

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL030321\  
 Data File : PL065022.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Mar 2021 11:10  
 Operator : AR\AJ  
 Sample : PB134905BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB134905BS

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 04 01:12:15 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL020821.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Feb 09 04:41:29 2021  
 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... | 3.429 | 4.099 | 61292758 | 52710722 | 21.785 | 24.401   |
| 28)                         | SA Decachlor... | 8.152 | 9.260 | 56811497 | 46667009 | 25.263 | 24.570   |
| Target Compounds            |                 |       |       |          |          |        |          |
| 2)                          | A alpha-BHC     | 3.862 | 4.502 | 46188521 | 32673965 | 9.960  | 10.787   |
| 3)                          | MA gamma-BHC... | 4.143 | 4.794 | 40474762 | 31694827 | 9.362  | 11.158   |
| 4)                          | MA Heptachlor   | 4.440 | 5.306 | 40122560 | 32951382 | 9.786  | 11.123   |
| 5)                          | MB Aldrin       | 4.684 | 5.616 | 38507947 | 28551263 | 10.342 | 11.642   |
| 6)                          | B beta-BHC      | 4.394 | 4.973 | 18971234 | 25433053 | 11.100 | 16.956 # |
| 7)                          | B delta-BHC     | 4.595 | 5.194 | 37714300 | 27098833 | 9.330  | 10.030   |
| 8)                          | B Heptachlo...  | 5.125 | 6.010 | 37689420 | 26431742 | 10.856 | 11.980   |
| 9)                          | A Endosulfan I  | 5.461 | 6.373 | 35210878 | 25474442 | 10.980 | 12.145   |
| 10)                         | B gamma-Chl...  | 5.351 | 6.246 | 37943041 | 27967737 | 10.821 | 12.102   |
| 11)                         | B alpha-Chl...  | 5.409 | 6.319 | 37262918 | 28102830 | 10.759 | 12.207   |
| 12)                         | B 4,4'-DDE      | 5.575 | 6.476 | 33030151 | 23496409 | 10.555 | 11.586   |
| 13)                         | MA Dieldrin     | 5.703 | 6.633 | 35374626 | 25260453 | 10.784 | 11.817   |
| 14)                         | MA Endrin       | 5.957 | 6.856 | 31622846 | 19908231 | 10.529 | 11.012   |
| 15)                         | B Endosulfa...  | 6.231 | 7.071 | 32626022 | 23538517 | 11.331 | 12.492   |
| 16)                         | A 4,4'-DDD      | 6.089 | 6.976 | 27267654 | 22058775 | 10.767 | 12.724   |
| 17)                         | MA 4,4'-DDT     | 6.328 | 7.275 | 19921617 | 15282532 | 8.834  | 10.024   |
| 18)                         | B Endrin al...  | 6.399 | 7.197 | 28079232 | 19971813 | 11.517 | 12.265   |
| 19)                         | B Endosulfa...  | 6.612 | 7.419 | 33084461 | 22487872 | 11.666 | 12.496m  |
| 20)                         | A Methoxychlor  | 6.875 | 7.736 | 12887826 | 9980404  | 9.953  | 11.041   |
| 21)                         | B Endrin ke...  | 7.098 | 7.898 | 34061356 | 22395137 | 11.876 | 11.715m  |
| 22)                         | Mirex           | 7.279 | 8.350 | 27063254 | 18533450 | 12.808 | 13.333   |
| -----                       |                 |       |       |          |          |        |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL030321\  
Data File : PL065022.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Mar 2021 11:10  
Operator : AR\AJ  
Sample : PB134905BS  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

