633 | 4.179 | 954.3E6  | 367.1E6  | 81.561 | 77.419  |
| 3)                          | MA gamma-BHC... | 3.903 | 4.452 | 803.0E6  | 320.1E6  | 73.857 | 70.524  |
| 4)                          | MA Heptachlor   | 4.177 | 4.951 | 304.3E6  | 112.9E6  | 25.865 | 26.579  |
| 5)                          | MB Aldrin       | 4.410 | 5.246 | 612.8E6  | 234.7E6  | 57.991 | 55.615m |
| 6)                          | B beta-BHC      | 4.157 | 4.616 | 318.4E6  | 129.0E6  | 75.426 | 64.567  |
| 8)                          | B Heptachlo...  | 4.840 | 5.623 | 278.8E6  | 96142143 | 26.930 | 25.046  |
| 9)                          | A Endosulfan I  | 5.164 | 5.971 | 296.4E6  | 103.7E6  | 29.406 | 27.881  |
| 10)                         | B gamma-Chl...  | 5.059 | 5.854 | 262.5E6  | 92667398 | 24.169 | 23.450  |
| 11)                         | B alpha-Chl...  | 5.114 | 5.926 | 317.0E6  | 112.7E6  | 30.262 | 28.714  |
| 12)                         | B 4,4'-DDE      | 5.284 | 6.084 | 311.3E6  | 106.1E6  | 28.163 | 26.342  |
| 13)                         | MA Dieldrin     | 5.400 | 6.222 | 401.3E6  | 135.5E6  | 36.636 | 35.457  |
| 14)                         | MA Endrin       | 5.649 | 6.434 | 200.7E6  | 60963199 | 20.206 | 18.661  |
| 15)                         | B Endosulfa...  | 5.923 | 6.637 | 608.1E6  | 206.4E6  | 61.034 | 59.030  |
| 16)                         | A 4,4'-DDD      | 5.789 | 6.563 | 226.4E6  | 75615414 | 24.529 | 23.801  |
| 17)                         | MA 4,4'-DDT     | 6.020 | 6.858 | 120.7E6  | 45297736 | 14.922 | 14.865  |
| 18)                         | B Endrin al...  | 6.090 | 6.760 | 686.5E6  | 246.5E6  | 81.753 | 82.349  |
| 19)                         | B Endosulfa...  | 6.300 | 6.980 | 503.6E6  | 171.8E6  | 52.610 | 53.409  |
| 20)                         | A Methoxychlor  | 6.566 | 7.314 | 411.5E6  | 131.4E6  | 85.201 | 86.256  |
| 21)                         | B Endrin ke...  | 6.775 | 7.439 | 946.6E6  | 227.9E6  | 87.250 | 74.125  |
| -----                       |                 |       |       |          |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092618\  
Data File : PL040400.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 26 Sep 2018 20:35  
Operator : AJ\SJ  
Sample : J4870-09DL2 20X  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

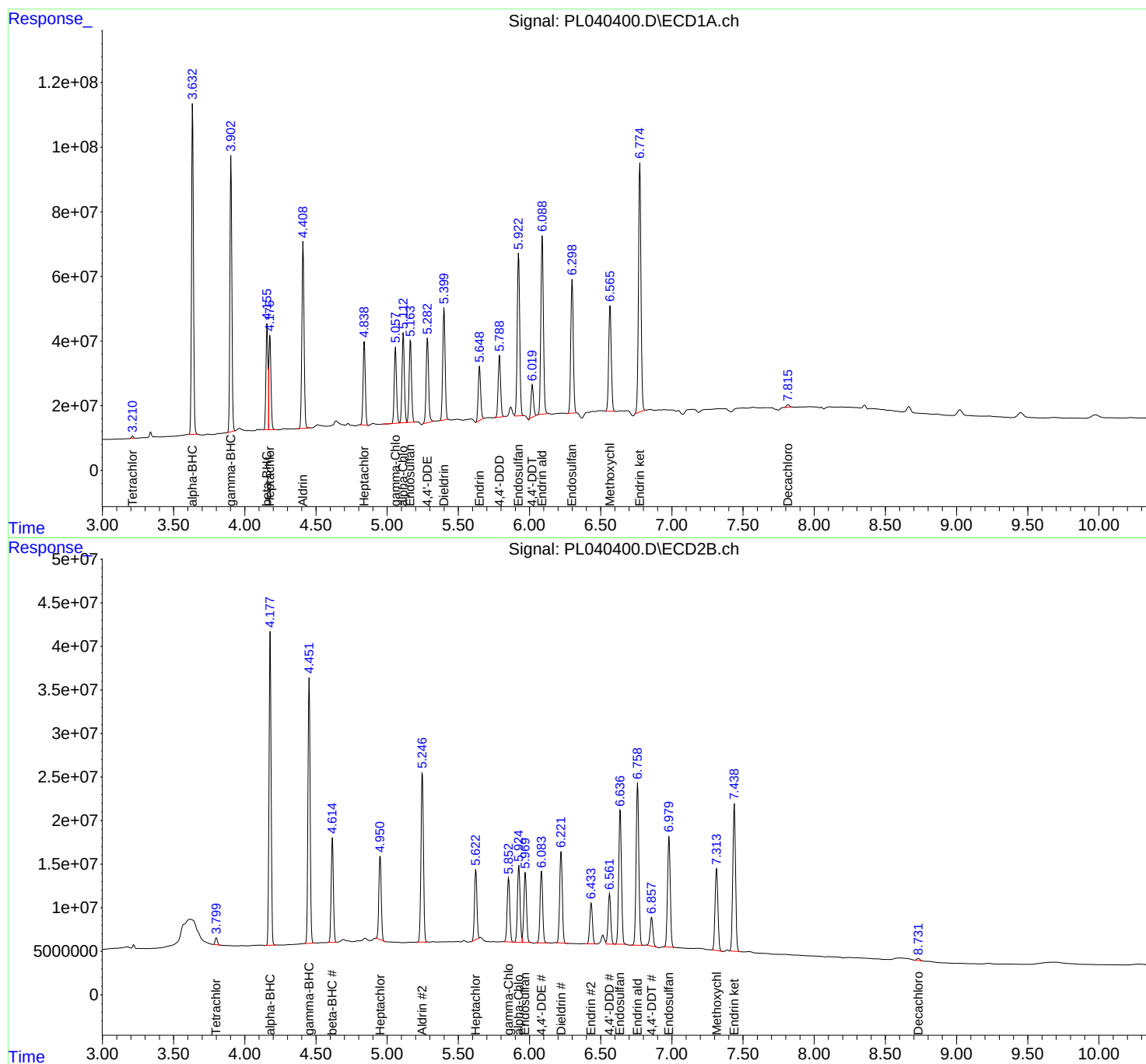
Instrument :  
ECD\_L  
ClientSampleId :  
PT-PEST-WPDL2

