

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL022120\  
 Data File : PL056729.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Feb 2020 14:31  
 Operator : AJ\MA  
 Sample : PB126976BSD  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB126976BSD

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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 21 15:39:29 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL021920.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Feb 20 02:32:45 2020  
 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... | 3.498 | 4.019 | 180.3E6  | 51993329 | 20.848 | 20.872  |
| 28)                         | SA Decachlor... | 8.249 | 9.090 | 226.9E6  | 43825841 | 19.071 | 20.856  |
| Target Compounds            |                 |       |       |          |          |        |         |
| 2)                          | A alpha-BHC     | 3.935 | 4.408 | 147.4E6  | 36411314 | 9.341  | 9.679   |
| 3)                          | MA gamma-BHC... | 4.219 | 4.693 | 138.0E6  | 33817730 | 9.249  | 9.820   |
| 4)                          | MA Heptachlor   | 4.520 | 5.199 | 141.1E6  | 30916909 | 9.569  | 10.568  |
| 5)                          | MB Aldrin       | 4.770 | 5.504 | 143.1E6  | 31674847 | 9.585  | 10.121  |
| 6)                          | B beta-BHC      | 4.470 | 4.866 | 54509049 | 13970393 | 9.406  | 10.686  |
| 7)                          | B delta-BHC     | 4.675 | 5.083 | 124.9E6  | 22768801 | 8.664  | 7.479   |
| 8)                          | B Heptachlo...  | 5.212 | 5.891 | 139.0E6  | 29096627 | 9.827  | 9.952   |
| 9)                          | A Endosulfan I  | 5.551 | 6.248 | 133.6E6  | 27922145 | 9.997  | 10.335  |
| 10)                         | B gamma-Chl...  | 5.439 | 6.126 | 143.8E6  | 29865342 | 9.898  | 10.413  |
| 11)                         | B alpha-Chl...  | 5.497 | 6.198 | 141.2E6  | 30045977 | 9.780  | 10.559  |
| 12)                         | B 4,4'-DDE      | 5.661 | 6.357 | 137.7E6  | 27314600 | 9.791  | 9.919   |
| 13)                         | MA Dieldrin     | 5.795 | 6.506 | 137.0E6  | 28234951 | 9.188  | 9.878   |
| 14)                         | MA Endrin       | 6.052 | 6.724 | 135.2E6  | 24635016 | 10.017 | 10.000  |
| 15)                         | B Endosulfa...  | 6.325 | 6.935 | 122.5E6  | 26299911 | 9.865  | 10.183  |
| 16)                         | A 4,4'-DDD      | 6.178 | 6.849 | 96233119 | 23146665 | 8.603  | 10.052  |
| 17)                         | MA 4,4'-DDT     | 6.417 | 7.146 | 93415318 | 19947115 | 8.578  | 9.588   |
| 18)                         | B Endrin al...  | 6.493 | 7.059 | 108.2E6  | 22075452 | 10.000 | 10.523  |
| 19)                         | B Endosulfa...  | 6.707 | 7.282 | 123.2E6  | 25730871 | 10.389 | 10.827  |
| 20)                         | A Methoxychlor  | 6.962 | 7.606 | 53654070 | 11906658 | 10.119 | 10.759  |
| 21)                         | B Endrin ke...  | 7.198 | 7.753 | 128.6E6  | 26653988 | 9.642  | 10.555  |
| 22)                         | Mirex           | 7.387 | 8.206 | 89378020 | 22129231 | 10.651 | 13.173m |
| -----                       |                 |       |       |          |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL022120\  
Data File : PL056729.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Feb 2020 14:31  
Operator : AJ\MA  
Sample : PB126976BSD  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