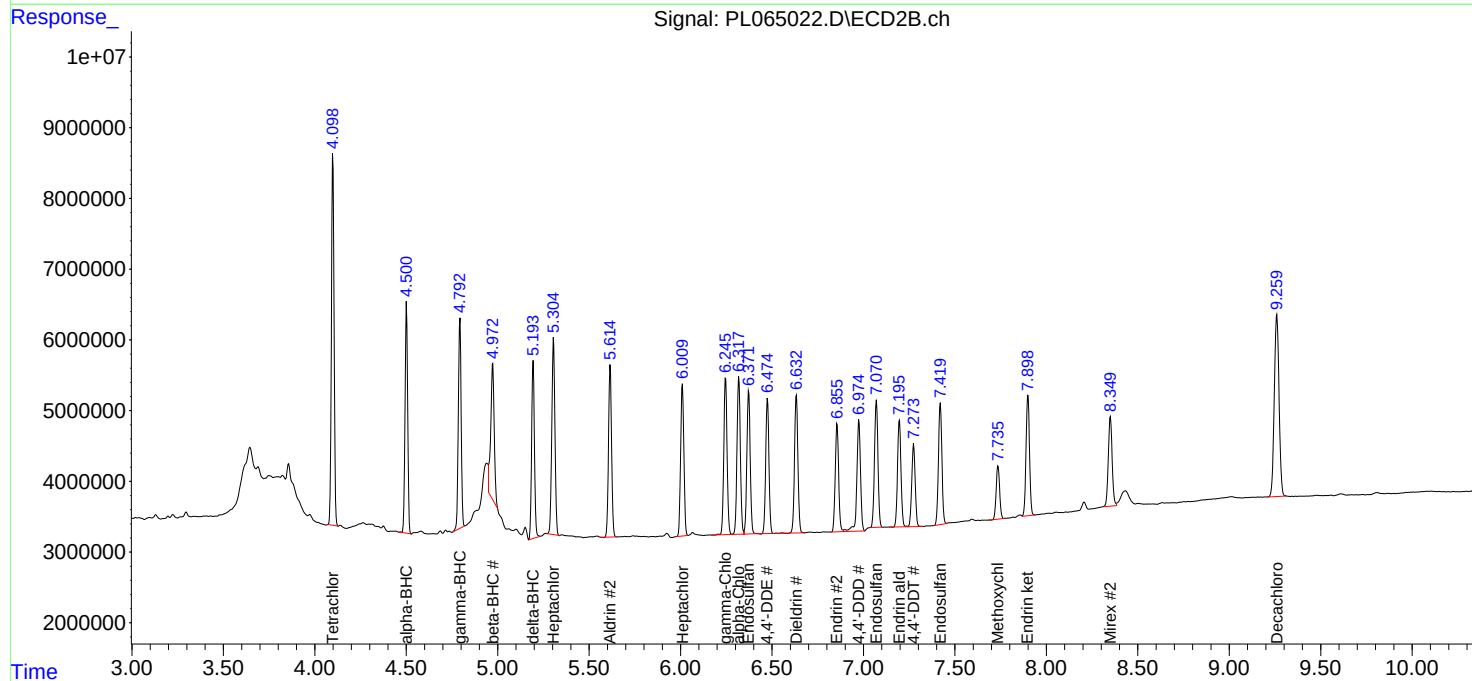
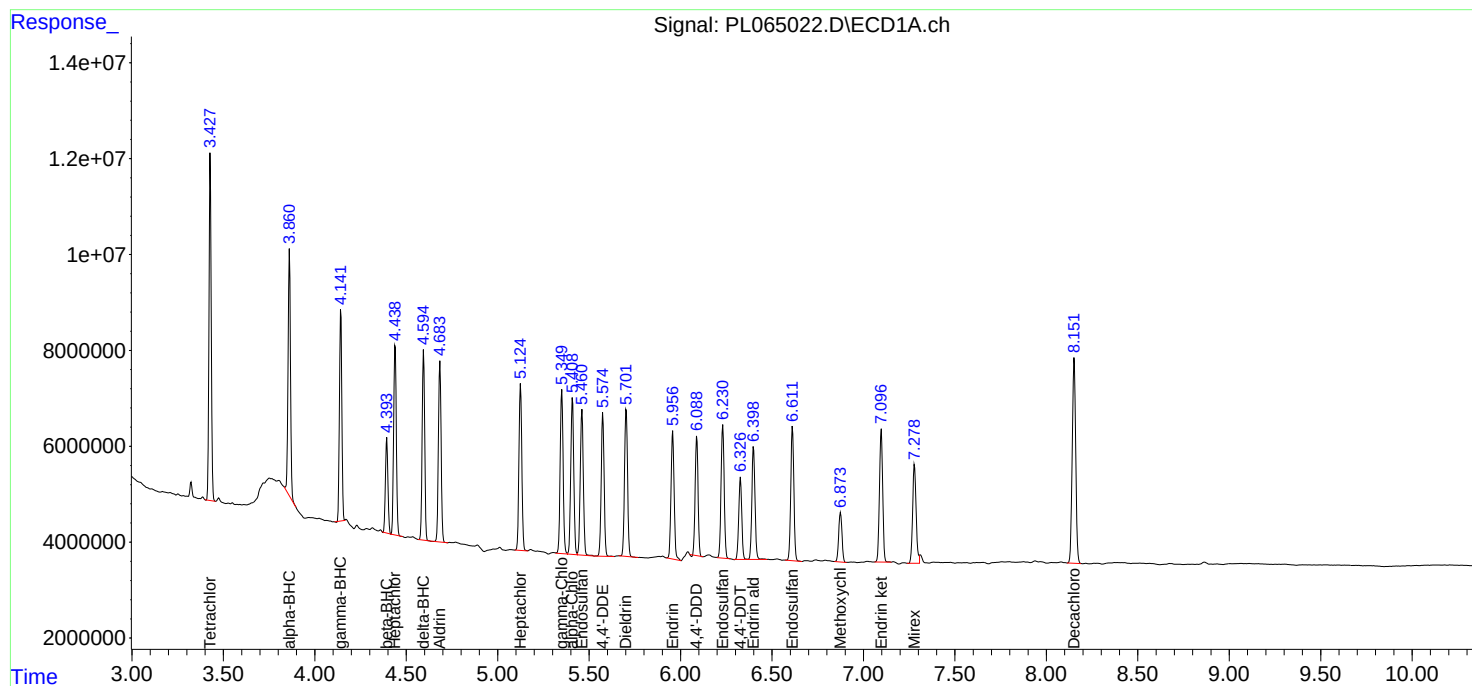
Instrument :  
ECD\_L  
ClientSampled :  
PB134905BS

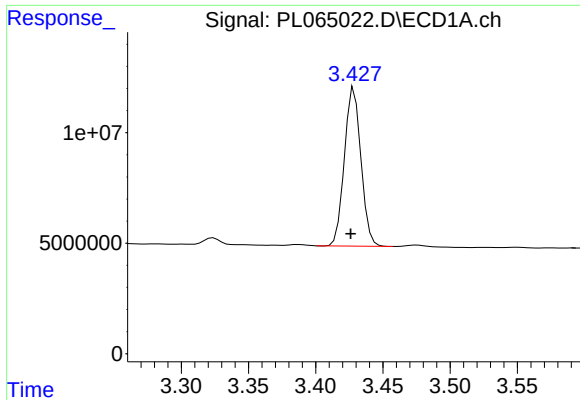
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 04 01:12:15 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL020821.M  
Quant Title : GC Extractables  
QLast Update : Tue Feb 09 04:41:29 2021  
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





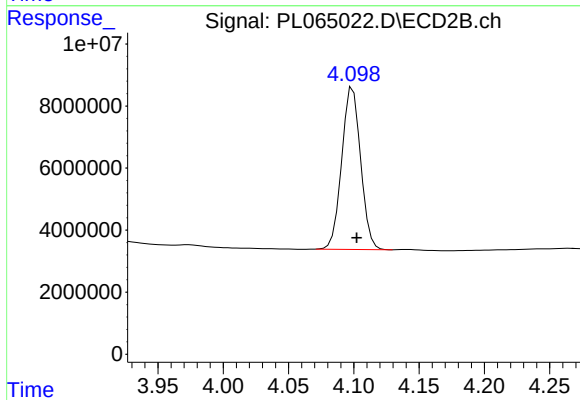
#1 Tetrachloro-m-xylene

R.T.: 3.429 min  
Delta R.T.: 0.003 min  
Response: 61292758  
Conc: 21.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB134905BS

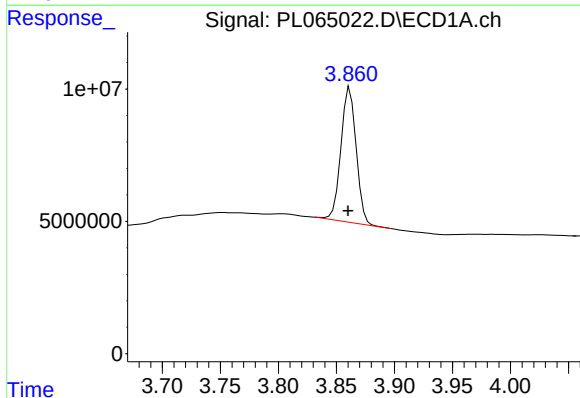
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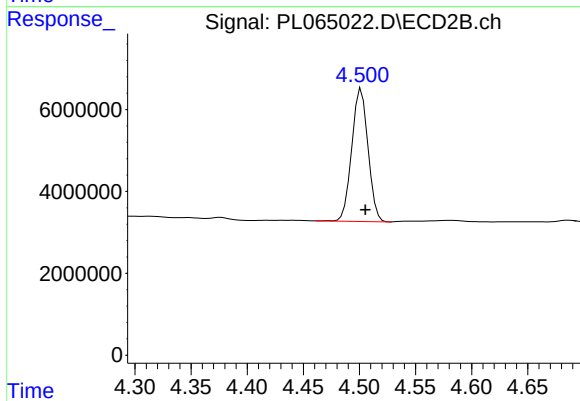
#1 Tetrachloro-m-xylene

