

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072319\  
 Data File : PL050749.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Jul 2019 22:57  
 Operator : SM\AJ  
 Sample : PB121661BS  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB121661BS

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 24 01:18:06 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... | 3.318 | 3.929 | 199.0E6 | 56803194 | 19.804 | 19.909  |
| 28)                         | SA Decachlor... | 7.979 | 8.960 | 204.0E6 | 58198970 | 20.143 | 20.580  |
| Target Compounds            |                 |       |       |         |          |        |         |
| 2)                          | A alpha-BHC     | 3.745 | 4.318 | 945.5E6 | 232.5E6  | 56.424 | 56.358  |
| 3)                          | MA gamma-BHC... | 4.020 | 4.601 | 890.5E6 | 220.5E6  | 57.891 | 56.929  |
| 4)                          | MA Heptachlor   | 4.304 | 5.102 | 933.1E6 | 231.0E6  | 56.872 | 55.707  |
| 5)                          | MB Aldrin       | 4.542 | 5.405 | 898.4E6 | 218.3E6  | 57.991 | 57.930  |
| 6)                          | B beta-BHC      | 4.275 | 4.777 | 376.6E6 | 101.0E6  | 57.438 | 58.415  |
| 7)                          | B delta-BHC     | 4.468 | 4.990 | 871.9E6 | 202.7E6  | 53.136 | 52.399  |
| 8)                          | B Heptachlor... | 4.978 | 5.792 | 853.7E6 | 205.5E6  | 57.783 | 53.718  |
| 9)                          | A Endosulfan I  | 5.309 | 6.147 | 821.2E6 | 190.0E6  | 56.467 | 55.264  |
| 10)                         | B gamma-Chl...  | 5.201 | 6.026 | 896.6E6 | 206.6E6  | 56.809 | 55.910  |
| 11)                         | B alpha-Chl...  | 5.256 | 6.097 | 867.1E6 | 204.0E6  | 56.836 | 55.655  |
| 12)                         | B 4,4'-DDE      | 5.423 | 6.258 | 869.1E6 | 204.4E6  | 57.998 | 56.738  |
| 13)                         | MA Dieldrin     | 5.547 | 6.403 | 887.8E6 | 200.9E6  | 57.288 | 56.735  |
| 14)                         | MA Endrin       | 5.800 | 6.620 | 748.3E6 | 155.4E6  | 50.837 | 50.119  |
| 15)                         | B Endosulfa...  | 6.075 | 6.833 | 746.2E6 | 177.0E6  | 53.322 | 55.668  |
| 16)                         | A 4,4'-DDD      | 5.935 | 6.748 | 707.1E6 | 160.3E6  | 59.008 | 60.186  |
| 17)                         | MA 4,4'-DDT     | 6.168 | 7.045 | 607.5E6 | 139.6E6  | 49.047 | 51.727  |
| 18)                         | B Endrin al...  | 6.242 | 6.955 | 615.9E6 | 151.6E6  | 53.388 | 55.795m |
| 19)                         | B Endosulfa...  | 6.453 | 7.179 | 654.5E6 | 155.4E6  | 51.375 | 53.819  |
| 20)                         | A Methoxychlor  | 6.713 | 7.506 | 297.1E6 | 74459803 | 47.622 | 50.747  |
| 21)                         | B Endrin ke...  | 6.934 | 7.648 | 754.4E6 | 173.5E6  | 55.159 | 60.025  |
| 22)                         | Mirex           | 7.108 | 8.096 | 468.0E6 | 121.0E6  | 47.738 | 52.664  |
| -----                       |                 |       |       |         |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072319\  
Data File : PL050749.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Jul 2019 22:57  
Operator : SM\AJ  
Sample : PB121661BS  
Misc :  
ALS Vial : 34 Sample Multiplier: 1