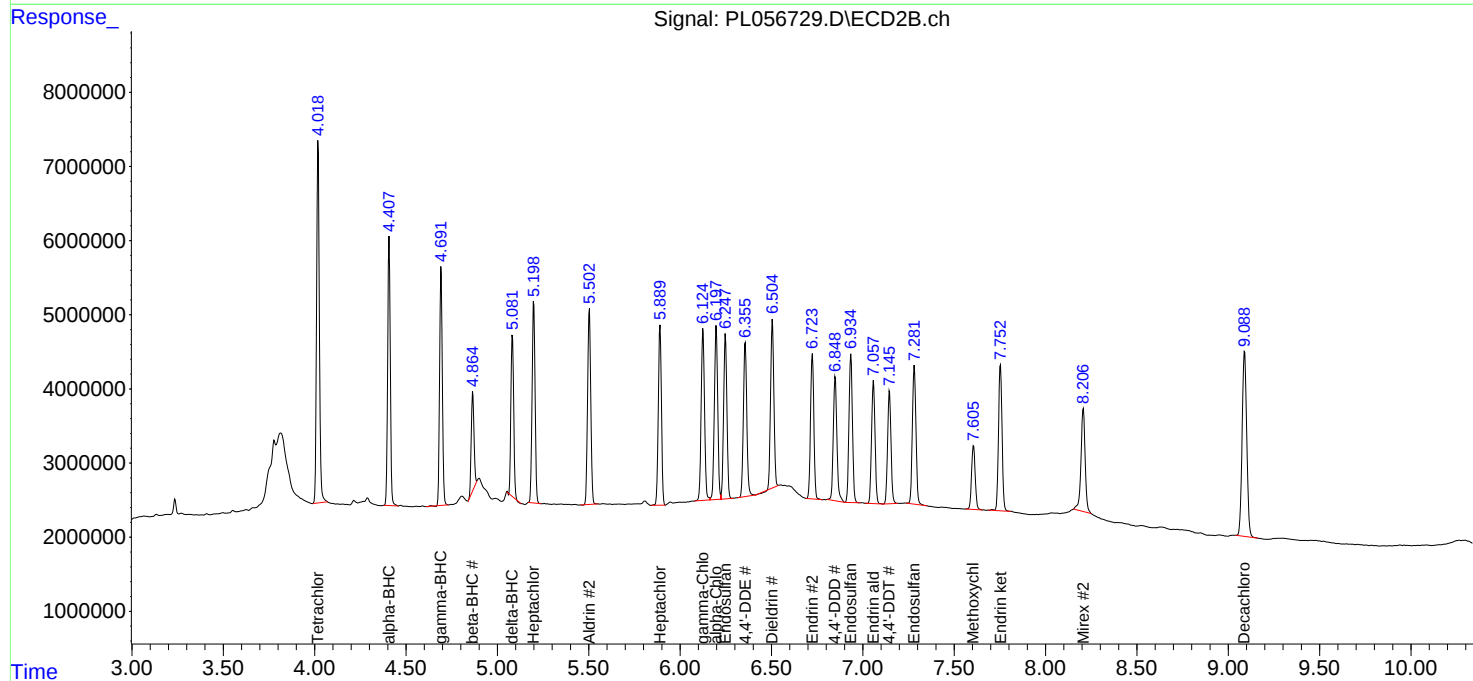
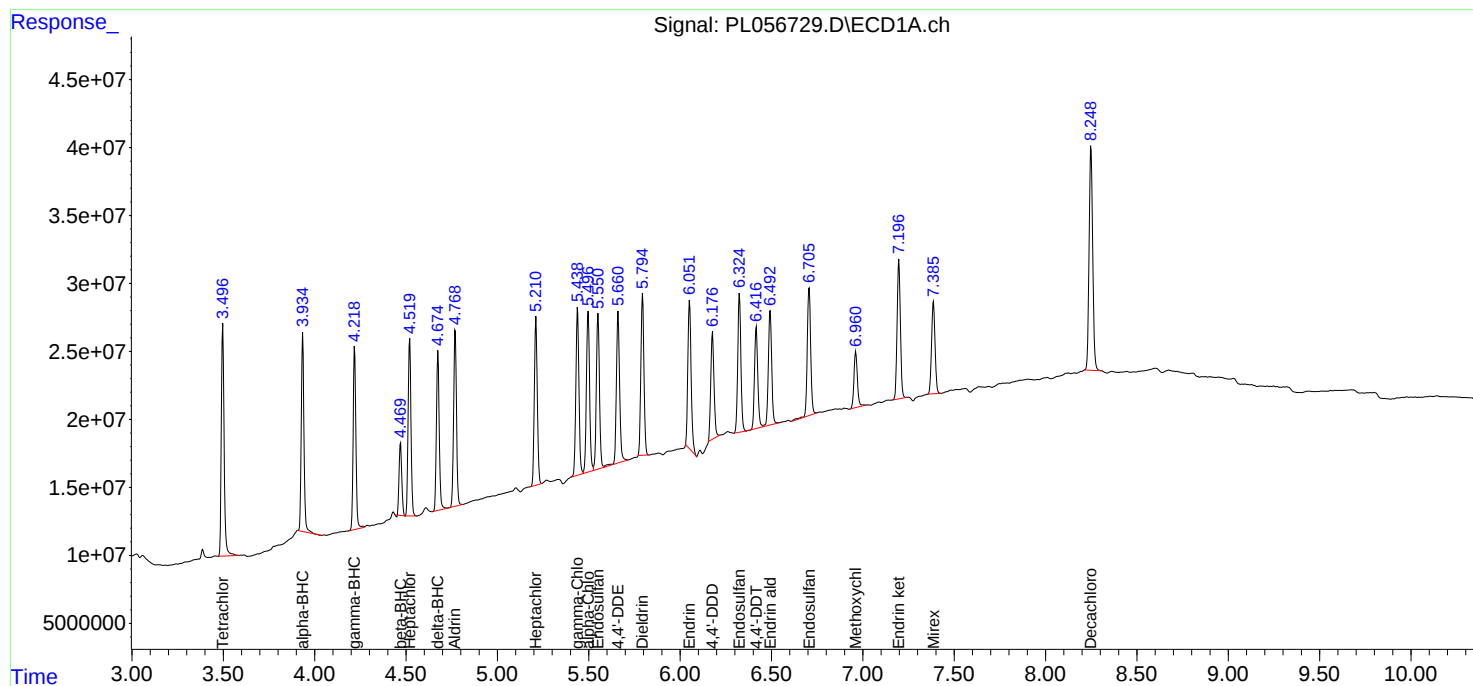
Instrument :  
ECD\_L  
ClientSampleId :  
PB126976BSD

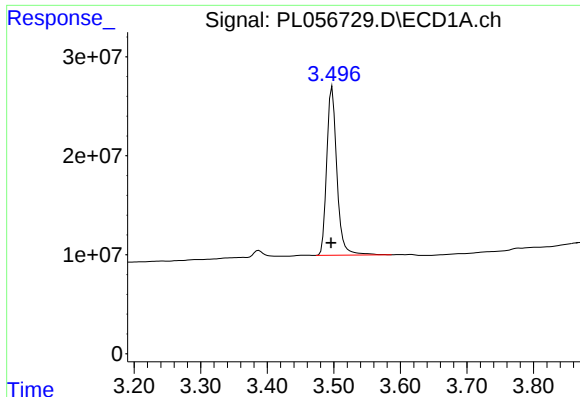
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 21 15:39:29 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL021920.M  
Quant Title : GC Extractables  
QLast Update : Thu Feb 20 02:32:45 2020  
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





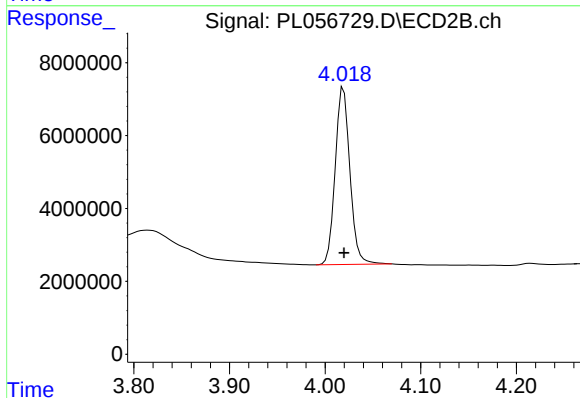
#1 Tetrachloro-m-xylene

R.T.: 3.498 min  
Delta R.T.: 0.002 min  
Response: 180289769  
Conc: 20.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB126976BSD

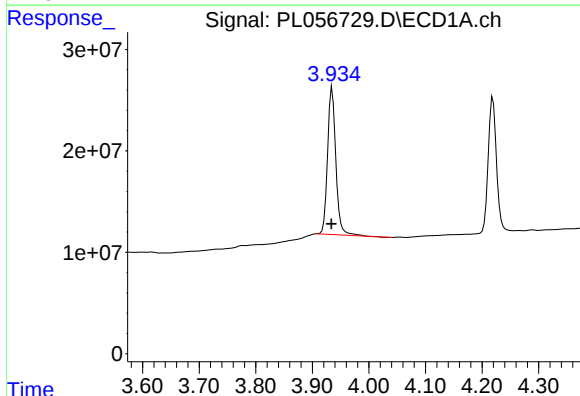
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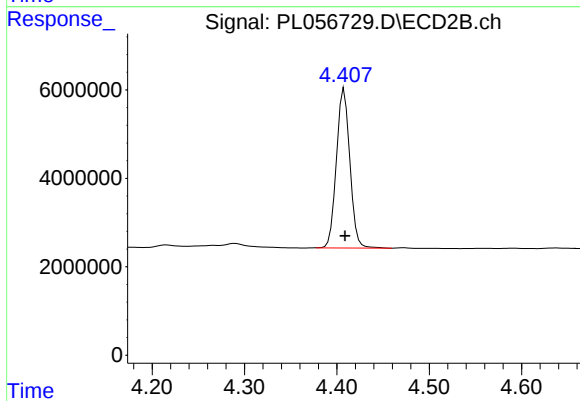
#1 Tetrachloro-m-xylene