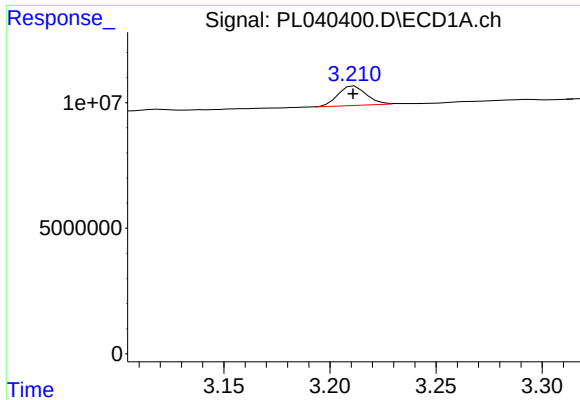
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 27 02:19:18 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092618.M  
Quant Title : GC Extractables  
QLast Update : Thu Sep 27 01:27:39 2018  
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





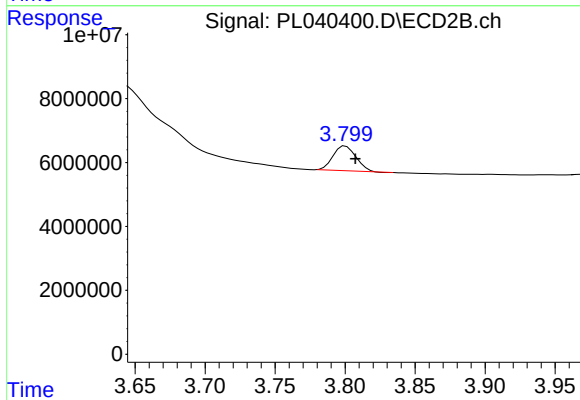
#1 Tetrachloro-m-xylene

R.T.: 3.210 min  
Delta R.T.: 0.000 min  
Response: 7322120  
Conc: 1.00 ng/ml m

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

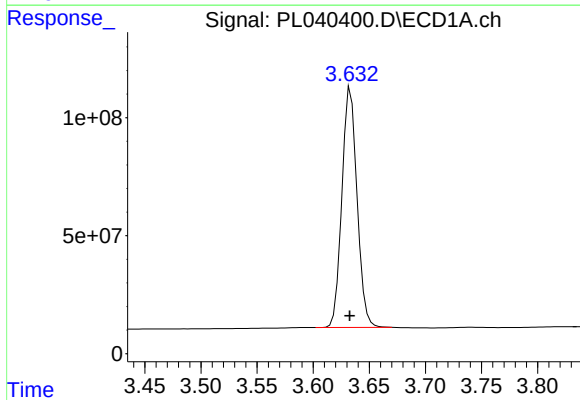
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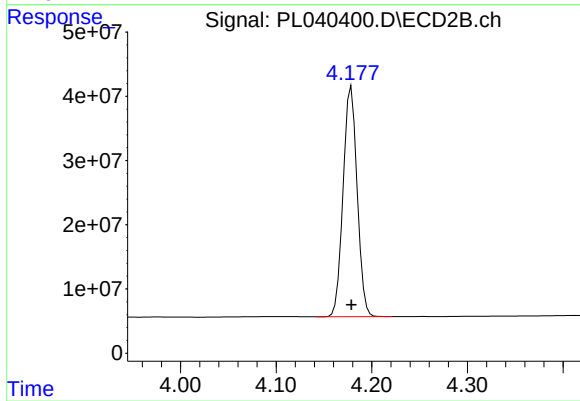
#1 Tetrachloro-m-xylene

R.T.: 3.800 min  
Delta R.T.: -0.007 min  
Response: 8743011  
Conc: 2.77 ng/ml



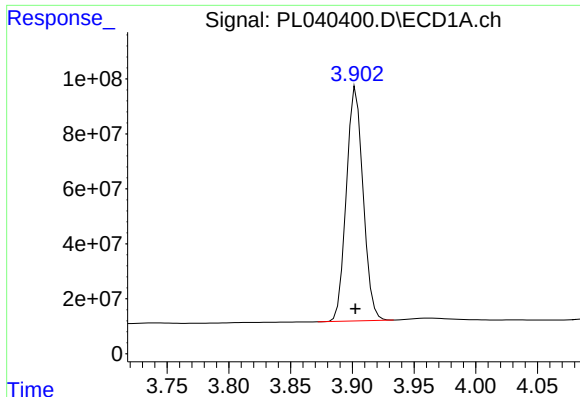
#2 alpha-BHC

R.T.: 3.633 min  
Delta R.T.: 0.000 min  
Response: 954297907  
Conc: 81.56 ng/ml



#2 alpha-BHC

R.T.: 4.179 min  
Delta R.T.: 0.000 min  
Response: 367057566  
Conc: 77.42 ng/ml