R.T.: 4.099 min  
Delta R.T.: -0.003 min  
Response: 52710722  
Conc: 24.40 ng/ml



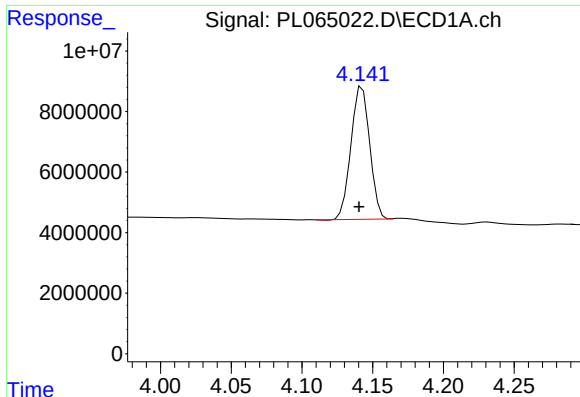
#2 alpha-BHC

R.T.: 3.862 min  
Delta R.T.: 0.002 min  
Response: 46188521  
Conc: 9.96 ng/ml



#2 alpha-BHC

R.T.: 4.502 min  
Delta R.T.: -0.004 min  
Response: 32673965  
Conc: 10.79 ng/ml



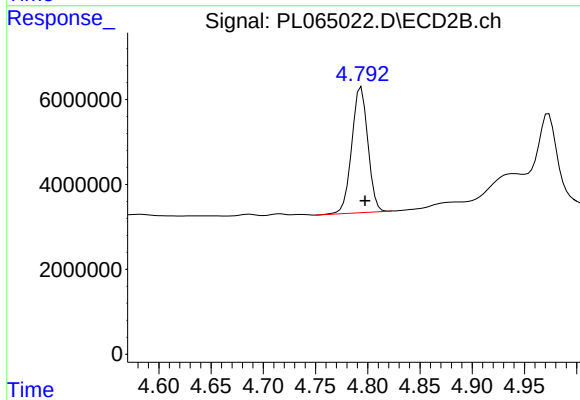
#3 gamma-BHC (Lindane)

R.T.: 4.143 min  
Delta R.T.: 0.002 min  
Response: 40474762  
Conc: 9.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB134905BS

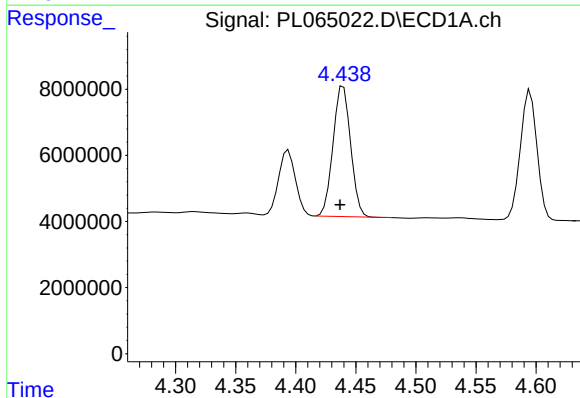
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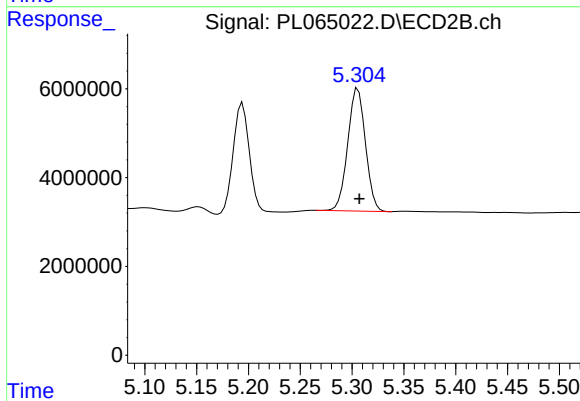
#3 gamma-BHC (Lindane)

R.T.: 4.794 min  
Delta R.T.: -0.004 min  
Response: 31694827  
Conc: 11.16 ng/ml



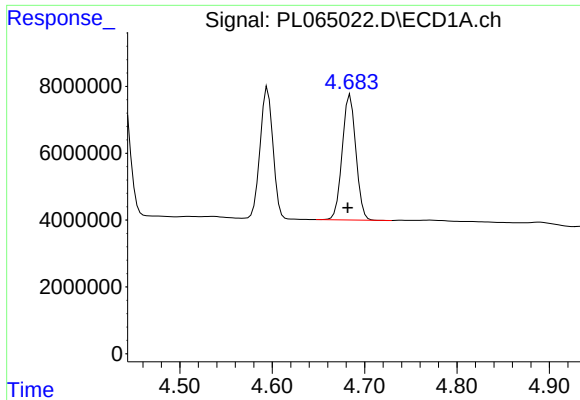
#4 Heptachlor

R.T.: 4.440 min  
Delta R.T.: 0.003 min  
Response: 40122560  
Conc: 9.79 ng/ml



#4 Heptachlor

R.T.: 5.306 min  
Delta R.T.: -0.001 min  
Response: 32951382  
Conc: 11.12 ng/ml



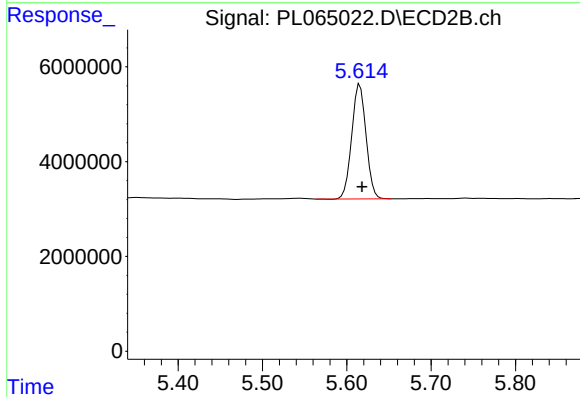
#5 Aldrin

R.T.: 4.684 min  
Delta R.T.: 0.003 min  
Response: 38507947  
Conc: 10.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB134905BS