R.T.: 4.019 min  
Delta R.T.: 0.000 min  
Response: 51993329  
Conc: 20.87 ng/ml



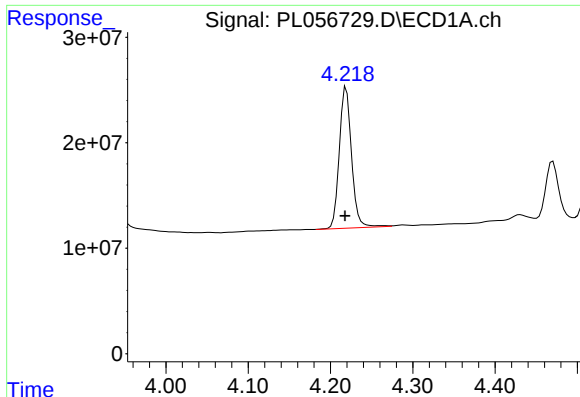
#2 alpha-BHC

R.T.: 3.935 min  
Delta R.T.: 0.001 min  
Response: 147433423  
Conc: 9.34 ng/ml



#2 alpha-BHC

R.T.: 4.408 min  
Delta R.T.: 0.000 min  
Response: 36411314  
Conc: 9.68 ng/ml



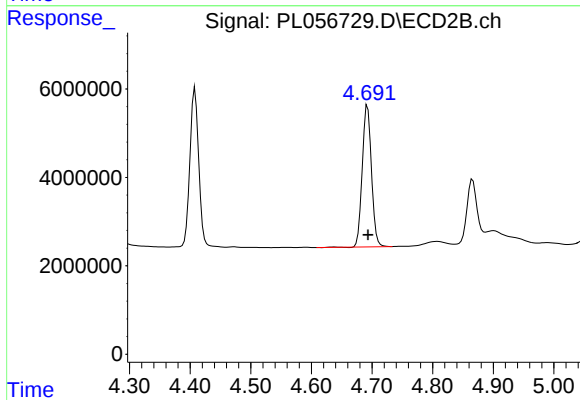
#3 gamma-BHC (Lindane)

R.T.: 4.219 min  
Delta R.T.: 0.001 min  
Response: 137972216  
Conc: 9.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB126976BSD

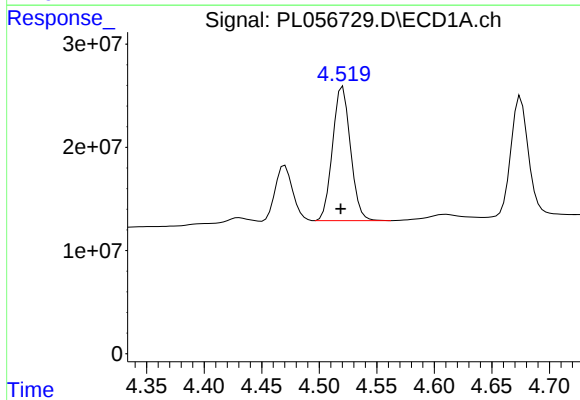
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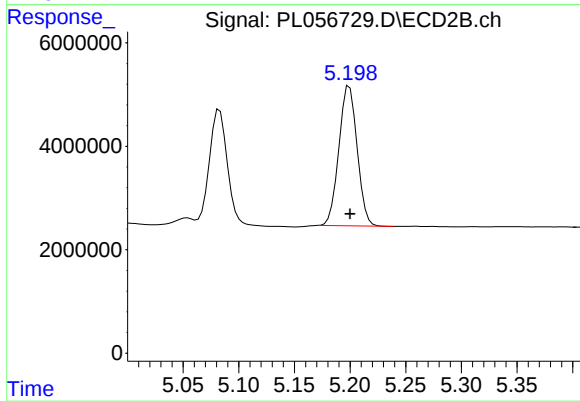
#3 gamma-BHC (Lindane)

R.T.: 4.693 min  
Delta R.T.: 0.000 min  
Response: 33817730  
Conc: 9.82 ng/ml



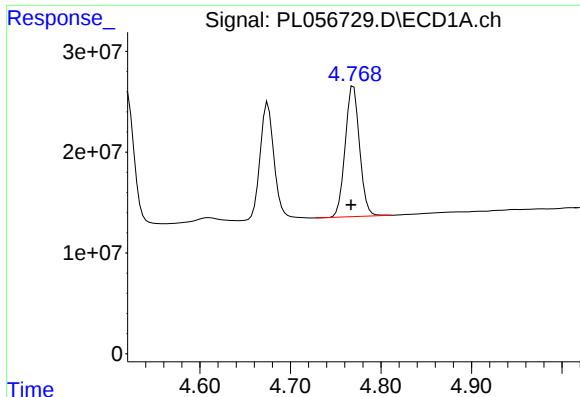
#4 Heptachlor

R.T.: 4.520 min  
Delta R.T.: 0.002 min  
Response: 141100587  
Conc: 9.57 ng/ml



#4 Heptachlor

R.T.: 5.199 min  
Delta R.T.: 0.000 min  
Response: 30916909  
Conc: 10.57 ng/ml



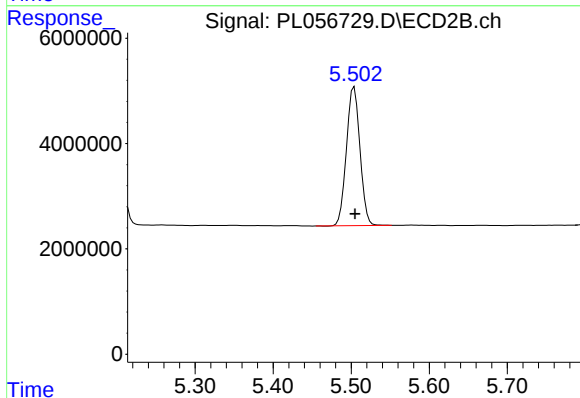
#5 Aldrin

R.T.: 4.770 min  
Delta R.T.: 0.003 min  
Response: 143099241  
Conc: 9.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB126976BSD