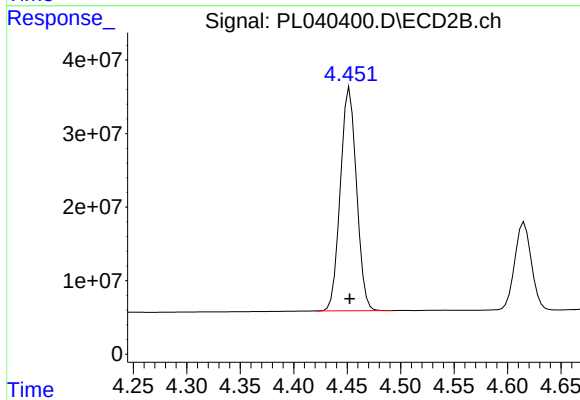
#3 gamma-BHC (Lindane)

R.T.: 3.903 min  
Delta R.T.: 0.000 min  
Response: 803014432  
Conc: 73.86 ng/ml

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

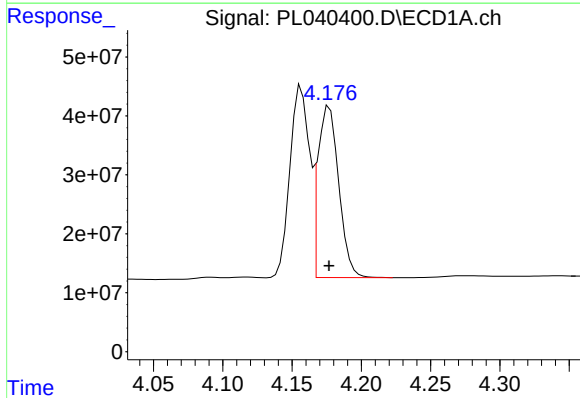
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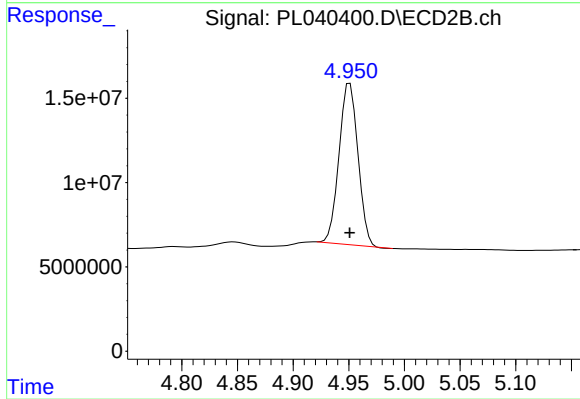
#3 gamma-BHC (Lindane)

R.T.: 4.452 min  
Delta R.T.: 0.000 min  
Response: 320052761  
Conc: 70.52 ng/ml



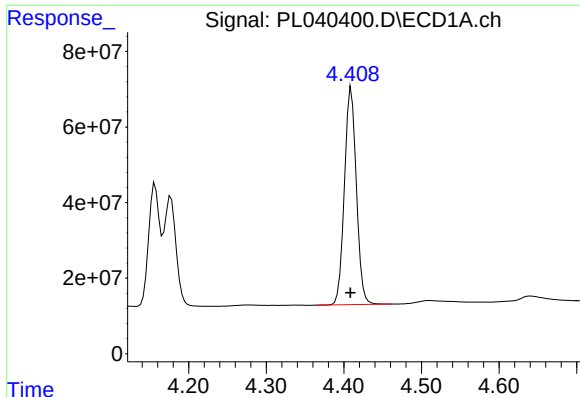
#4 Heptachlor

R.T.: 4.177 min  
Delta R.T.: 0.000 min  
Response: 304344165  
Conc: 25.86 ng/ml



#4 Heptachlor

R.T.: 4.951 min  
Delta R.T.: 0.000 min  
Response: 112903286  
Conc: 26.58 ng/ml



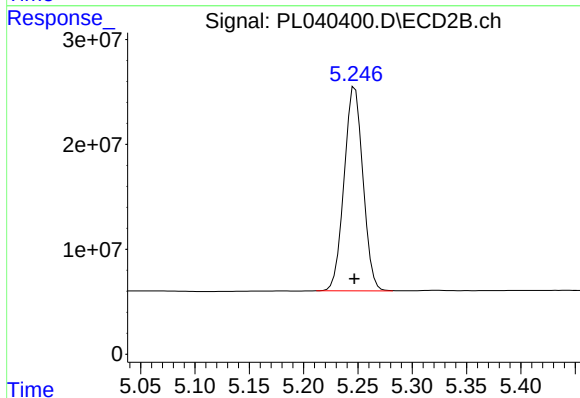
#5 Aldrin

R.T.: 4.410 min  
Delta R.T.: 0.001 min  
Response: 612750666  
Conc: 57.99 ng/ml

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

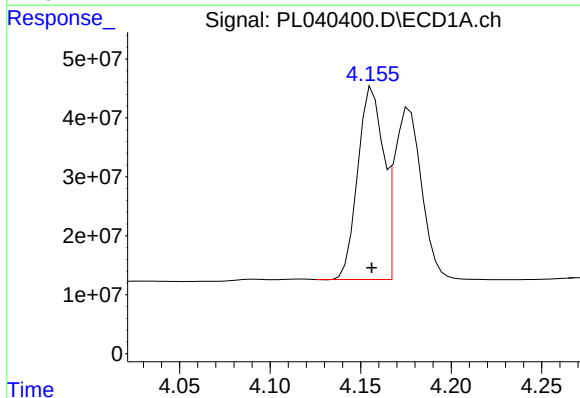
Manual Integrations  
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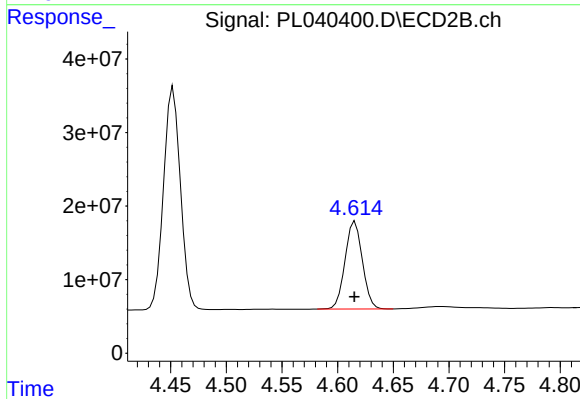
#5 Aldrin