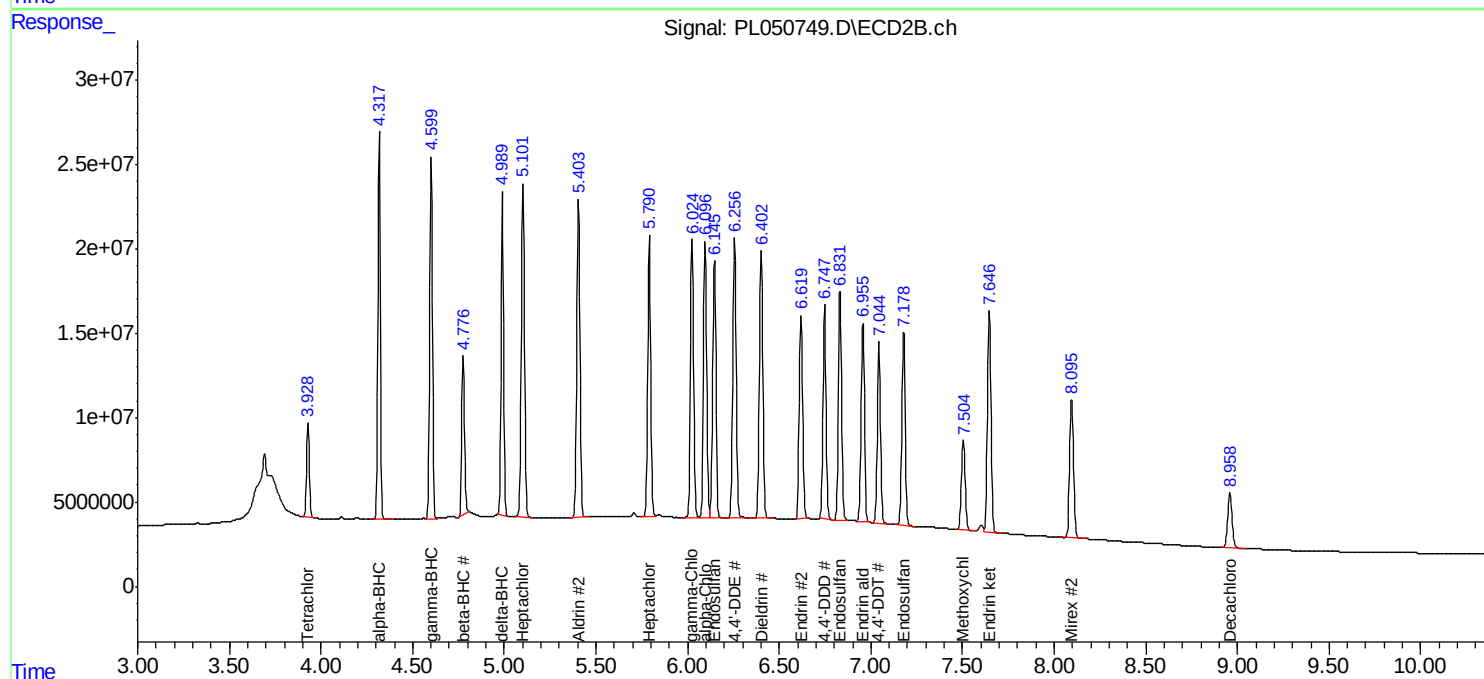
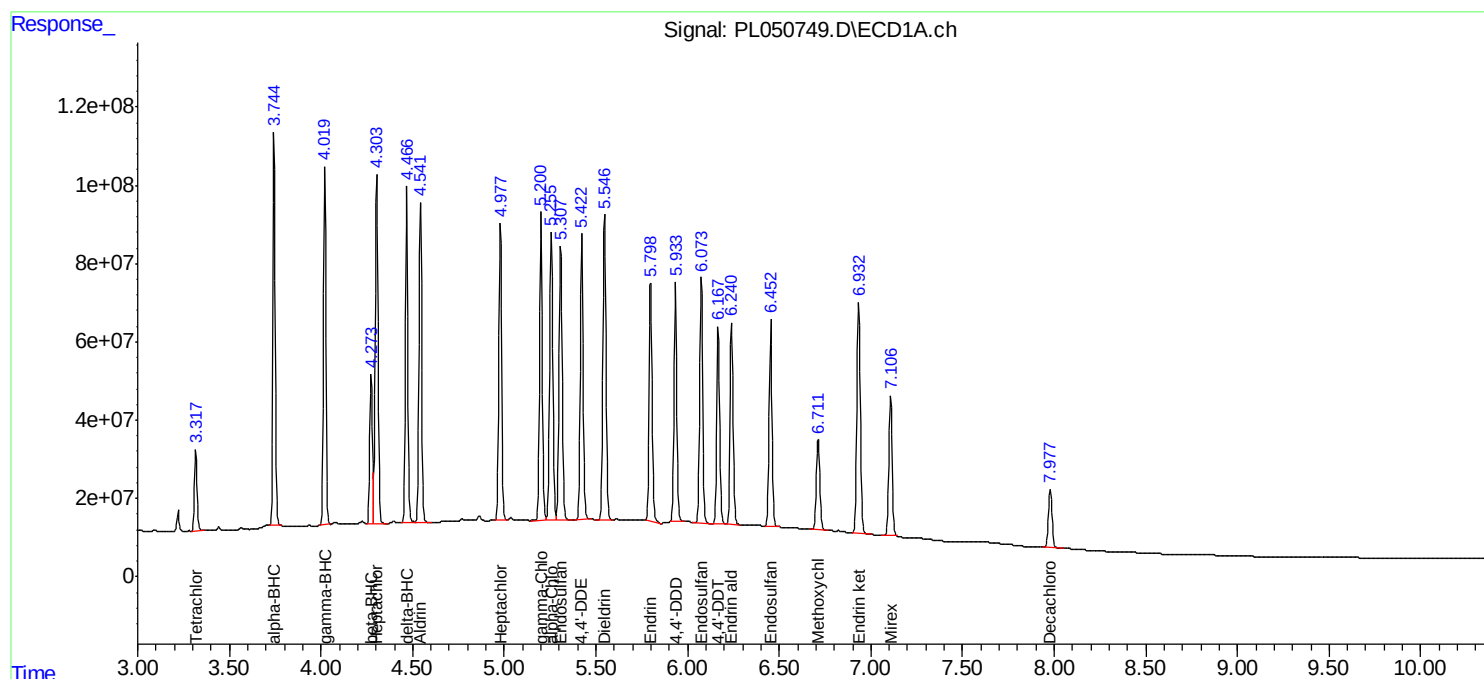
Instrument :  
ECD\_L  
ClientSampleId :  
PB121661BS

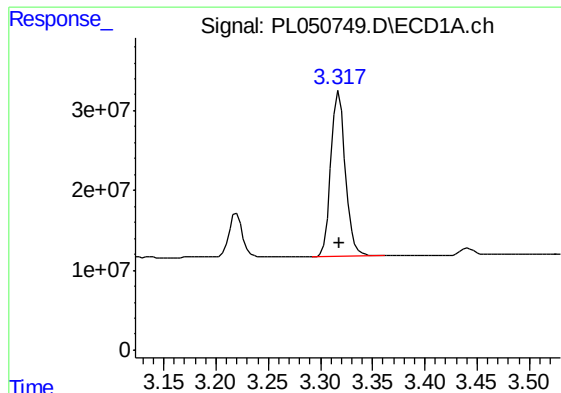
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 24 01:18:06 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071719.M  
Quant Title : GC Extractables  
QLast Update : Fri Jul 19 01:19:13 2019  
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





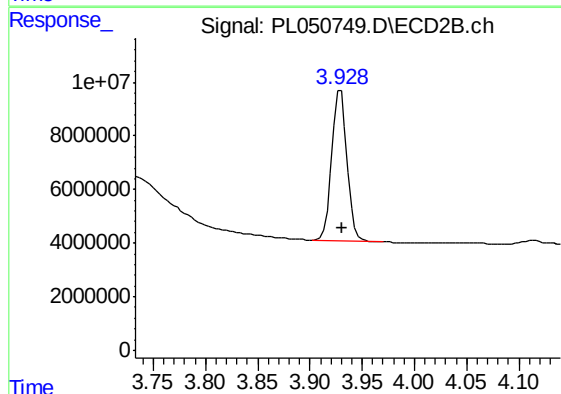
#1 Tetrachloro-m-xylene

R.T.: 3.318 min  
Delta R.T.: 0.000 min  
Response: 198984320  
Conc: 19.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB121661BS

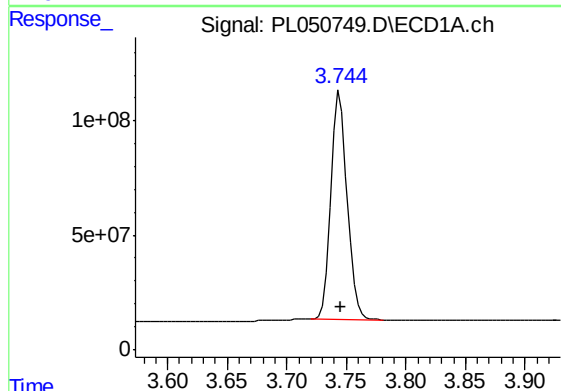
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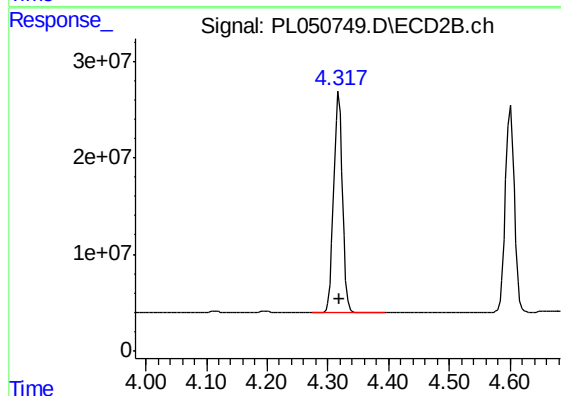
#1 Tetrachloro-m-xylene