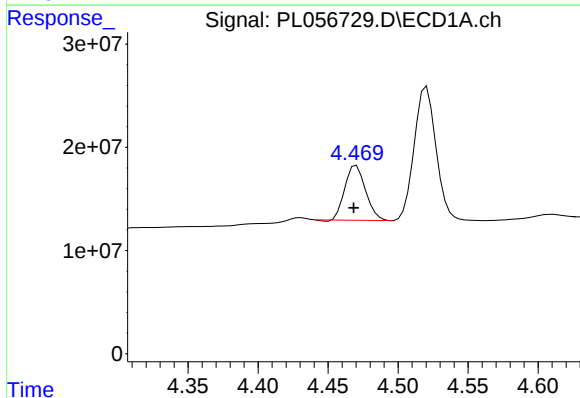
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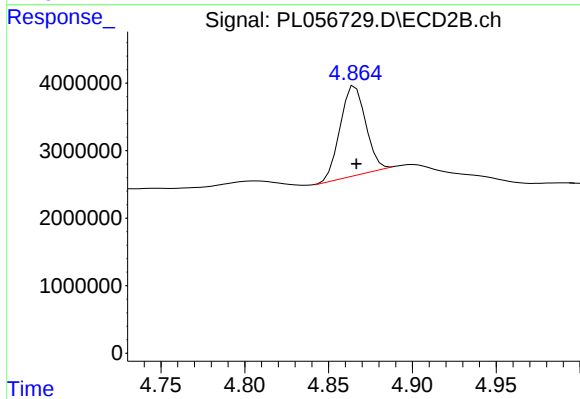
#5 Aldrin

R.T.: 5.504 min  
Delta R.T.: 0.000 min  
Response: 31674847  
Conc: 10.12 ng/ml



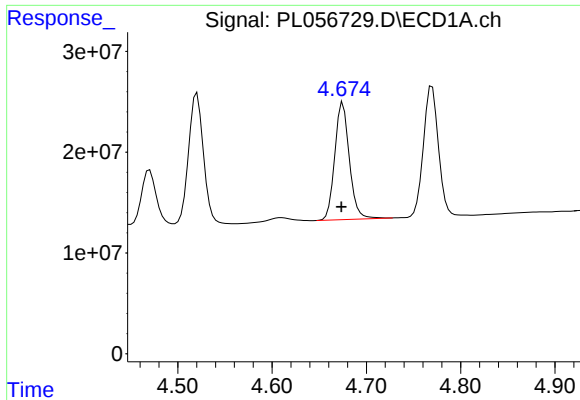
#6 beta-BHC

R.T.: 4.470 min  
Delta R.T.: 0.002 min  
Response: 54509049  
Conc: 9.41 ng/ml



#6 beta-BHC

R.T.: 4.866 min  
Delta R.T.: 0.000 min  
Response: 13970393  
Conc: 10.69 ng/ml



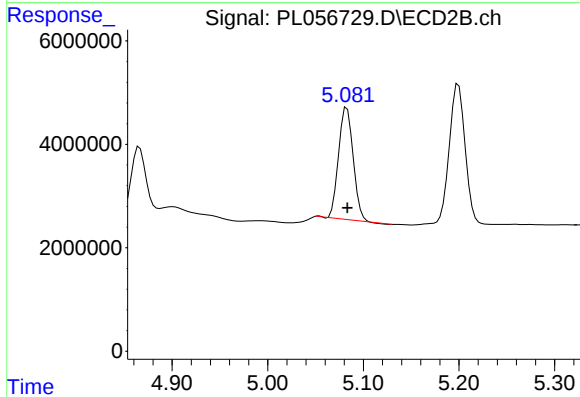
#7 delta-BHC

R.T.: 4.675 min  
Delta R.T.: 0.002 min  
Response: 124878216  
Conc: 8.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB126976BSD

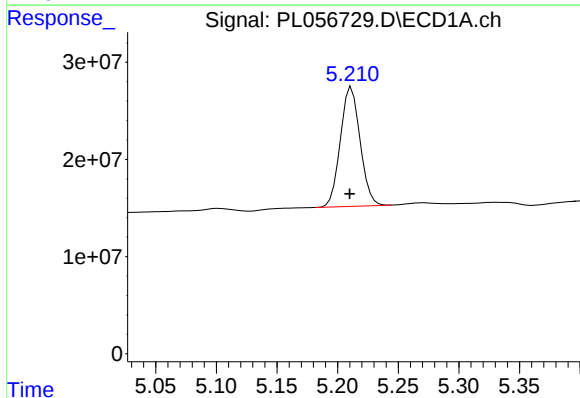
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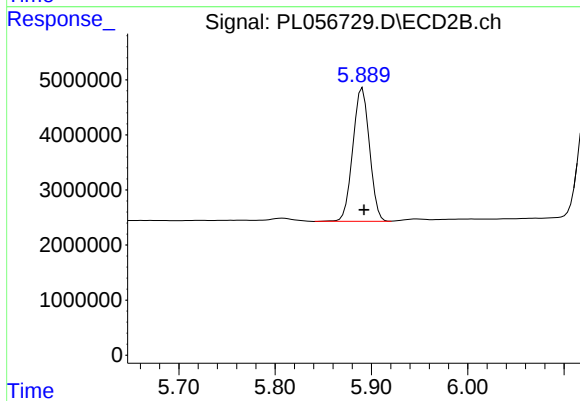
#7 delta-BHC

R.T.: 5.083 min  
Delta R.T.: 0.000 min  
Response: 22768801  
Conc: 7.48 ng/ml



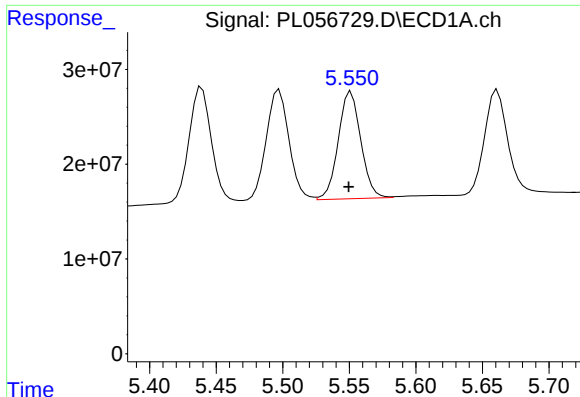
#8 Heptachlor epoxide

R.T.: 5.212 min  
Delta R.T.: 0.001 min  
Response: 139026500  
Conc: 9.83 ng/ml



#8 Heptachlor epoxide

R.T.: 5.891 min  
Delta R.T.: -0.002 min  
Response: 29096627  
Conc: 9.95 ng/ml



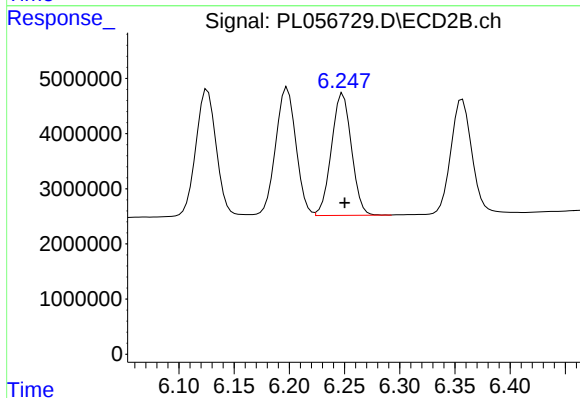
#9 Endosulfan I

R.T.: 5.551 min  
Delta R.T.: 0.002 min  
Response: 133637090  
Conc: 10.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB126976BSD