R.T.: 5.246 min  
Delta R.T.: 0.000 min  
Response: 234707533  
Conc: 55.61 ng/ml m



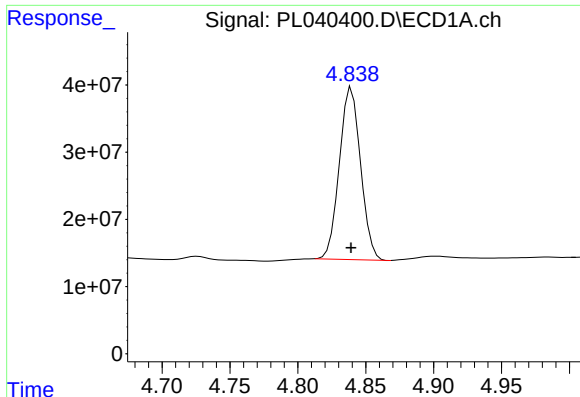
#6 beta-BHC

R.T.: 4.157 min  
Delta R.T.: 0.000 min  
Response: 318366293  
Conc: 75.43 ng/ml



#6 beta-BHC

R.T.: 4.616 min  
Delta R.T.: 0.000 min  
Response: 129012864  
Conc: 64.57 ng/ml



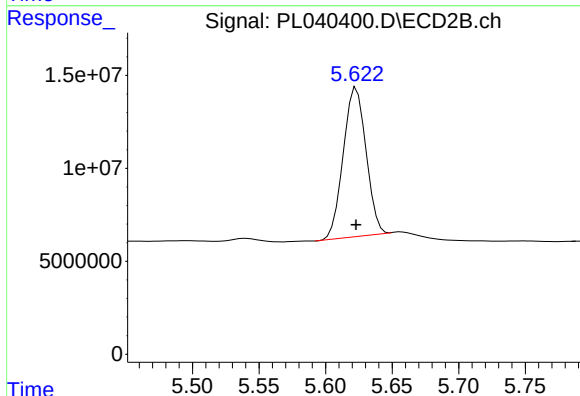
#8 Heptachlor epoxide

R.T.: 4.840 min  
Delta R.T.: 0.000 min  
Response: 278754138  
Conc: 26.93 ng/ml

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

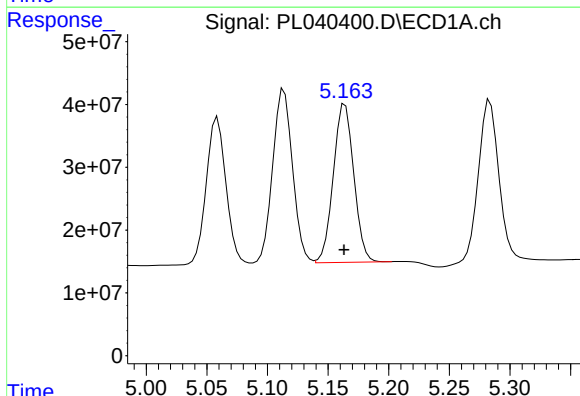
Manual Integrations  
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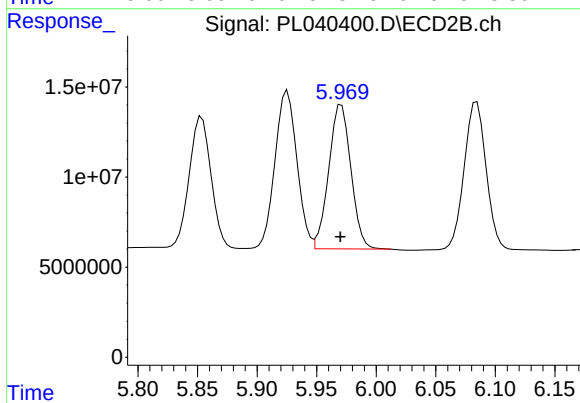
#8 Heptachlor epoxide

R.T.: 5.623 min  
Delta R.T.: 0.000 min  
Response: 96142143  
Conc: 25.05 ng/ml



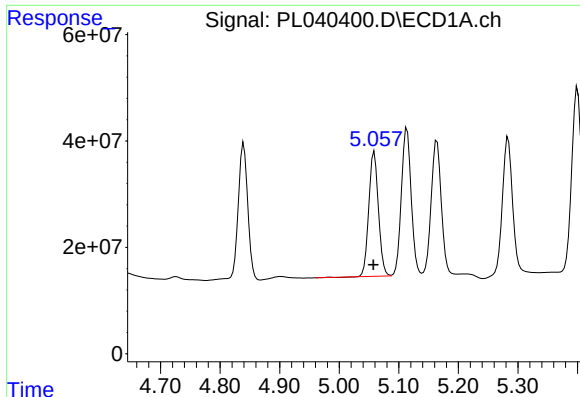
#9 Endosulfan I

R.T.: 5.164 min  
Delta R.T.: 0.000 min  
Response: 296400191  
Conc: 29.41 ng/ml



#9 Endosulfan I

R.T.: 5.971 min  
Delta R.T.: 0.000 min  
Response: 103734422  
Conc: 27.88 ng/ml



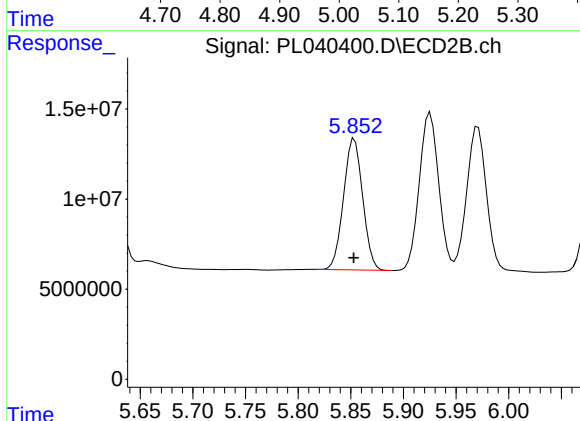
#10 gamma-Chlordane

R.T.: 5.059 min  
Delta R.T.: 0.001 min  
Response: 262475242  
Conc: 24.17 ng/ml