R.T.: 3.929 min  
Delta R.T.: -0.001 min  
Response: 56803194  
Conc: 19.91 ng/ml



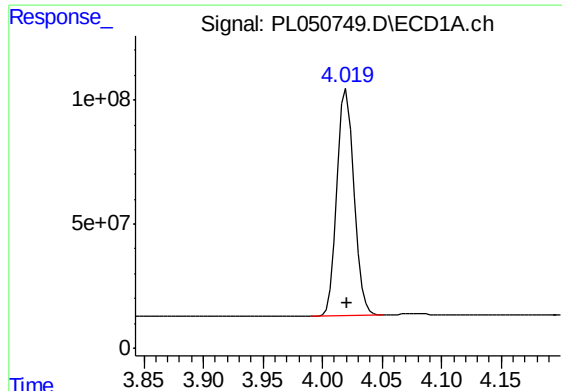
#2 alpha-BHC

R.T.: 3.745 min  
Delta R.T.: 0.000 min  
Response: 945544102  
Conc: 56.42 ng/ml



#2 alpha-BHC

R.T.: 4.318 min  
Delta R.T.: 0.000 min  
Response: 232530441  
Conc: 56.36 ng/ml



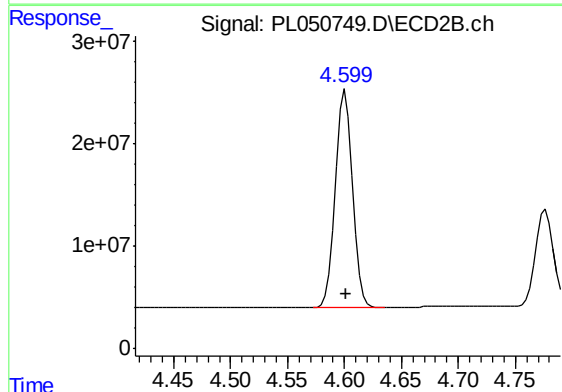
#3 gamma-BHC (Lindane)

R.T.: 4.020 min  
Delta R.T.: -0.001 min  
Response: 890458719  
Conc: 57.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB121661BS

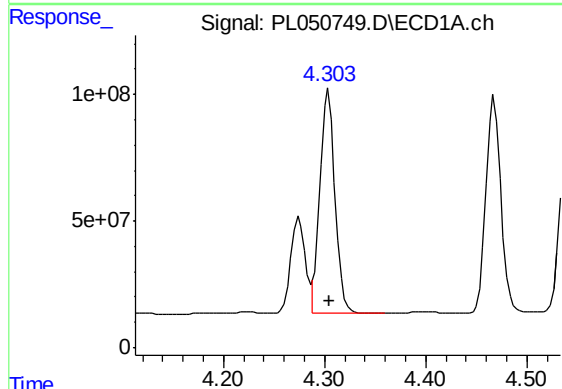
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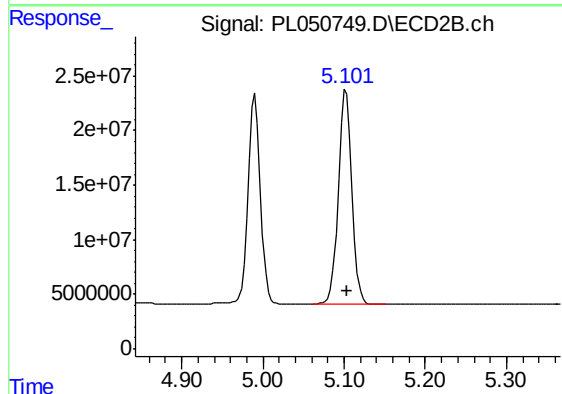
#3 gamma-BHC (Lindane)

R.T.: 4.601 min  
Delta R.T.: -0.001 min  
Response: 220496067  
Conc: 56.93 ng/ml



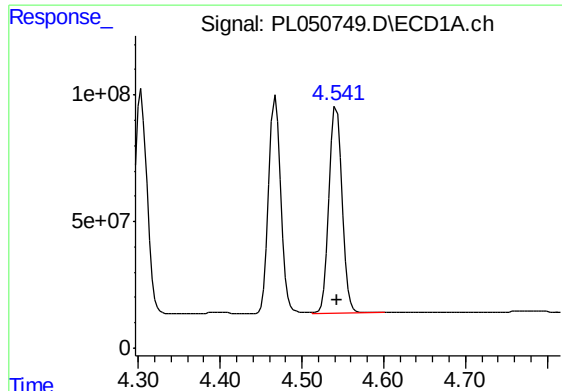
#4 Heptachlor

R.T.: 4.304 min  
Delta R.T.: -0.001 min  
Response: 933143285  
Conc: 56.87 ng/ml



#4 Heptachlor

R.T.: 5.102 min  
Delta R.T.: -0.001 min  
Response: 230997604  
Conc: 55.71 ng/ml



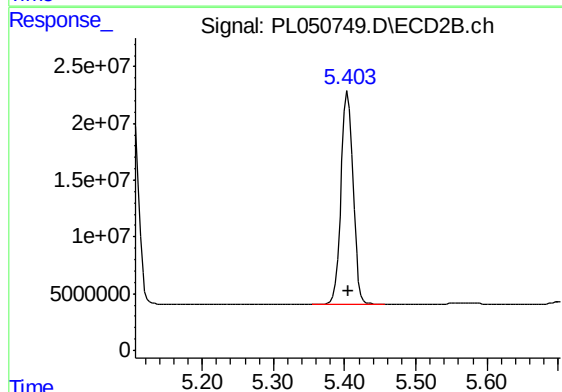
#5 Aldrin

R.T.: 4.542 min  
Delta R.T.: 0.000 min  
Response: 898365093  
Conc: 57.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB121661BS