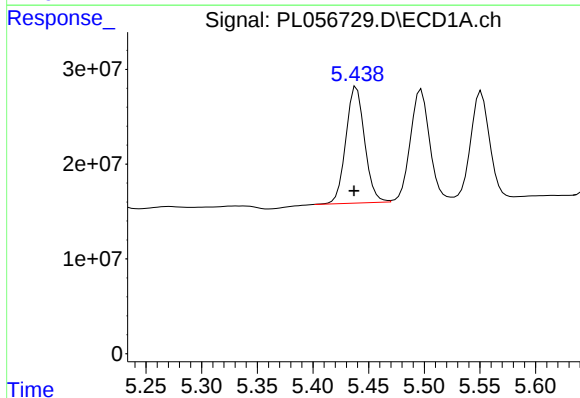
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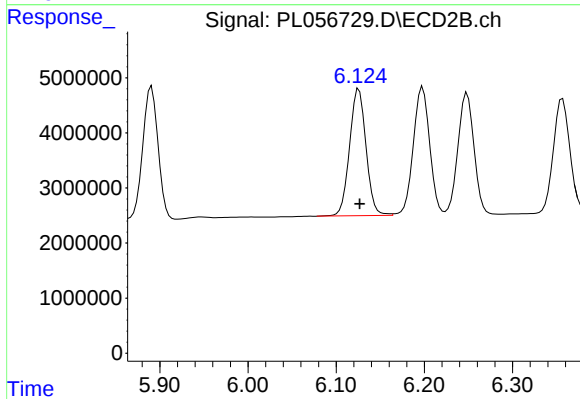
#9 Endosulfan I

R.T.: 6.248 min  
Delta R.T.: -0.002 min  
Response: 27922145  
Conc: 10.34 ng/ml



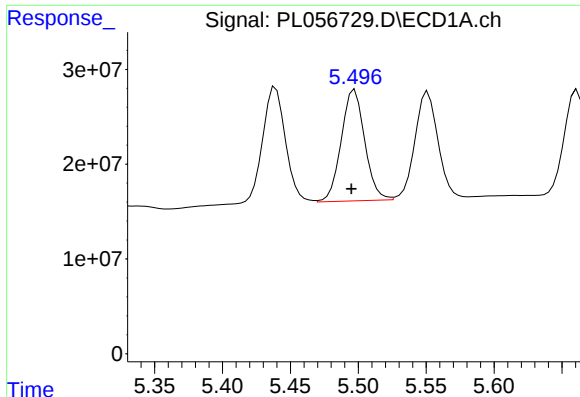
#10 gamma-Chlordane

R.T.: 5.439 min  
Delta R.T.: 0.002 min  
Response: 143774533  
Conc: 9.90 ng/ml



#10 gamma-Chlordane

R.T.: 6.126 min  
Delta R.T.: 0.000 min  
Response: 29865342  
Conc: 10.41 ng/ml



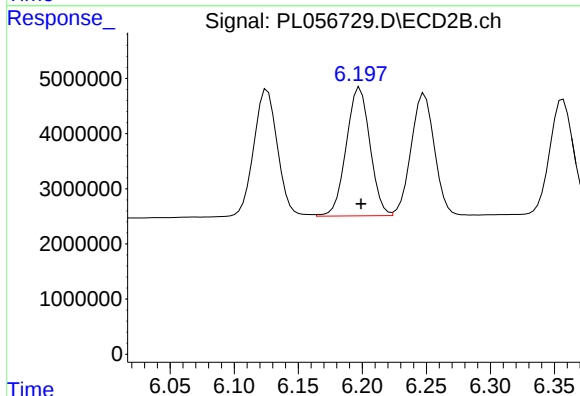
#11 alpha-Chlordane

R.T.: 5.497 min  
Delta R.T.: 0.003 min  
Response: 141231069  
Conc: 9.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB126976BSD

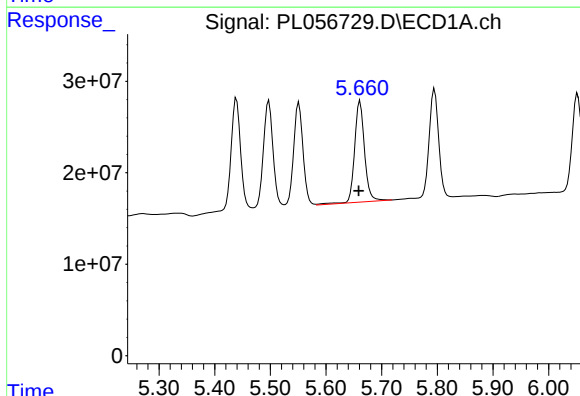
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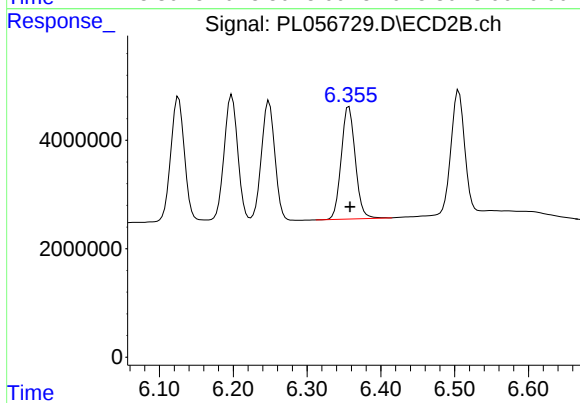
#11 alpha-Chlordane

R.T.: 6.198 min  
Delta R.T.: 0.000 min  
Response: 30045977  
Conc: 10.56 ng/ml



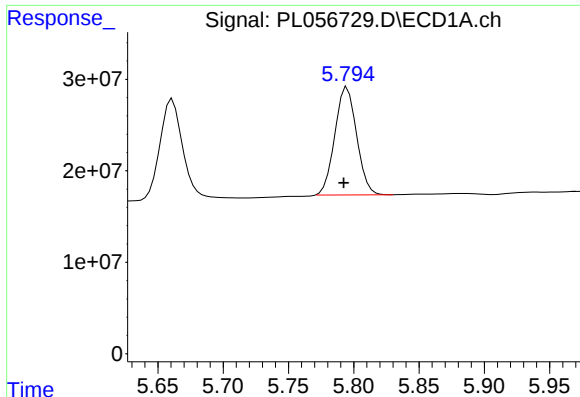
#12 4,4'-DDE

R.T.: 5.661 min  
Delta R.T.: 0.002 min  
Response: 137721236  
Conc: 9.79 ng/ml



#12 4,4'-DDE

R.T.: 6.357 min  
Delta R.T.: -0.002 min  
Response: 27314600  
Conc: 9.92 ng/ml



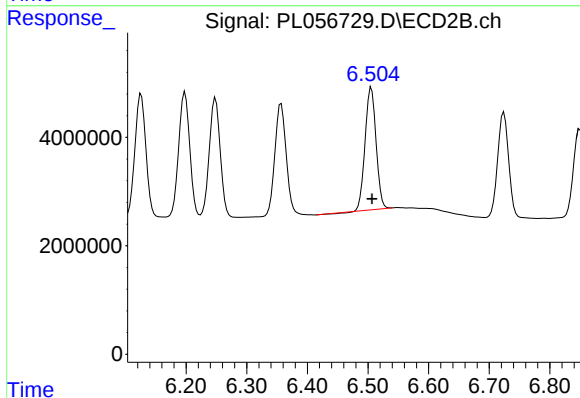
#13 Dieldrin

R.T.: 5.795 min  
Delta R.T.: 0.003 min  
Response: 136952040  
Conc: 9.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB126976BSD