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

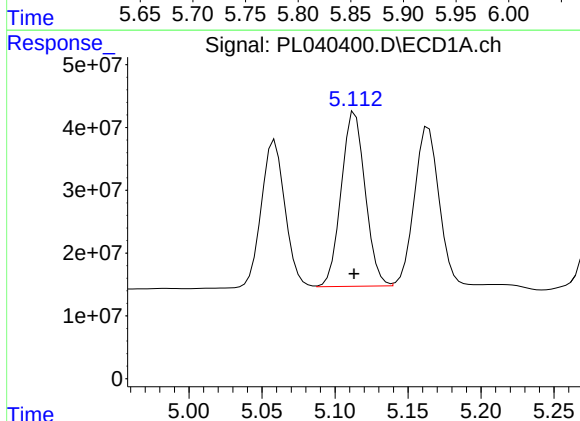
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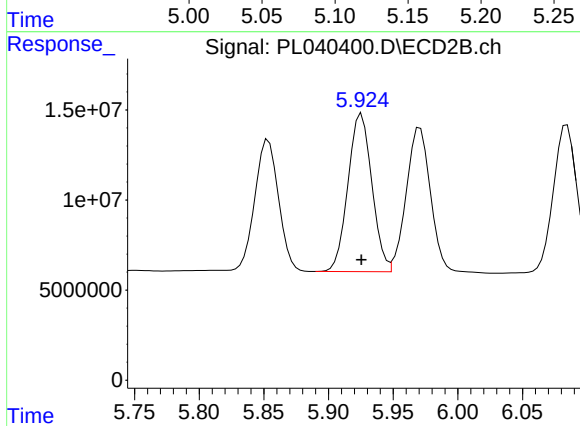
#10 gamma-Chlordane

R.T.: 5.854 min  
Delta R.T.: 0.000 min  
Response: 92667398  
Conc: 23.45 ng/ml



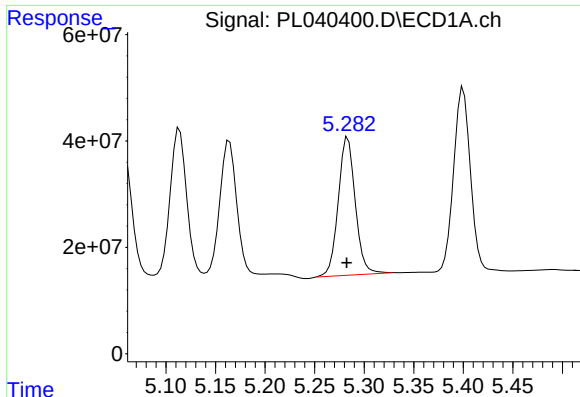
#11 alpha-Chlordane

R.T.: 5.114 min  
Delta R.T.: 0.000 min  
Response: 317047312  
Conc: 30.26 ng/ml



#11 alpha-Chlordane

R.T.: 5.926 min  
Delta R.T.: 0.000 min  
Response: 112684765  
Conc: 28.71 ng/ml



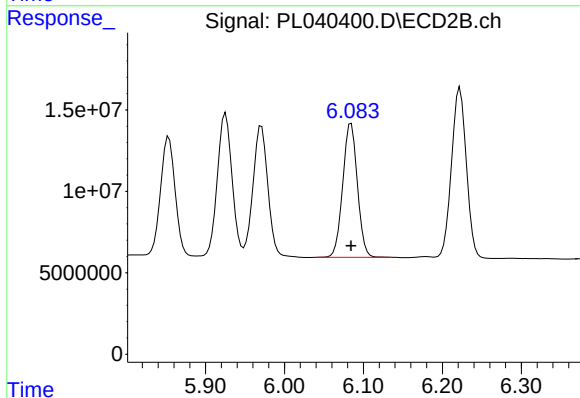
#12 4,4'-DDE

R.T.: 5.284 min  
Delta R.T.: 0.001 min  
Response: 311281147  
Conc: 28.16 ng/ml

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

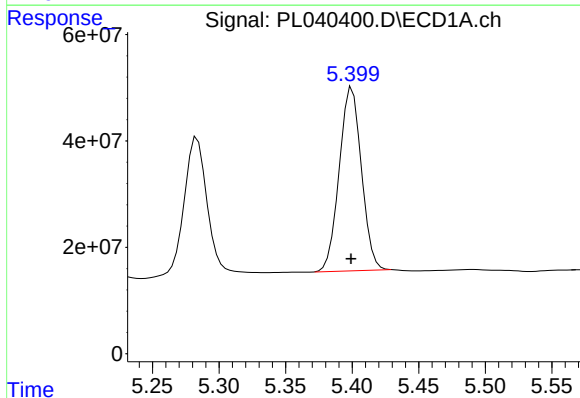
Manual Integrations  
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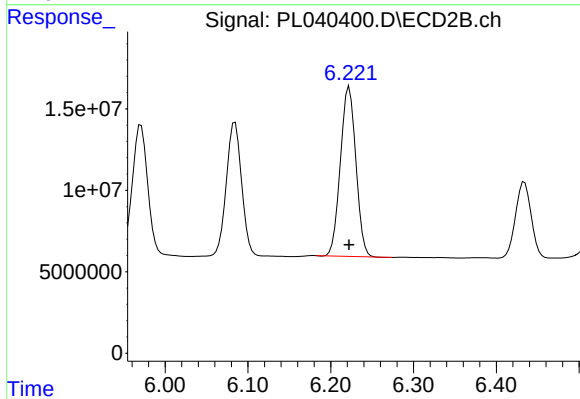
#12 4,4'-DDE

R.T.: 6.084 min  
Delta R.T.: 0.000 min  
Response: 106064925  
Conc: 26.34 ng/ml