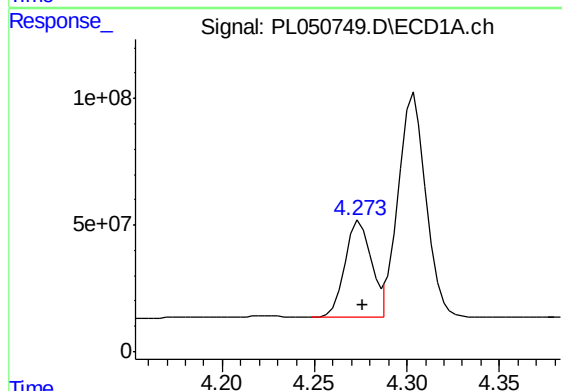
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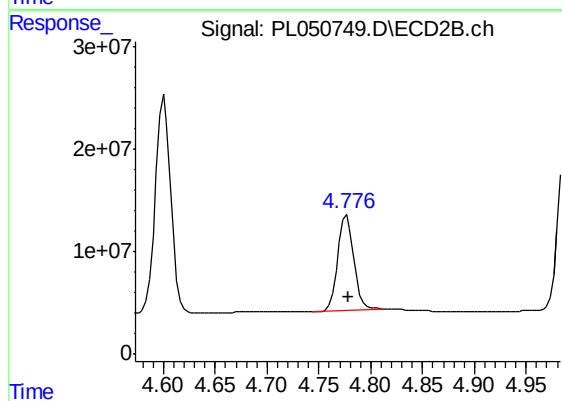
#5 Aldrin

R.T.: 5.405 min  
Delta R.T.: 0.000 min  
Response: 218300777  
Conc: 57.93 ng/ml



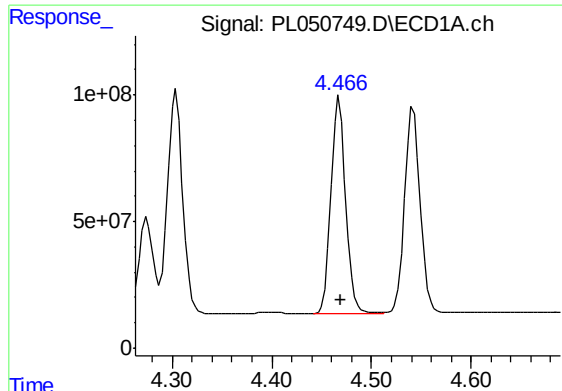
#6 beta-BHC

R.T.: 4.275 min  
Delta R.T.: -0.001 min  
Response: 376553038  
Conc: 57.44 ng/ml



#6 beta-BHC

R.T.: 4.777 min  
Delta R.T.: -0.001 min  
Response: 100990582  
Conc: 58.41 ng/ml



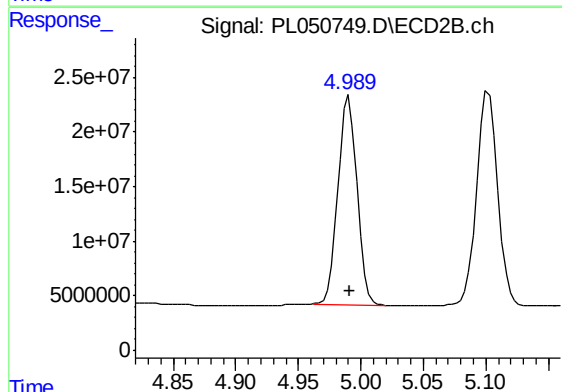
#7 delta-BHC

R.T.: 4.468 min  
Delta R.T.: -0.001 min  
Response: 871894234  
Conc: 53.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB121661BS

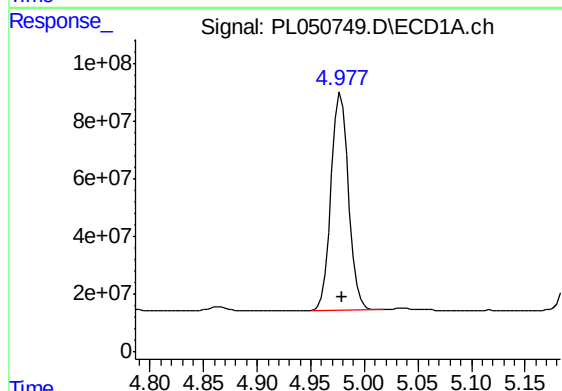
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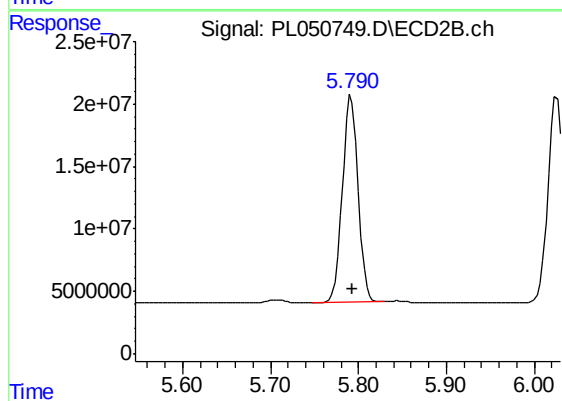
#7 delta-BHC

R.T.: 4.990 min  
Delta R.T.: -0.001 min  
Response: 202660063  
Conc: 52.40 ng/ml



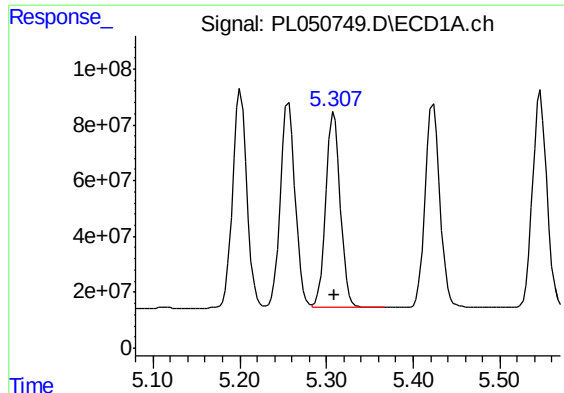
#8 Heptachlor epoxide

R.T.: 4.978 min  
Delta R.T.: -0.001 min  
Response: 853663490  
Conc: 57.78 ng/ml



#8 Heptachlor epoxide

R.T.: 5.792 min  
Delta R.T.: 0.000 min  
Response: 205460950  
Conc: 53.72 ng/ml