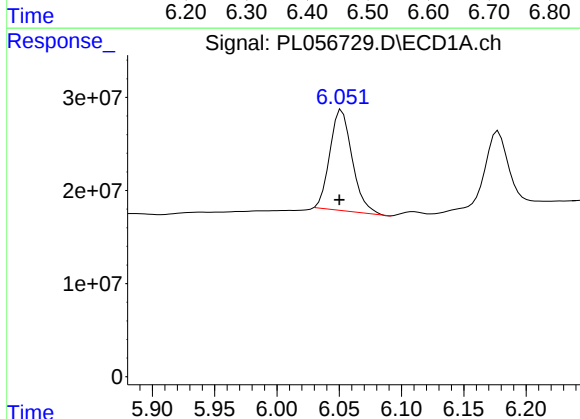
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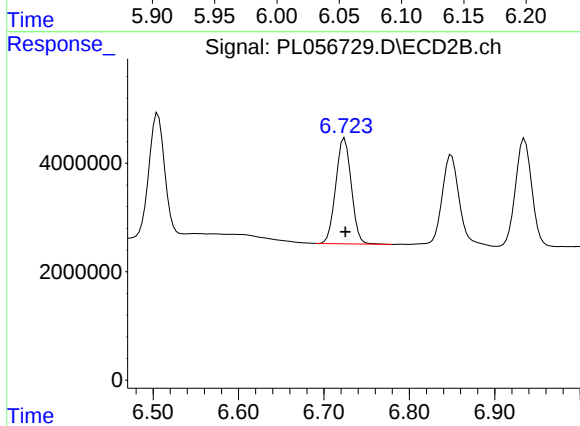
#13 Dieldrin

R.T.: 6.506 min  
Delta R.T.: 0.000 min  
Response: 28234951  
Conc: 9.88 ng/ml



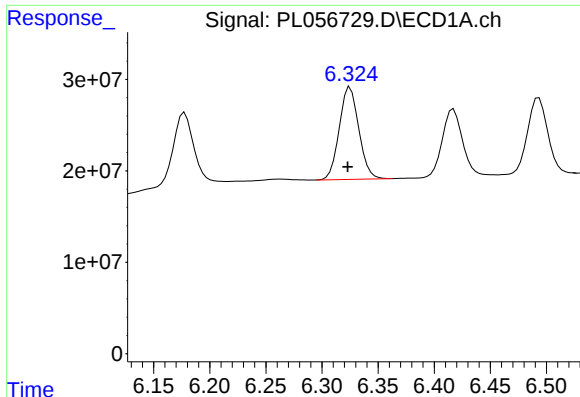
#14 Endrin

R.T.: 6.052 min  
Delta R.T.: 0.002 min  
Response: 135195788  
Conc: 10.02 ng/ml



#14 Endrin

R.T.: 6.724 min  
Delta R.T.: 0.000 min  
Response: 24635016  
Conc: 10.00 ng/ml



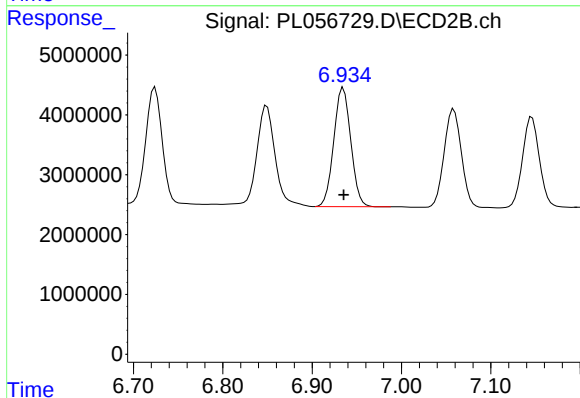
#15 Endosulfan II

R.T.: 6.325 min  
Delta R.T.: 0.002 min  
Response: 122512513  
Conc: 9.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB126976BSD

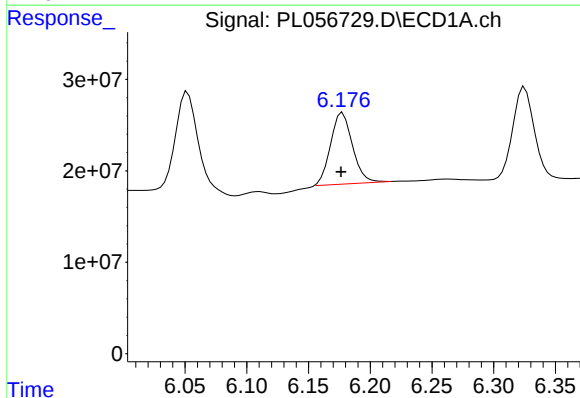
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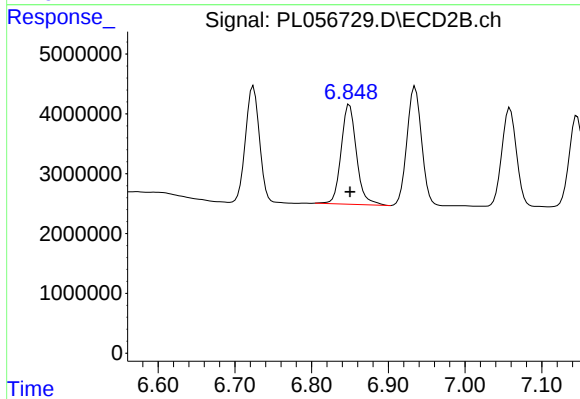
#15 Endosulfan II