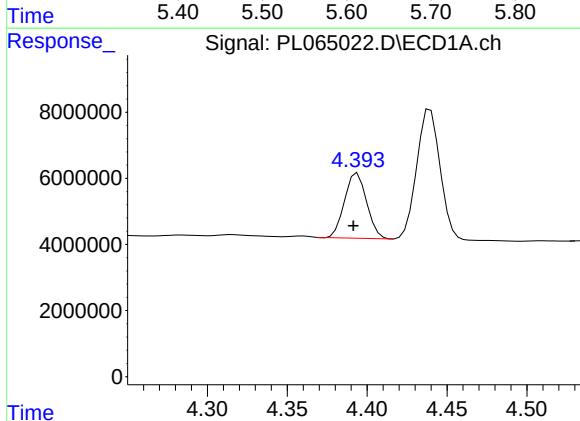
Manual Integrations  
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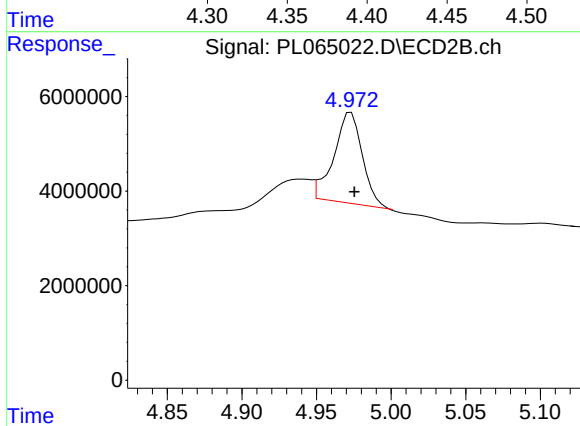
#5 Aldrin

R.T.: 5.616 min  
Delta R.T.: -0.002 min  
Response: 28551263  
Conc: 11.64 ng/ml



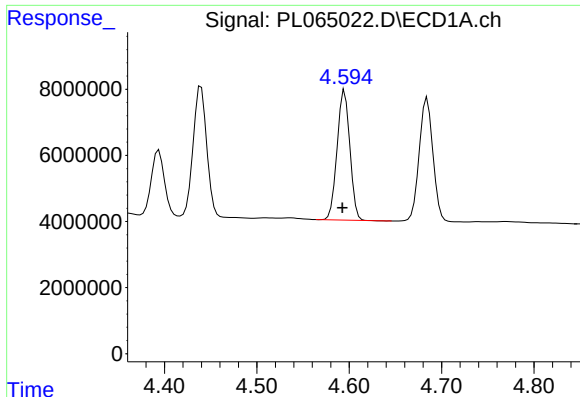
#6 beta-BHC

R.T.: 4.394 min  
Delta R.T.: 0.003 min  
Response: 18971234  
Conc: 11.10 ng/ml



#6 beta-BHC

R.T.: 4.973 min  
Delta R.T.: -0.002 min  
Response: 25433053  
Conc: 16.96 ng/ml



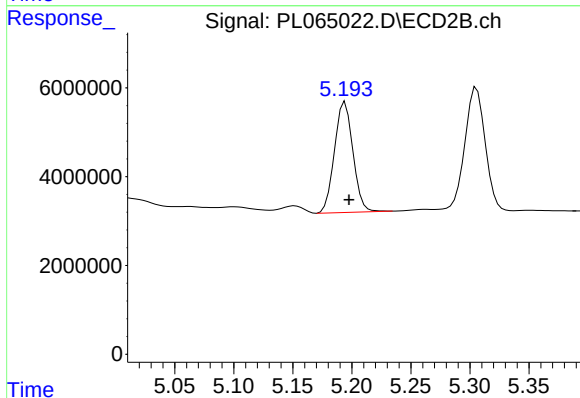
#7 delta-BHC

R.T.: 4.595 min  
Delta R.T.: 0.003 min  
Response: 37714300  
Conc: 9.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB134905BS

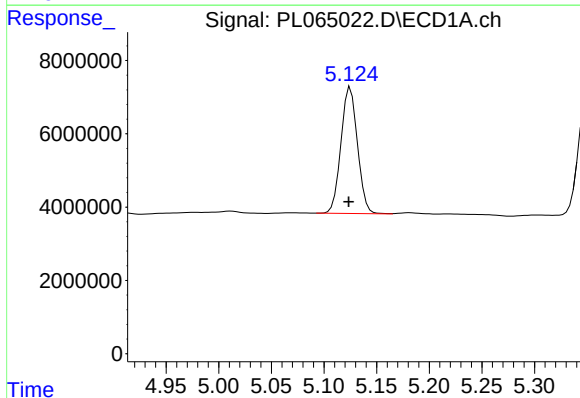
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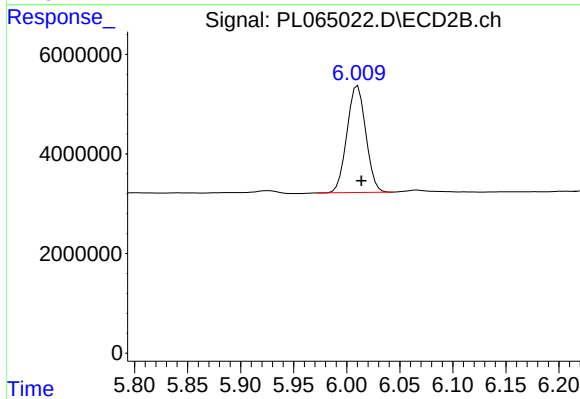
#7 delta-BHC

R.T.: 5.194 min  
Delta R.T.: -0.003 min  
Response: 27098833  
Conc: 10.03 ng/ml



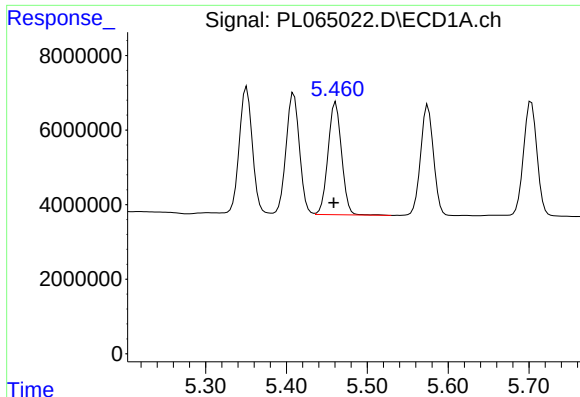
#8 Heptachlor epoxide

R.T.: 5.125 min  
Delta R.T.: 0.002 min  
Response: 37689420  
Conc: 10.86 ng/ml



#8 Heptachlor epoxide

R.T.: 6.010 min  
Delta R.T.: -0.003 min  
Response: 26431742  
Conc: 11.98 ng/ml



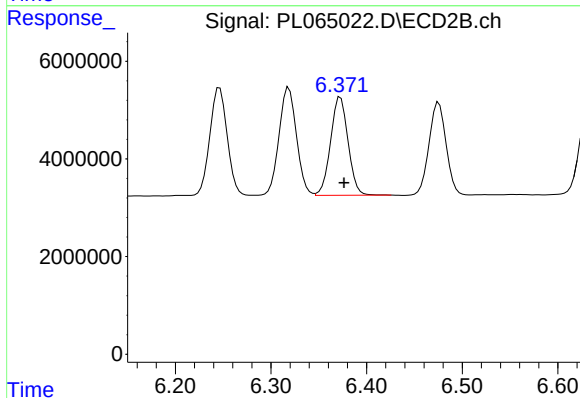
#9 Endosulfan I

R.T.: 5.461 min  
Delta R.T.: 0.002 min  
Response: 35210878  
Conc: 10.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB134905BS