#13 Dieldrin

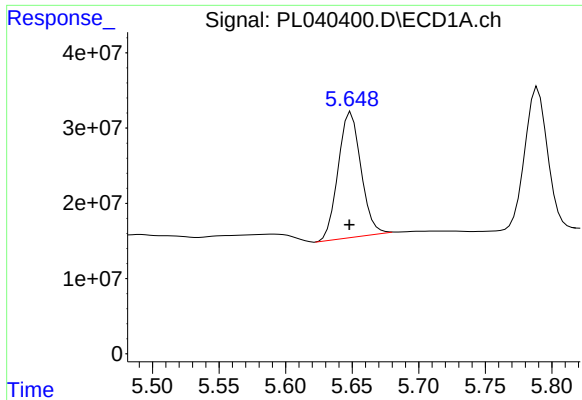
R.T.: 5.400 min  
Delta R.T.: 0.000 min  
Response: 401317564  
Conc: 36.64 ng/ml



#13 Dieldrin

R.T.: 6.222 min  
Delta R.T.: 0.000 min  
Response: 135453746  
Conc: 35.46 ng/ml





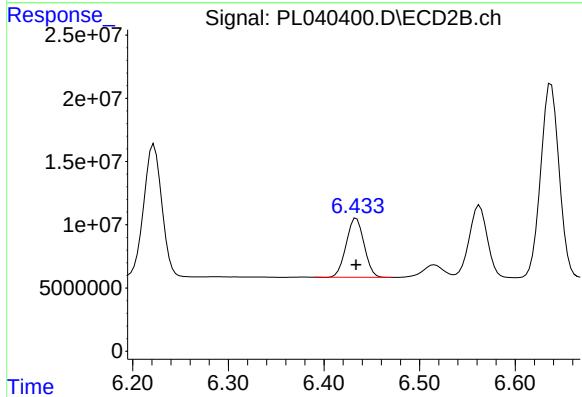
#14 Endrin

R.T.: 5.649 min  
Delta R.T.: 0.001 min  
Response: 200727579  
Conc: 20.21 ng/ml

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

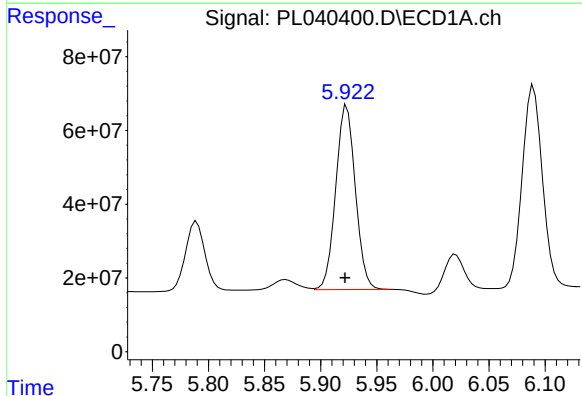
Manual Integrations  
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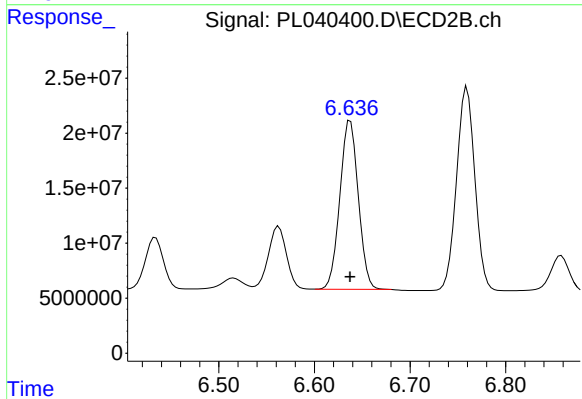
#14 Endrin

R.T.: 6.434 min  
Delta R.T.: 0.000 min  
Response: 60963199  
Conc: 18.66 ng/ml



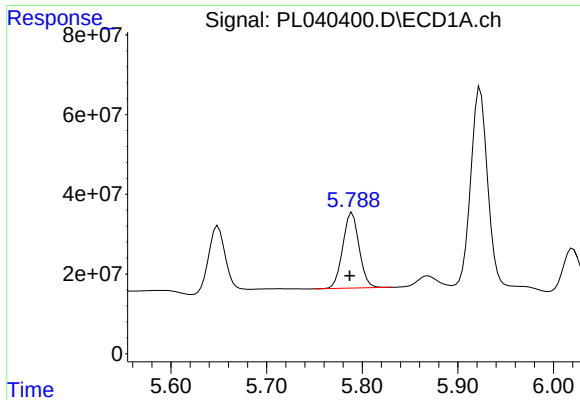
#15 Endosulfan II

R.T.: 5.923 min  
Delta R.T.: 0.002 min  
Response: 608055737  
Conc: 61.03 ng/ml



#15 Endosulfan II

R.T.: 6.637 min  
Delta R.T.: 0.000 min  
Response: 206354083  
Conc: 59.03 ng/ml



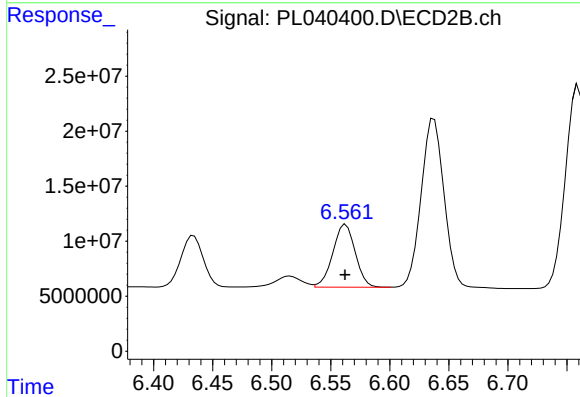
#16 4,4'-DDD

R.T.: 5.789 min  
Delta R.T.: 0.002 min  
Response: 226439303  
Conc: 24.53 ng/ml