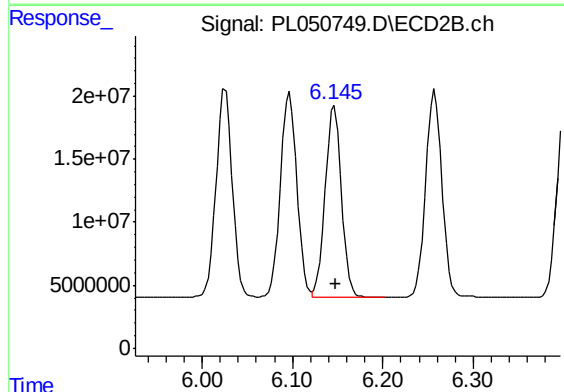
#9 Endosulfan I

R.T.: 5.309 min  
Delta R.T.: -0.001 min  
Response: 821241349  
Conc: 56.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB121661BS

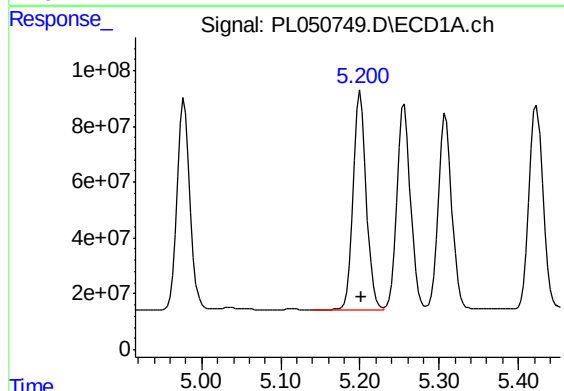
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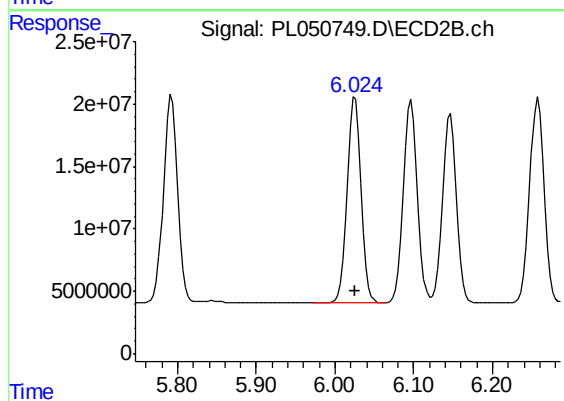
#9 Endosulfan I

R.T.: 6.147 min  
Delta R.T.: -0.001 min  
Response: 190047527  
Conc: 55.26 ng/ml



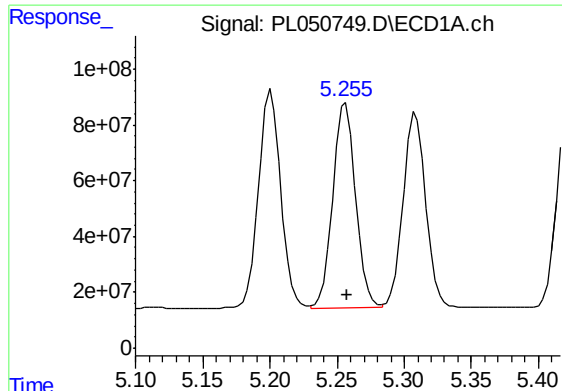
#10 gamma-Chlordane

R.T.: 5.201 min  
Delta R.T.: 0.000 min  
Response: 896630174  
Conc: 56.81 ng/ml



#10 gamma-Chlordane

R.T.: 6.026 min  
Delta R.T.: 0.000 min  
Response: 206601945  
Conc: 55.91 ng/ml



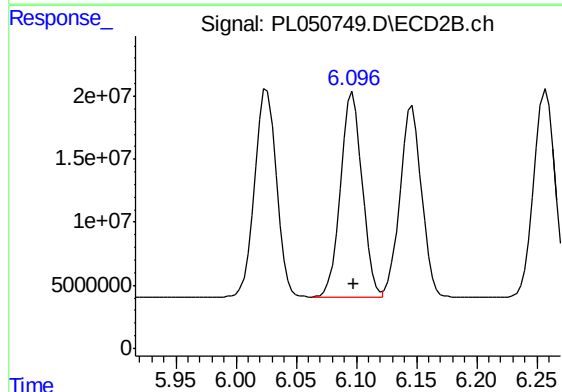
#11 alpha-Chlordane

R.T.: 5.256 min  
Delta R.T.: 0.000 min  
Response: 867090787  
Conc: 56.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB121661BS

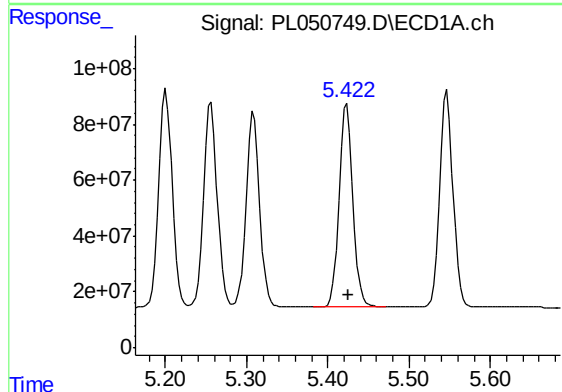
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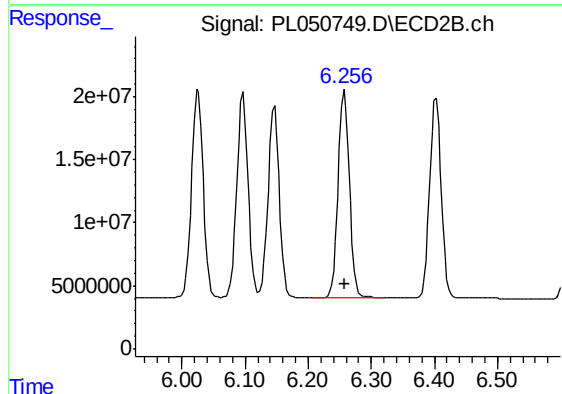
#11 alpha-Chlordane

R.T.: 6.097 min  
Delta R.T.: 0.000 min  
Response: 203984201  
Conc: 55.66 ng/ml



#12 4,4'-DDE

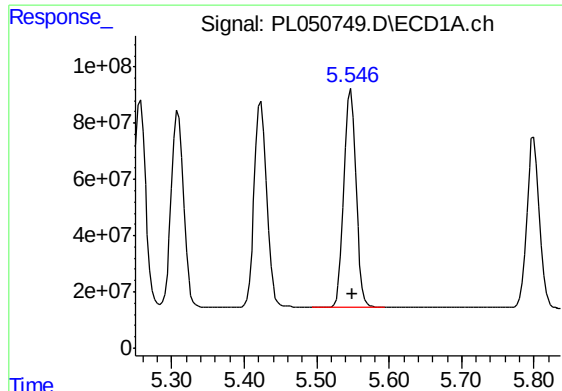
R.T.: 5.423 min  
Delta R.T.: -0.002 min  
Response: 869146987  
Conc: 58.00 ng/ml