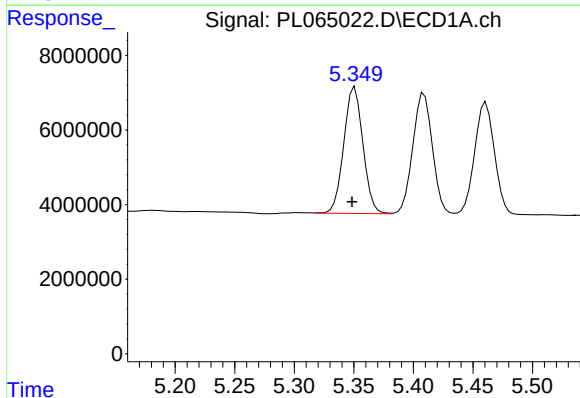
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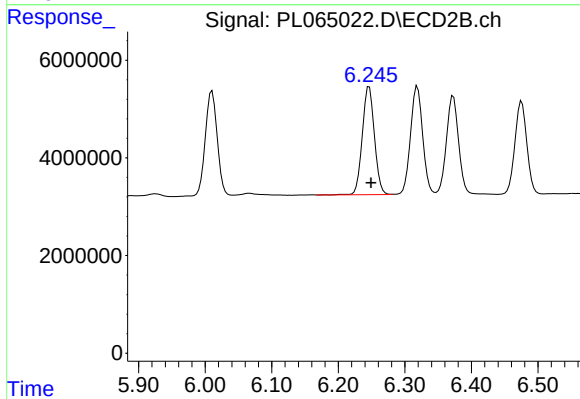
#9 Endosulfan I

R.T.: 6.373 min  
Delta R.T.: -0.004 min  
Response: 25474442  
Conc: 12.15 ng/ml



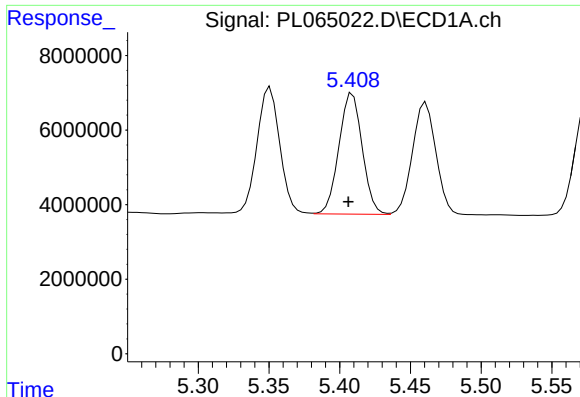
#10 gamma-Chlordane

R.T.: 5.351 min  
Delta R.T.: 0.002 min  
Response: 37943041  
Conc: 10.82 ng/ml



#10 gamma-Chlordane

R.T.: 6.246 min  
Delta R.T.: -0.003 min  
Response: 27967737  
Conc: 12.10 ng/ml



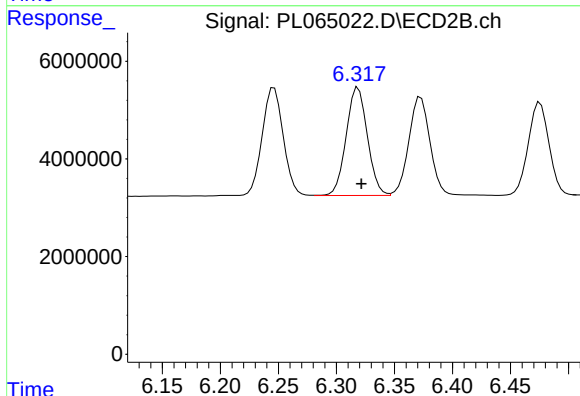
#11 alpha-Chlordane

R.T.: 5.409 min  
Delta R.T.: 0.003 min  
Response: 37262918  
Conc: 10.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB134905BS

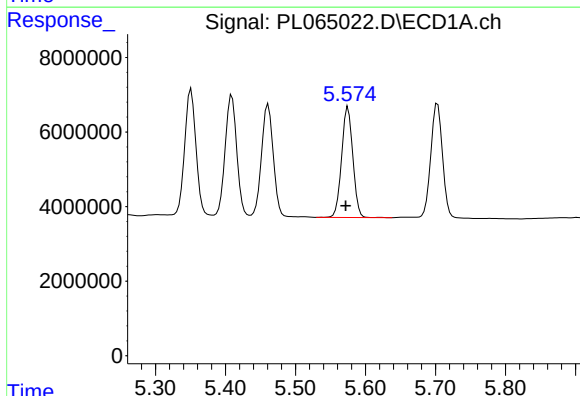
Manual Integrations  
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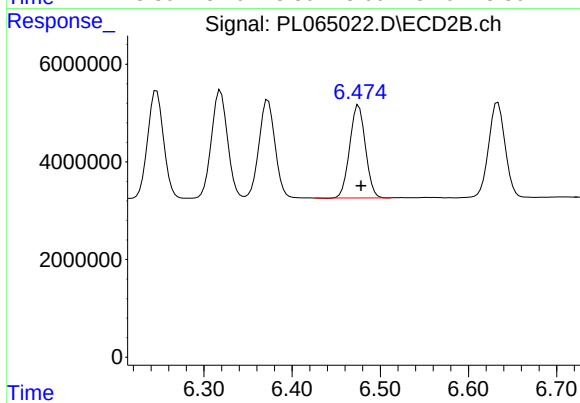
#11 alpha-Chlordane

R.T.: 6.319 min  
Delta R.T.: -0.003 min  
Response: 28102830  
Conc: 12.21 ng/ml



#12 4,4'-DDE

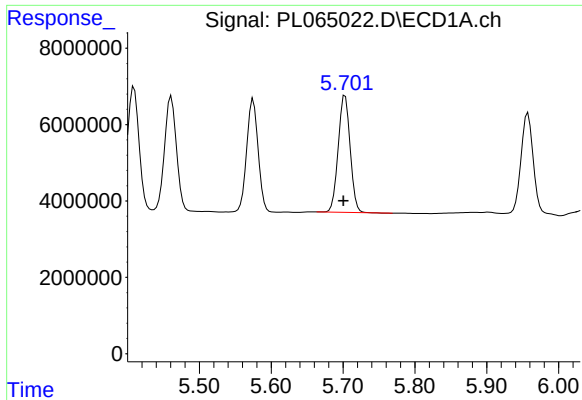
R.T.: 5.575 min  
Delta R.T.: 0.003 min  
Response: 33030151  
Conc: 10.55 ng/ml



#12 4,4'-DDE

R.T.: 6.476 min  
Delta R.T.: -0.002 min  
Response: 23496409  
Conc: 11.59 ng/ml