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

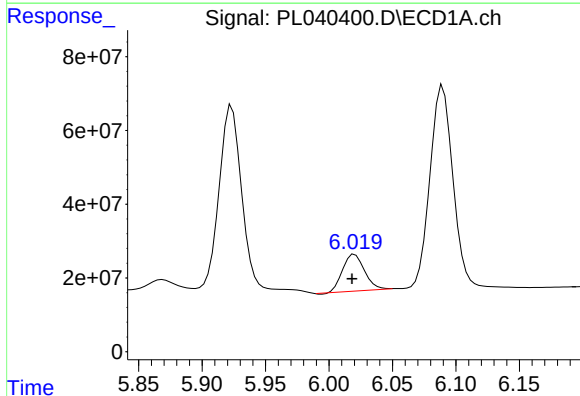
Manual Integrations  
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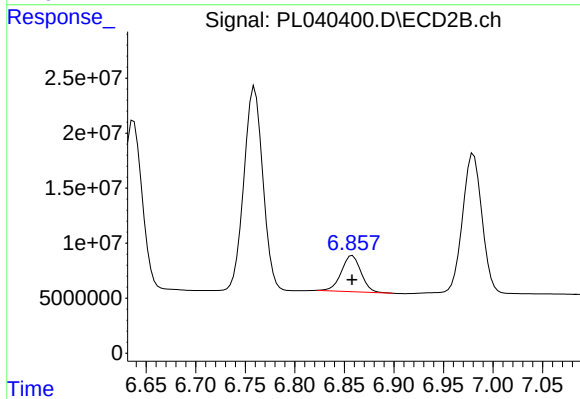
#16 4,4'-DDD

R.T.: 6.563 min  
Delta R.T.: 0.000 min  
Response: 75615414  
Conc: 23.80 ng/ml



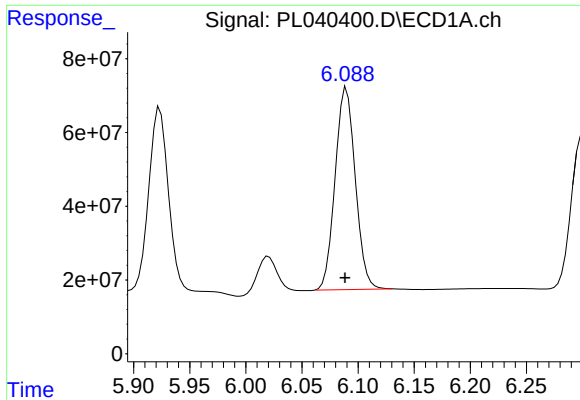
#17 4,4'-DDT

R.T.: 6.020 min  
Delta R.T.: 0.002 min  
Response: 120672675  
Conc: 14.92 ng/ml



#17 4,4'-DDT

R.T.: 6.858 min  
Delta R.T.: 0.000 min  
Response: 45297736  
Conc: 14.87 ng/ml



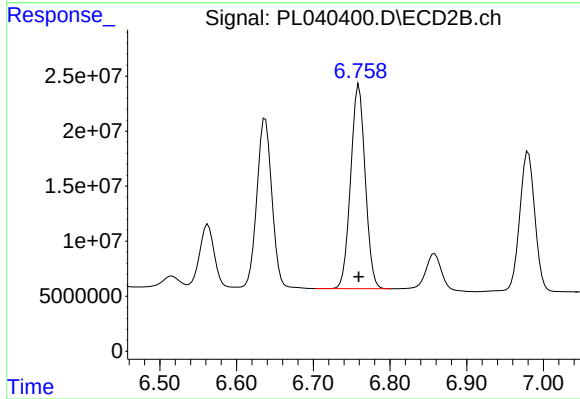
#18 Endrin aldehyde

R.T.: 6.090 min  
Delta R.T.: 0.001 min  
Response: 686470668  
Conc: 81.75 ng/ml

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

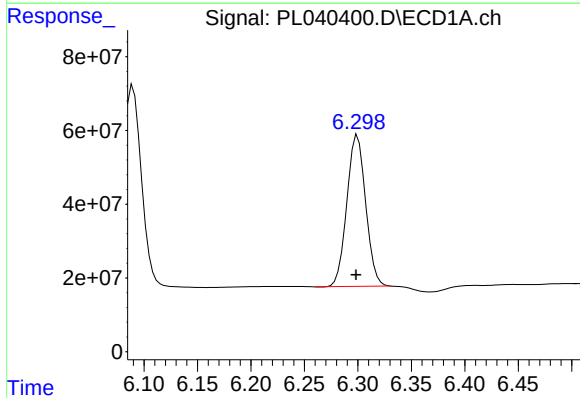
Manual Integrations  
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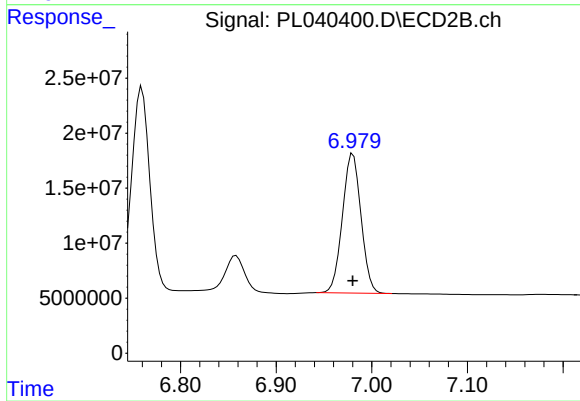
#18 Endrin aldehyde

R.T.: 6.760 min  
Delta R.T.: 0.000 min  
Response: 246491409  
Conc: 82.35 ng/ml