#12 4,4'-DDE

R.T.: 6.258 min  
Delta R.T.: 0.000 min  
Response: 204449933  
Conc: 56.74 ng/ml





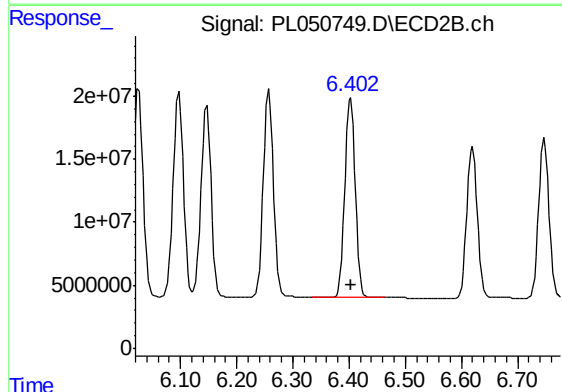
#13 Dielldrin

R.T.: 5.547 min  
Delta R.T.: -0.002 min  
Response: 887781585  
Conc: 57.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB121661BS

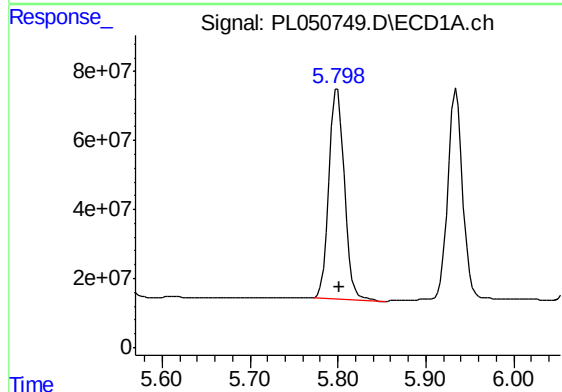
Manual Integrations  
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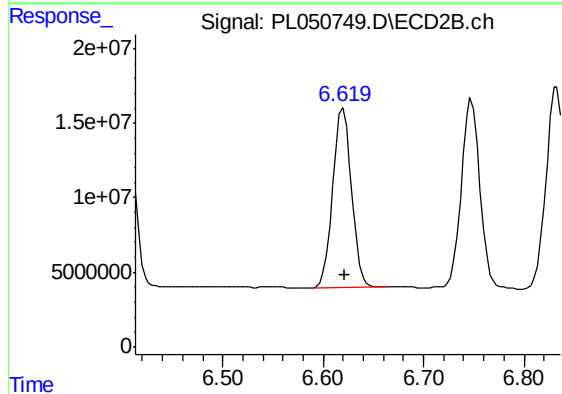
#13 Dielldrin

R.T.: 6.403 min  
Delta R.T.: 0.000 min  
Response: 200907324  
Conc: 56.74 ng/ml



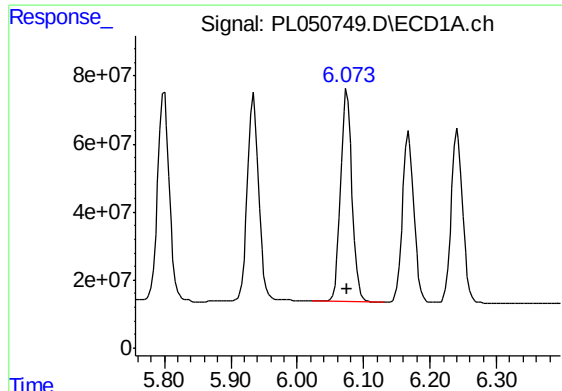
#14 Endrin

R.T.: 5.800 min  
Delta R.T.: -0.002 min  
Response: 748337044  
Conc: 50.84 ng/ml



#14 Endrin

R.T.: 6.620 min  
Delta R.T.: -0.001 min  
Response: 155441934  
Conc: 50.12 ng/ml



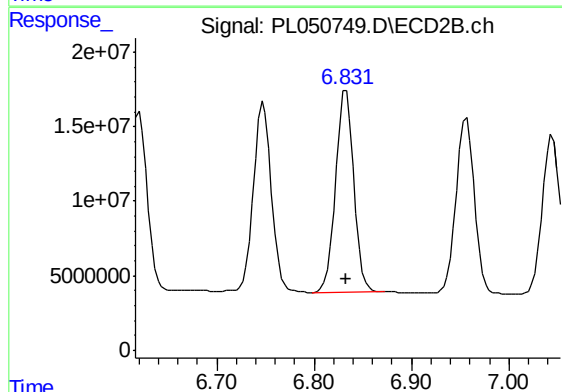
#15 Endosulfan II

R.T.: 6.075 min  
Delta R.T.: -0.001 min  
Response: 746237260  
Conc: 53.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB121661BS

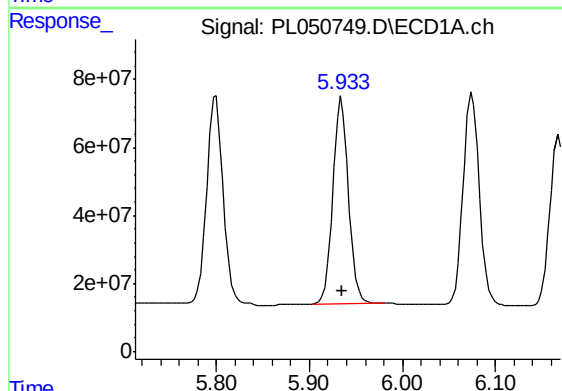
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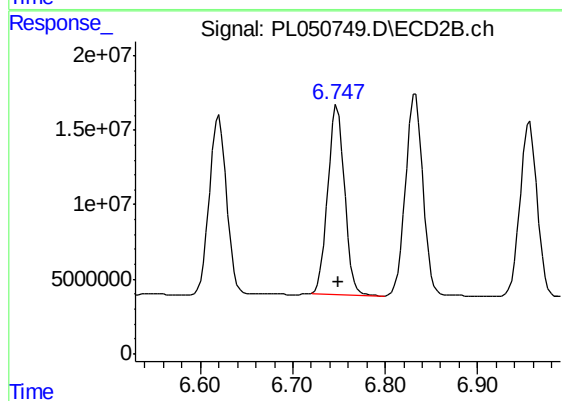
#15 Endosulfan II

R.T.: 6.833 min  
Delta R.T.: 0.000 min  
Response: 176977105  
Conc: 55.67 ng/ml