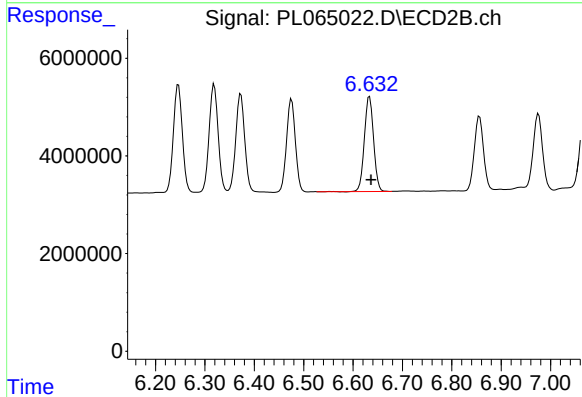
#13 Dieldrin

R.T.: 5.703 min  
Delta R.T.: 0.002 min  
Response: 35374626  
Conc: 10.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB134905BS

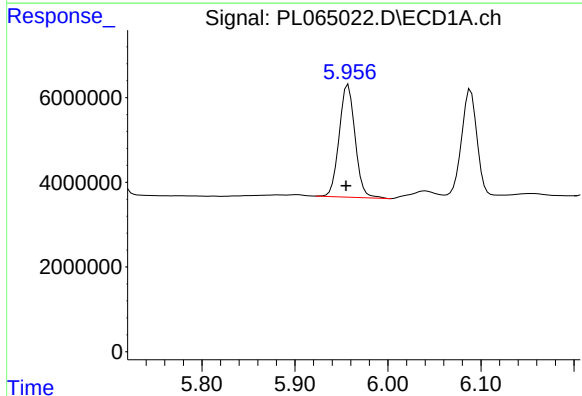
Manual Integrations  
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3/4/2021 9:08:10 AM



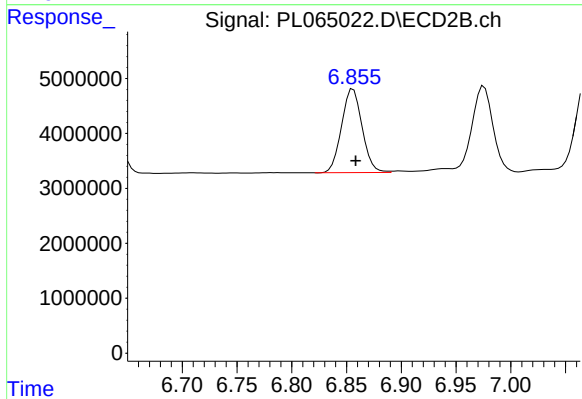
#13 Dieldrin

R.T.: 6.633 min  
Delta R.T.: -0.003 min  
Response: 25260453  
Conc: 11.82 ng/ml



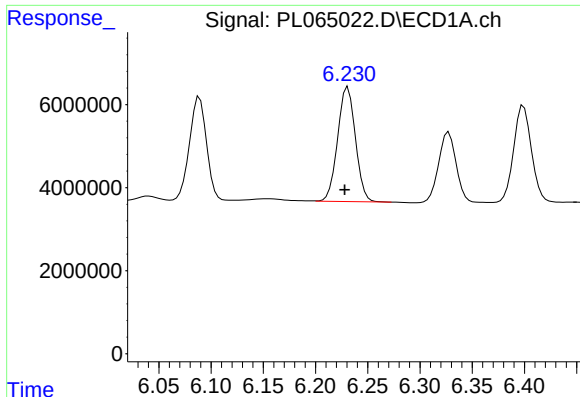
#14 Endrin

R.T.: 5.957 min  
Delta R.T.: 0.002 min  
Response: 31622846  
Conc: 10.53 ng/ml



#14 Endrin

R.T.: 6.856 min  
Delta R.T.: -0.002 min  
Response: 19908231  
Conc: 11.01 ng/ml



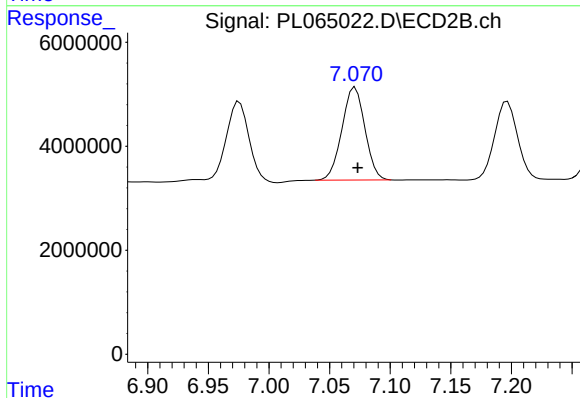
#15 Endosulfan II

R.T.: 6.231 min  
Delta R.T.: 0.003 min  
Response: 32626022  
Conc: 11.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB134905BS

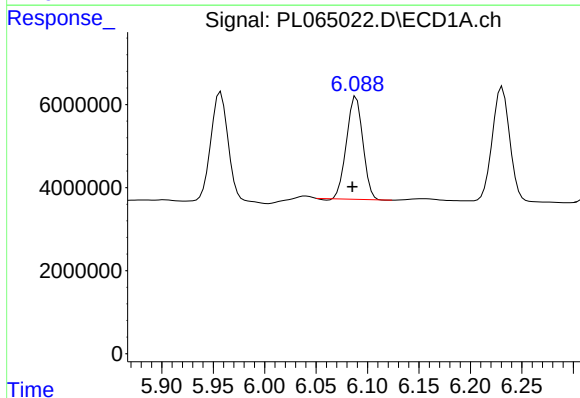
Manual Integrations  
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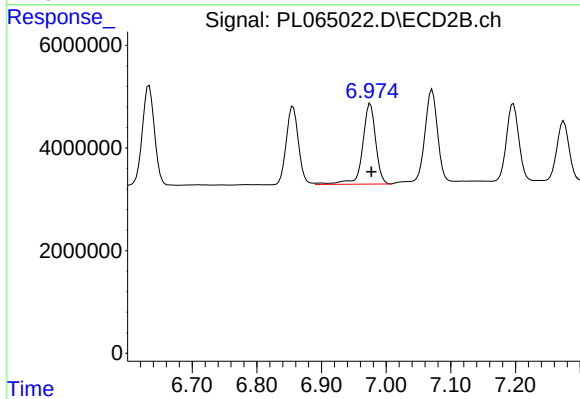
#15 Endosulfan II

R.T.: 7.071 min  
Delta R.T.: -0.002 min  
Response: 23538517  
Conc: 12.49 ng/ml