R.T.: 6.935 min  
Delta R.T.: 0.000 min  
Response: 26299911  
Conc: 10.18 ng/ml



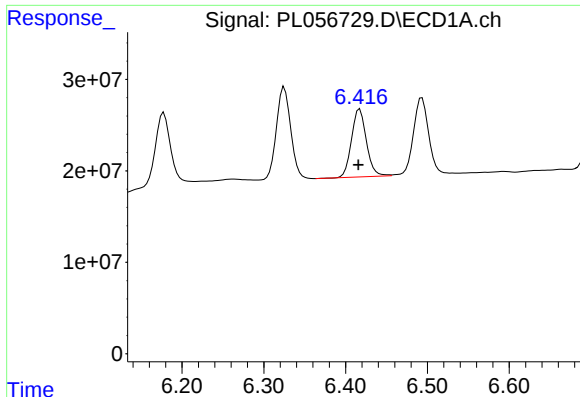
#16 4,4'-DDD

R.T.: 6.178 min  
Delta R.T.: 0.001 min  
Response: 96233119  
Conc: 8.60 ng/ml



#16 4,4'-DDD

R.T.: 6.849 min  
Delta R.T.: 0.000 min  
Response: 23146665  
Conc: 10.05 ng/ml



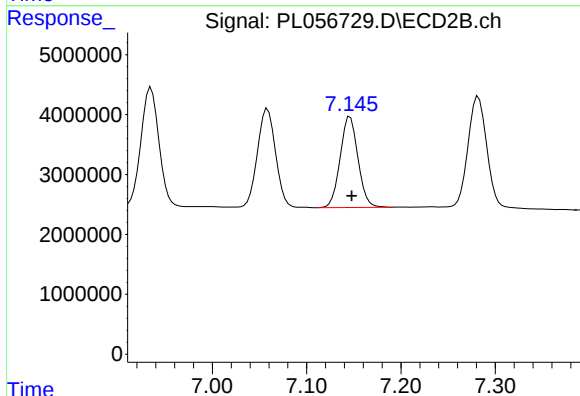
#17 4,4'-DDT

R.T.: 6.417 min  
Delta R.T.: 0.001 min  
Response: 93415318  
Conc: 8.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB126976BSD

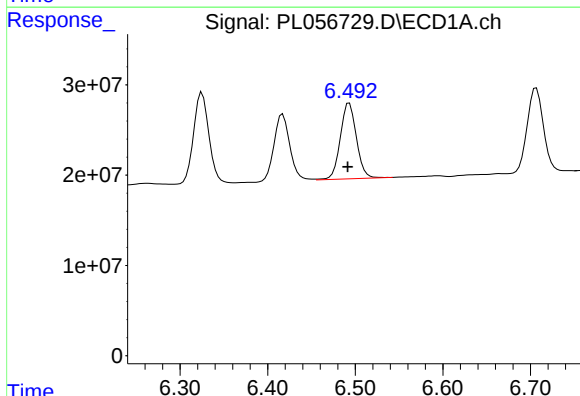
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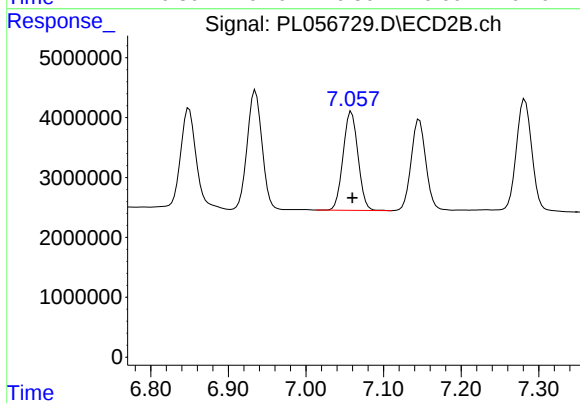
#17 4,4'-DDT

R.T.: 7.146 min  
Delta R.T.: -0.002 min  
Response: 19947115  
Conc: 9.59 ng/ml



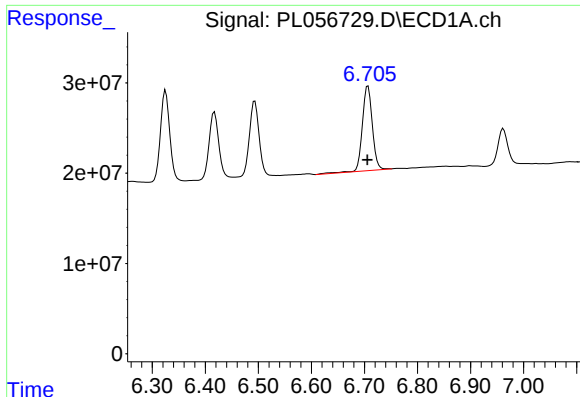
#18 Endrin aldehyde

R.T.: 6.493 min  
Delta R.T.: 0.002 min  
Response: 108242277  
Conc: 10.00 ng/ml



#18 Endrin aldehyde

R.T.: 7.059 min  
Delta R.T.: -0.001 min  
Response: 22075452  
Conc: 10.52 ng/ml



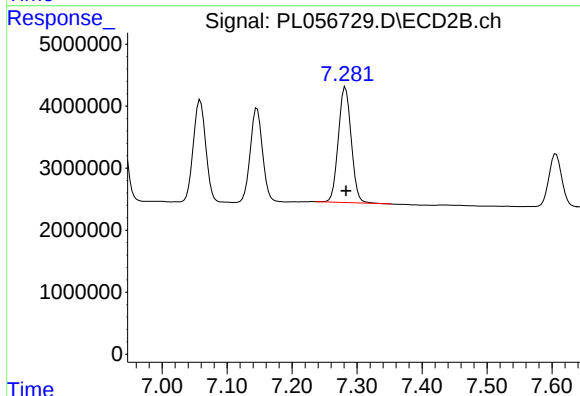
#19 Endosulfan Sulfate

R.T.: 6.707 min  
Delta R.T.: 0.001 min  
Response: 123181160  
Conc: 10.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB126976BSD

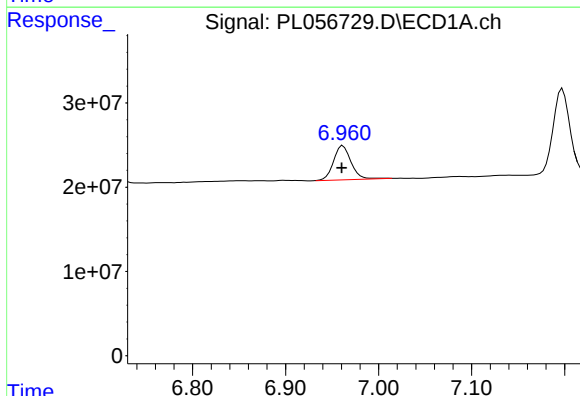
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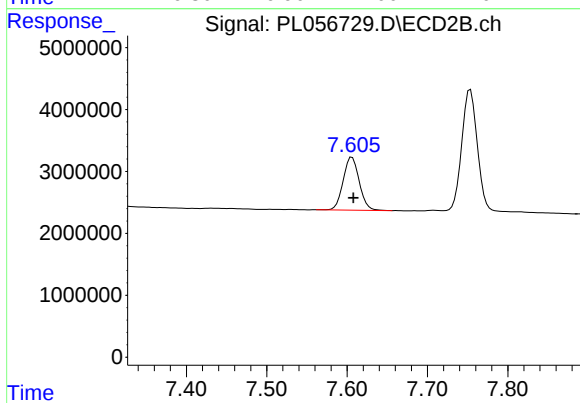
#19 Endosulfan Sulfate