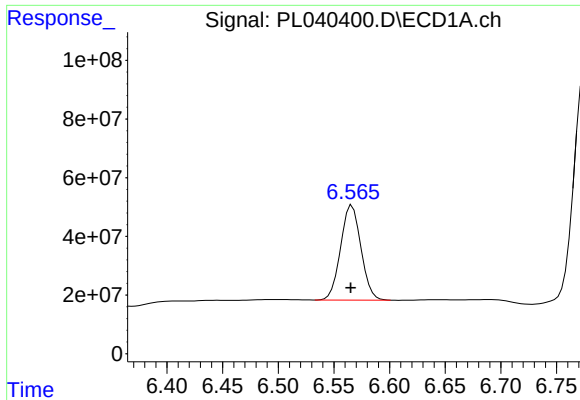
#19 Endosulfan Sulfate

R.T.: 6.300 min  
Delta R.T.: 0.001 min  
Response: 503551586  
Conc: 52.61 ng/ml



#19 Endosulfan Sulfate

R.T.: 6.980 min  
Delta R.T.: 0.000 min  
Response: 171787303  
Conc: 53.41 ng/ml



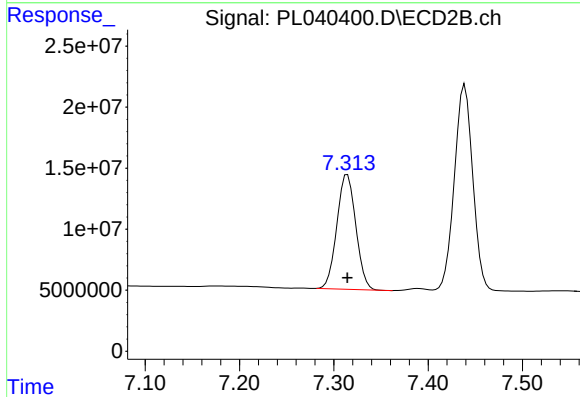
#20 Methoxychlor

R.T.: 6.566 min  
Delta R.T.: 0.001 min  
Response: 411547987  
Conc: 85.20 ng/ml

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

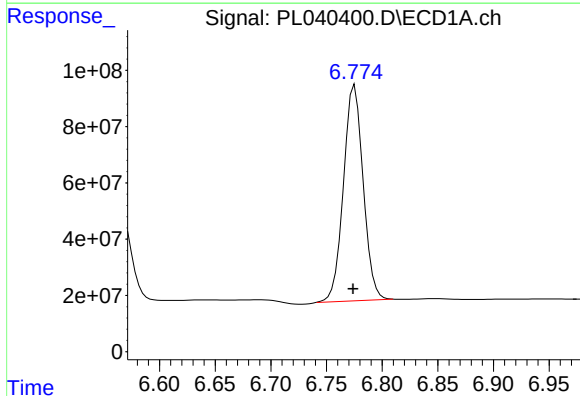
Manual Integrations  
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9/28/2018 9:52:32 AM



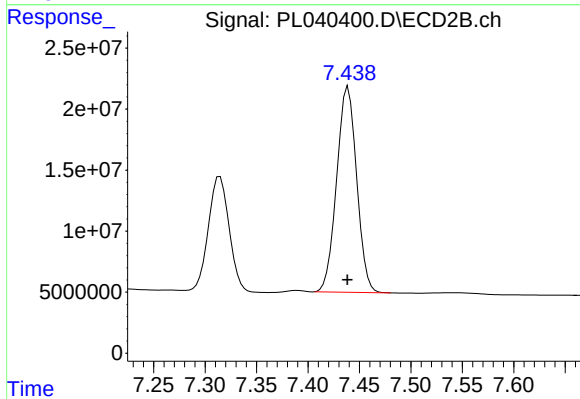
#20 Methoxychlor

R.T.: 7.314 min  
Delta R.T.: 0.000 min  
Response: 131448091  
Conc: 86.26 ng/ml



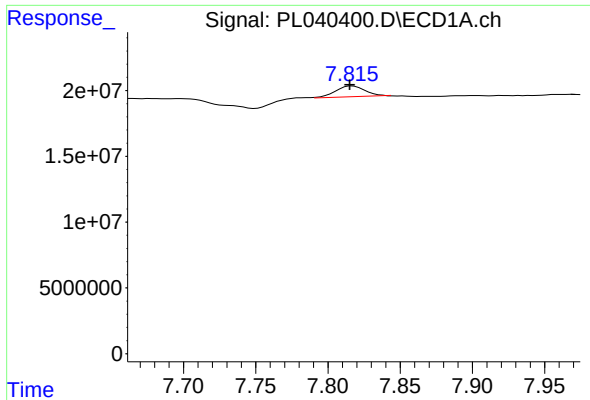
#21 Endrin ketone

R.T.: 6.775 min  
Delta R.T.: 0.002 min  
Response: 946642247  
Conc: 87.25 ng/ml



#21 Endrin ketone

R.T.: 7.439 min  
Delta R.T.: 0.000 min  
Response: 227869327  
Conc: 74.13 ng/ml



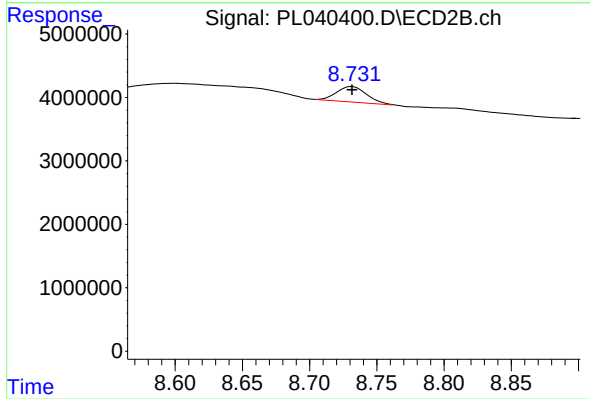
#28 Decachlorobiphenyl

R.T.: 7.815 min  
Delta R.T.: 0.000 min  
Response: 11478014  
Conc: 1.21 ng/ml m

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

Manual Integrations  
APPROVED

Sohil  
9/28/2018 9:52:32 AM



#28 Decachlorobiphenyl

R.T.: 8.731 min  
Delta R.T.: 0.000 min  
Response: 3787914  
Conc: 1.20 ng/ml m