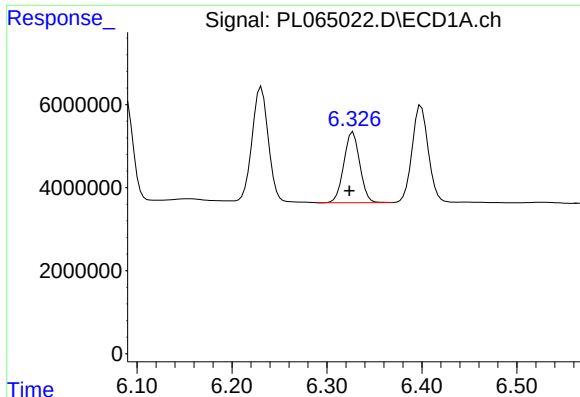
#16 4,4'-DDD

R.T.: 6.089 min  
Delta R.T.: 0.004 min  
Response: 27267654  
Conc: 10.77 ng/ml



#16 4,4'-DDD

R.T.: 6.976 min  
Delta R.T.: -0.002 min  
Response: 22058775  
Conc: 12.72 ng/ml



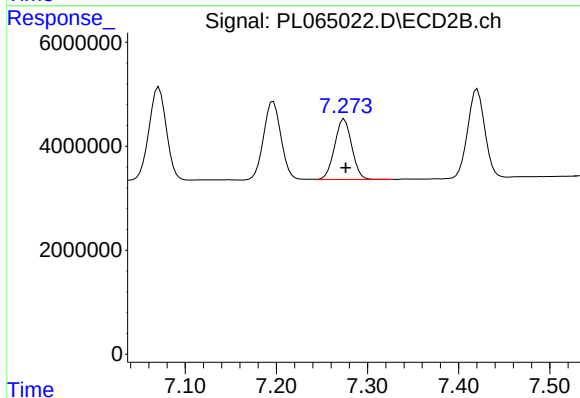
#17 4,4'-DDT

R.T.: 6.328 min  
Delta R.T.: 0.004 min  
Response: 19921617  
Conc: 8.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB134905BS

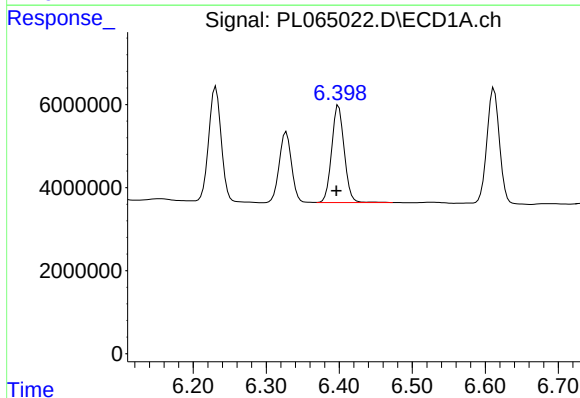
Manual Integrations  
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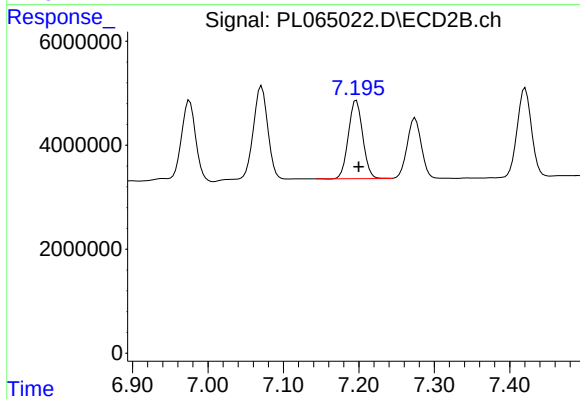
#17 4,4'-DDT

R.T.: 7.275 min  
Delta R.T.: -0.002 min  
Response: 15282532  
Conc: 10.02 ng/ml



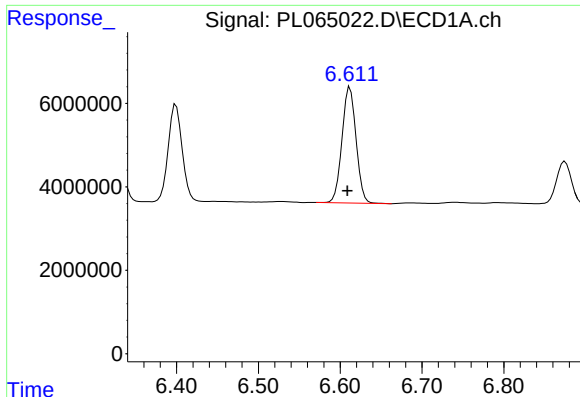
#18 Endrin aldehyde

R.T.: 6.399 min  
Delta R.T.: 0.003 min  
Response: 28079232  
Conc: 11.52 ng/ml



#18 Endrin aldehyde

R.T.: 7.197 min  
Delta R.T.: -0.003 min  
Response: 19971813  
Conc: 12.26 ng/ml



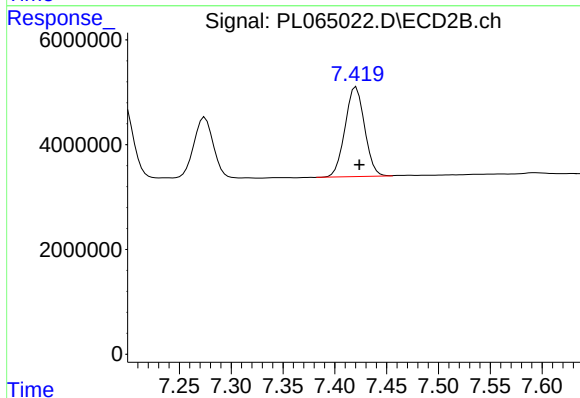
#19 Endosulfan Sulfate

R.T.: 6.612 min  
Delta R.T.: 0.003 min  
Response: 33084461  
Conc: 11.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB134905BS

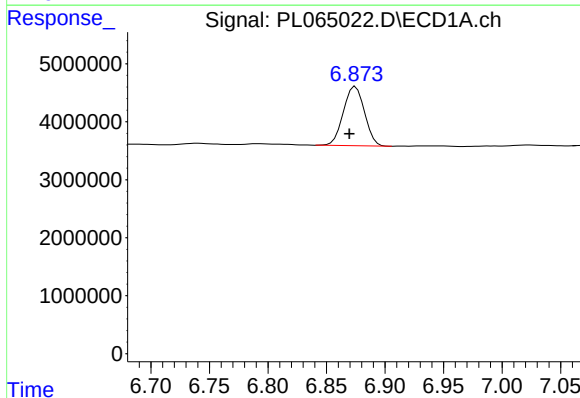
Manual Integrations  
APPROVED

Ankita  
3/4/2021 9:08:10 AM



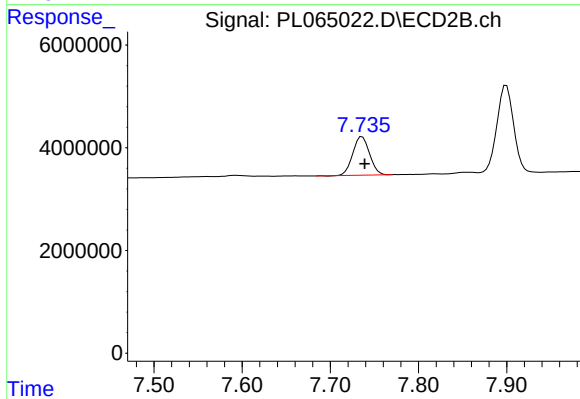
#19 Endosulfan Sulfate

R.T.: 7.419 min  
Delta R.T.: -0.005 min  
Response: 22487872  
Conc: 12.50 ng/ml m