R.T.: 7.282 min  
Delta R.T.: -0.001 min  
Response: 25730871  
Conc: 10.83 ng/ml



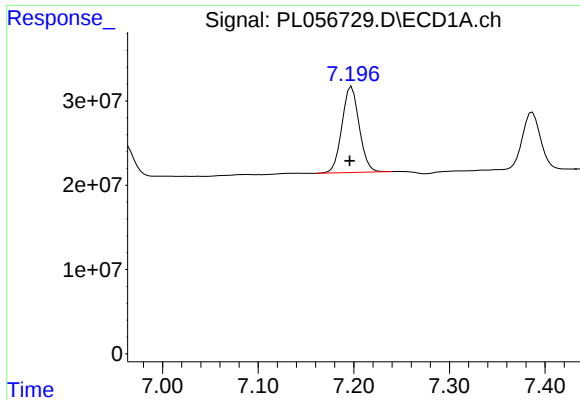
#20 Methoxychlor

R.T.: 6.962 min  
Delta R.T.: 0.001 min  
Response: 53654070  
Conc: 10.12 ng/ml



#20 Methoxychlor

R.T.: 7.606 min  
Delta R.T.: -0.002 min  
Response: 11906658  
Conc: 10.76 ng/ml



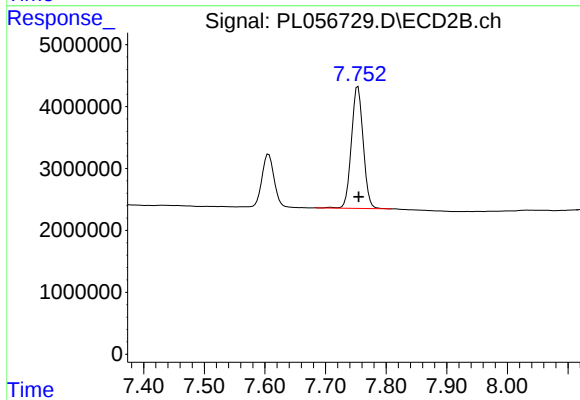
#21 Endrin ketone

R.T.: 7.198 min  
Delta R.T.: 0.002 min  
Response: 128551079  
Conc: 9.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB126976BSD

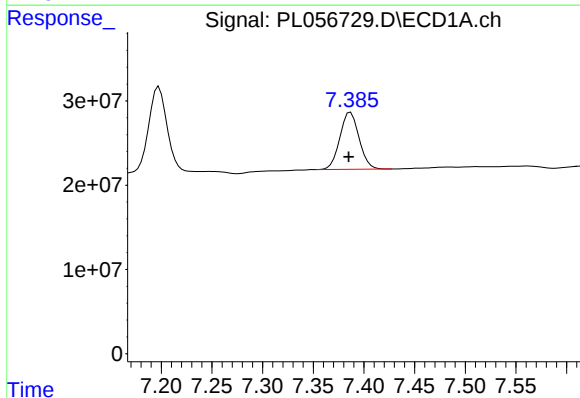
Manual Integrations  
APPROVED

mohammad  
2/25/2020 11:00:20 AM



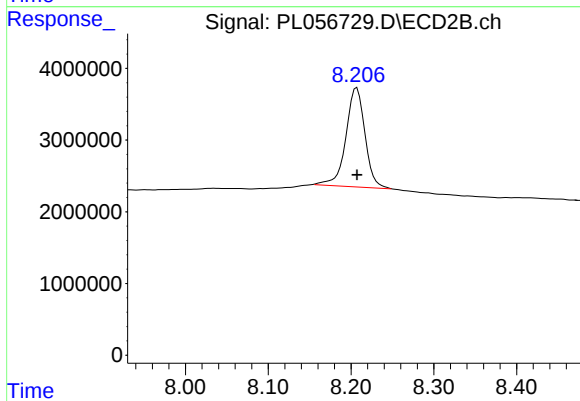
#21 Endrin ketone

R.T.: 7.753 min  
Delta R.T.: -0.001 min  
Response: 26653988  
Conc: 10.55 ng/ml



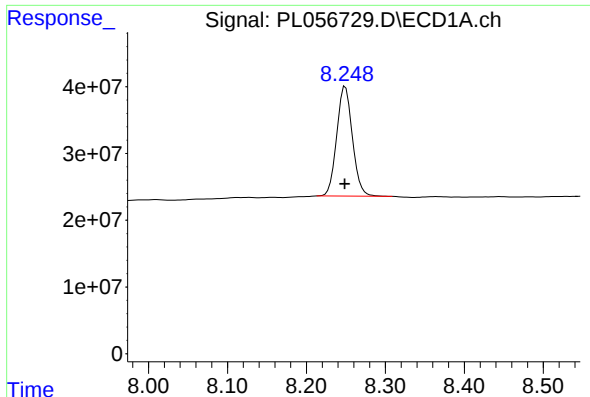
#22 Mirex

R.T.: 7.387 min  
Delta R.T.: 0.002 min  
Response: 89378020  
Conc: 10.65 ng/ml



#22 Mirex

R.T.: 8.206 min  
Delta R.T.: -0.002 min  
Response: 22129231  
Conc: 13.17 ng/ml m



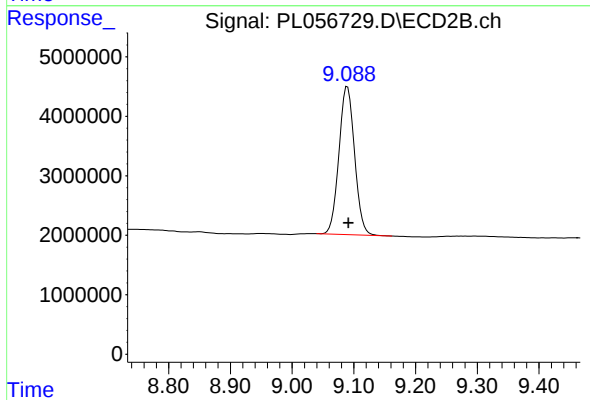
#28 Decachlorobiphenyl

R.T.: 8.249 min  
Delta R.T.: 0.000 min  
Response: 226851910  
Conc: 19.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB126976BSD

Manual Integrations  
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#28 Decachlorobiphenyl

R.T.: 9.090 min  
Delta R.T.: -0.001 min  
Response: 43825841  
Conc: 20.86 ng/ml