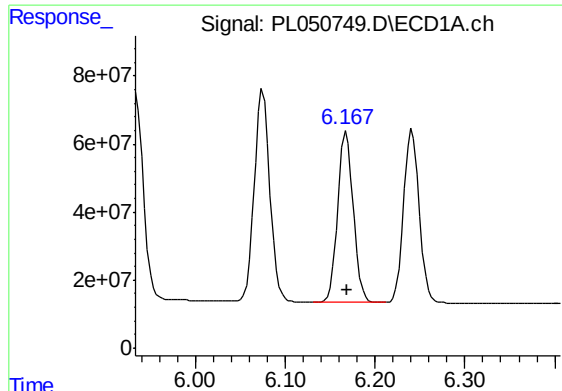
#16 4,4'-DDD

R.T.: 5.935 min  
Delta R.T.: 0.000 min  
Response: 707140592  
Conc: 59.01 ng/ml



#16 4,4'-DDD

R.T.: 6.748 min  
Delta R.T.: 0.000 min  
Response: 160269179  
Conc: 60.19 ng/ml



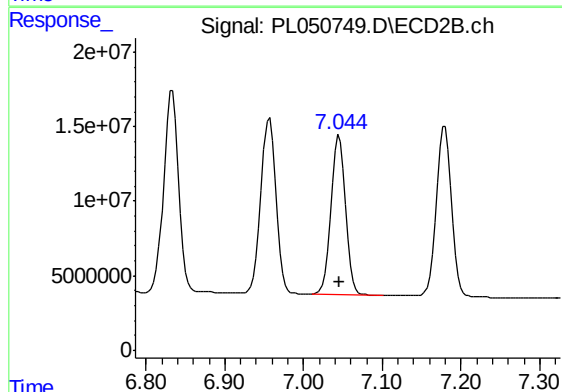
#17 4,4'-DDT

R.T.: 6.168 min  
Delta R.T.: -0.002 min  
Response: 607482827  
Conc: 49.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB121661BS

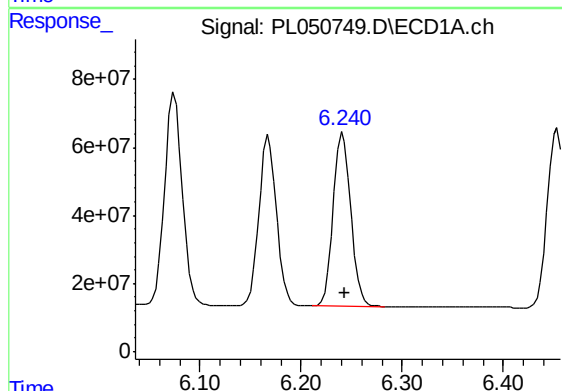
Manual Integrations  
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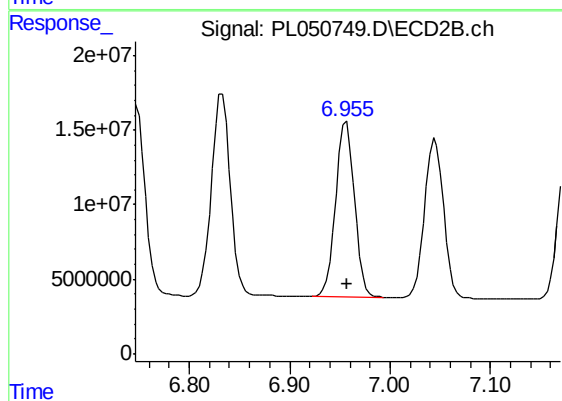
#17 4,4'-DDT

R.T.: 7.045 min  
Delta R.T.: 0.000 min  
Response: 139640772  
Conc: 51.73 ng/ml



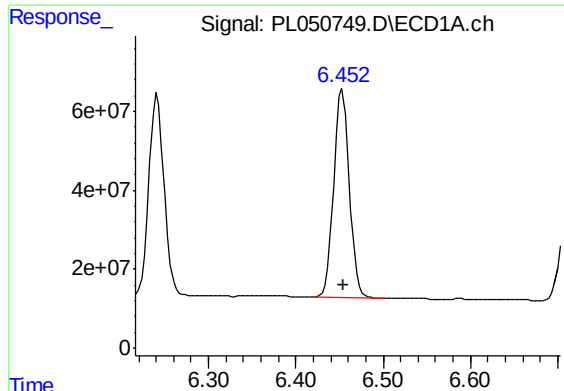
#18 Endrin aldehyde

R.T.: 6.242 min  
Delta R.T.: -0.001 min  
Response: 615902294  
Conc: 53.39 ng/ml



#18 Endrin aldehyde

R.T.: 6.955 min  
Delta R.T.: -0.002 min  
Response: 151629480  
Conc: 55.80 ng/ml m



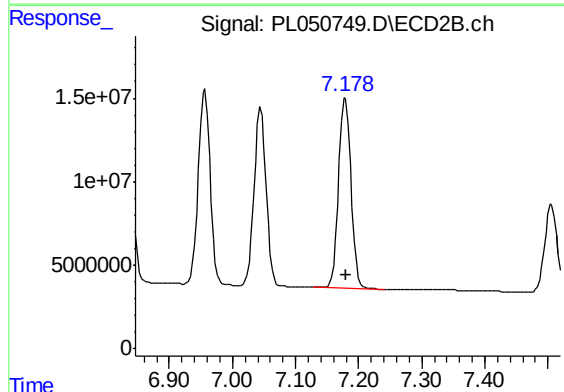
#19 Endosulfan Sulfate

R.T.: 6.453 min  
Delta R.T.: 0.000 min  
Response: 654490271  
Conc: 51.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB121661BS

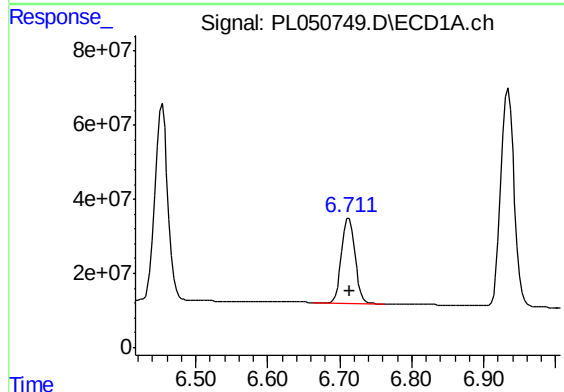
Manual Integrations  
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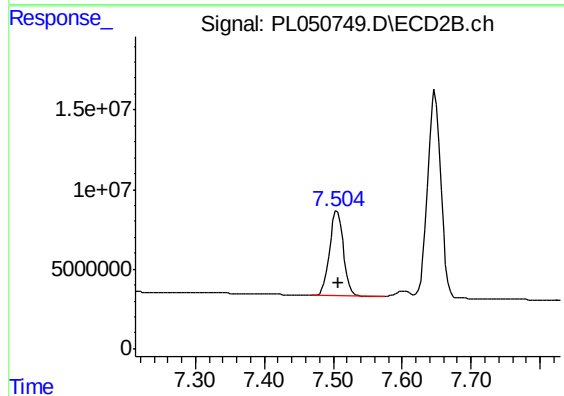
#19 Endosulfan Sulfate