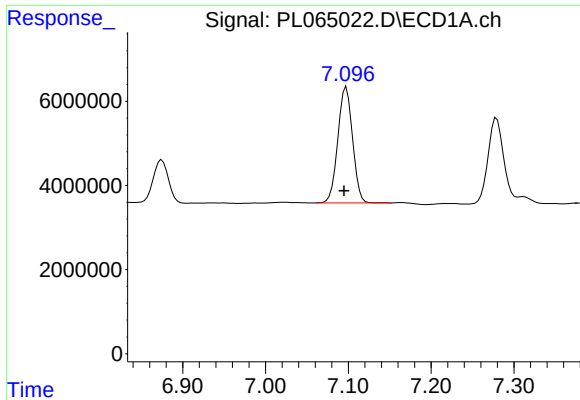
#20 Methoxychlor

R.T.: 6.875 min  
Delta R.T.: 0.005 min  
Response: 12887826  
Conc: 9.95 ng/ml



#20 Methoxychlor

R.T.: 7.736 min  
Delta R.T.: -0.003 min  
Response: 9980404  
Conc: 11.04 ng/ml



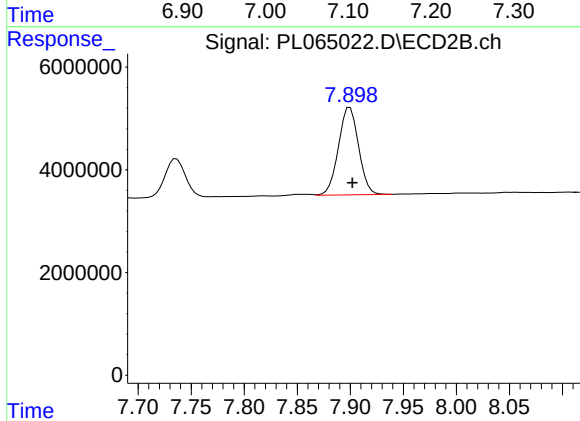
#21 Endrin ketone

R.T.: 7.098 min  
Delta R.T.: 0.003 min  
Response: 34061356  
Conc: 11.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB134905BS

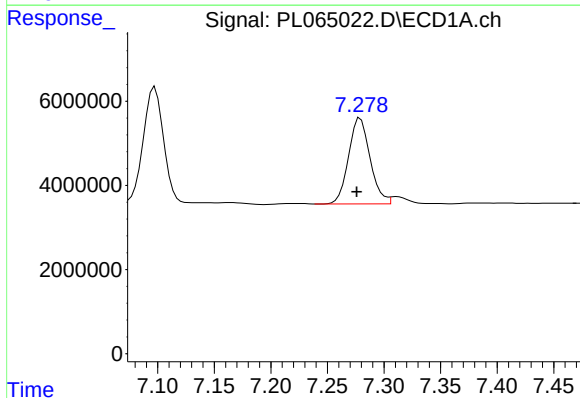
Manual Integrations  
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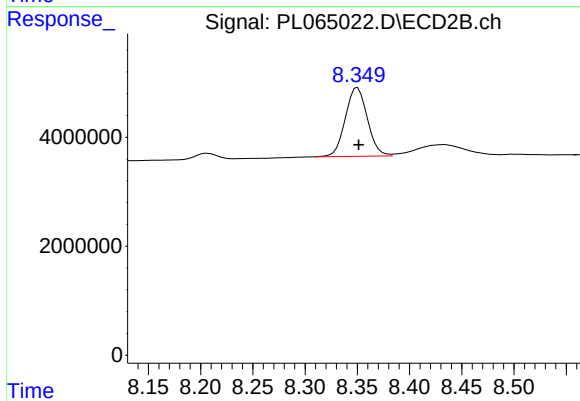
#21 Endrin ketone

R.T.: 7.898 min  
Delta R.T.: -0.004 min  
Response: 22395137  
Conc: 11.71 ng/ml m



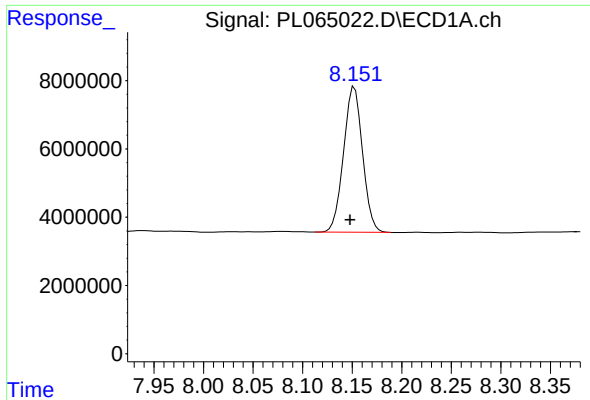
#22 Mirex

R.T.: 7.279 min  
Delta R.T.: 0.003 min  
Response: 27063254  
Conc: 12.81 ng/ml



#22 Mirex

R.T.: 8.350 min  
Delta R.T.: -0.001 min  
Response: 18533450  
Conc: 13.33 ng/ml



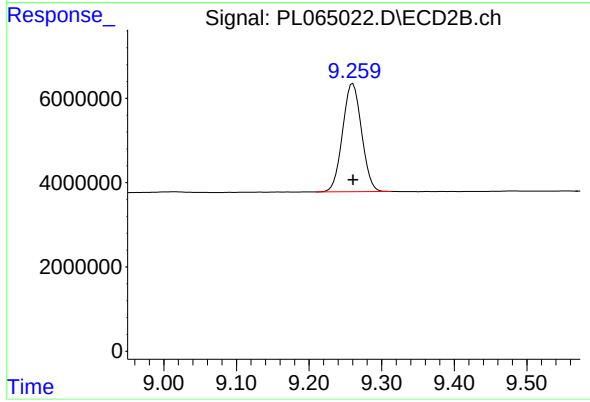
#28 Decachlorobiphenyl

R.T.: 8.152 min  
Delta R.T.: 0.005 min  
Response: 56811497  
Conc: 25.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB134905BS

Manual Integrations  
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#28 Decachlorobiphenyl

R.T.: 9.260 min  
Delta R.T.: 0.000 min  
Response: 46667009  
Conc: 24.57 ng/ml