R.T.: 7.179 min  
Delta R.T.: 0.000 min  
Response: 155441520  
Conc: 53.82 ng/ml



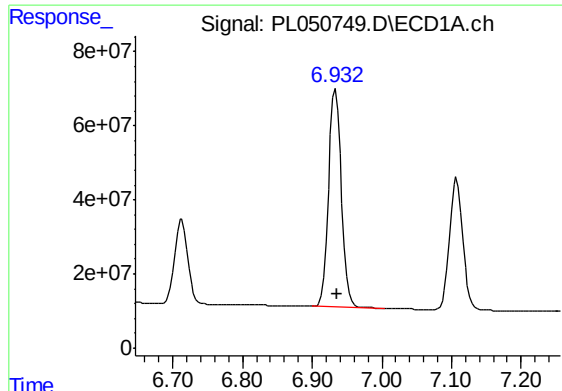
#20 Methoxychlor

R.T.: 6.713 min  
Delta R.T.: -0.001 min  
Response: 297109873  
Conc: 47.62 ng/ml



#20 Methoxychlor

R.T.: 7.506 min  
Delta R.T.: 0.000 min  
Response: 74459803  
Conc: 50.75 ng/ml



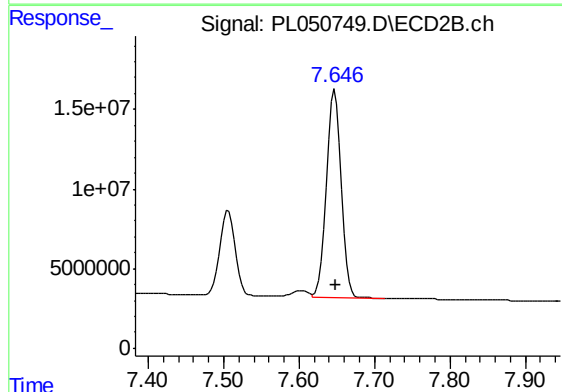
#21 Endrin ketone

R.T.: 6.934 min  
Delta R.T.: -0.002 min  
Response: 754428641  
Conc: 55.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB121661BS

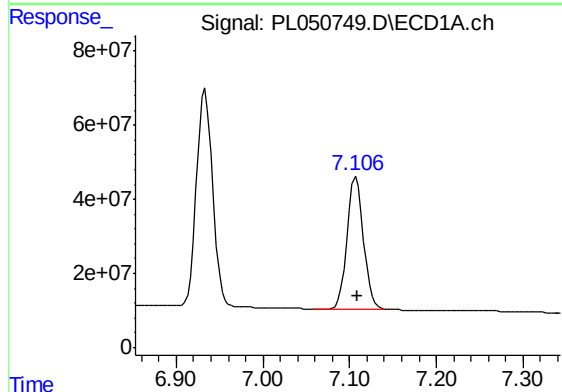
Manual Integrations  
APPROVED

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7/24/2019 11:06:52 AM



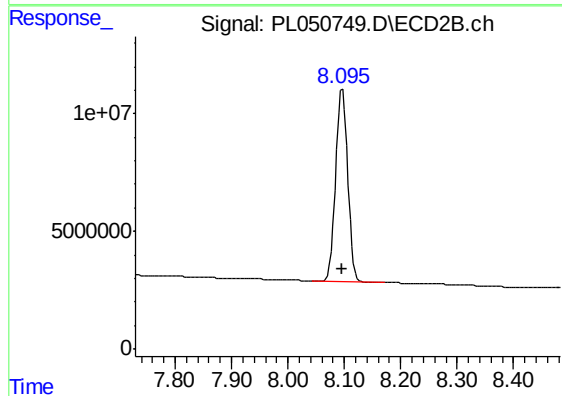
#21 Endrin ketone

R.T.: 7.648 min  
Delta R.T.: 0.000 min  
Response: 173549249  
Conc: 60.03 ng/ml



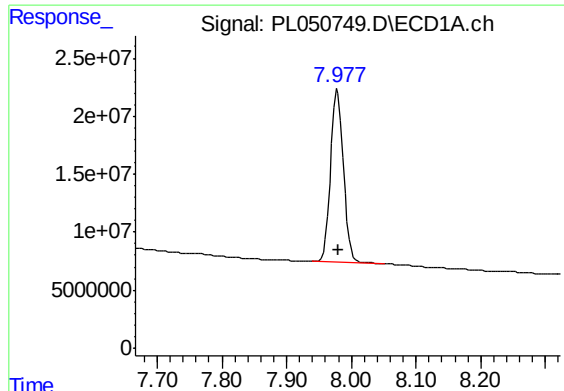
#22 Mirex

R.T.: 7.108 min  
Delta R.T.: -0.001 min  
Response: 468034297  
Conc: 47.74 ng/ml



#22 Mirex

R.T.: 8.096 min  
Delta R.T.: 0.000 min  
Response: 120970160  
Conc: 52.66 ng/ml



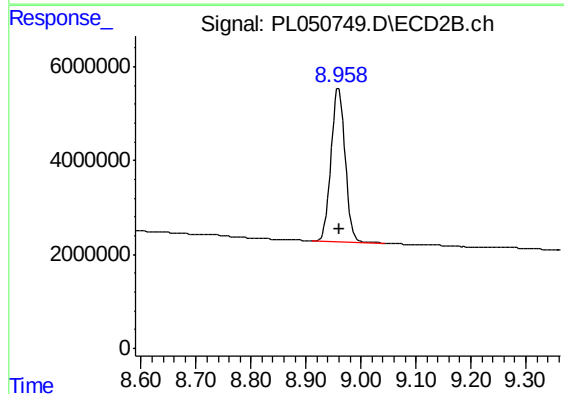
#28 Decachlorobiphenyl

R.T.: 7.979 min  
Delta R.T.: -0.002 min  
Response: 203953328  
Conc: 20.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB121661BS

Manual Integrations  
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#28 Decachlorobiphenyl

R.T.: 8.960 min  
Delta R.T.: -0.002 min  
Response: 58198970  
Conc: 20.58 ng/ml