

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL061820\  
 Data File : PL059326.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Jun 2020 14:14  
 Operator : AJ\MA  
 Sample : L3034-05MSD  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 TP-2MSD

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 19 14:36:15 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL060320.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jun 04 08:16:22 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... | 3.518 | 4.070 | 21049388 | 30901619 | 12.190 | 11.877  |
| 28)                         | SA Decachlor... | 8.289 | 9.177 | 18874573 | 31257681 | 11.478 | 13.186m |
| Target Compounds            |                 |       |       |          |          |        |         |
| 2)                          | A alpha-BHC     | 3.959 | 4.463 | 115.7E6  | 174.3E6  | 46.201 | 45.346  |
| 3)                          | MA gamma-BHC... | 4.244 | 4.750 | 102.4E6  | 161.9E6  | 46.686 | 44.372  |
| 4)                          | MA Heptachlor   | 4.550 | 5.265 | 96372042 | 158.2E6  | 46.318 | 45.897  |
| 5)                          | MB Aldrin       | 4.799 | 5.572 | 85111508 | 146.3E6  | 47.787 | 46.485  |
| 6)                          | B beta-BHC      | 4.493 | 4.918 | 43192690 | 71722828 | 45.456 | 47.429  |
| 7)                          | B delta-BHC     | 4.700 | 5.138 | 96009510 | 156.7E6  | 48.243 | 55.848  |
| 8)                          | B Heptachlo...  | 5.243 | 5.959 | 82389523 | 143.9E6  | 48.233 | 51.962  |
| 9)                          | A Endosulfan I  | 5.584 | 6.318 | 74668697 | 134.2E6  | 47.735 | 47.947  |
| 10)                         | B gamma-Chl...  | 5.471 | 6.194 | 80393114 | 145.3E6  | 48.011 | 48.552  |
| 11)                         | B alpha-Chl...  | 5.530 | 6.267 | 79114145 | 146.3E6  | 47.424 | 48.138  |
| 12)                         | B 4,4'-DDE      | 5.693 | 6.422 | 73064665 | 135.7E6  | 48.047 | 48.744  |
| 13)                         | MA Dieldrin     | 5.827 | 6.576 | 78848109 | 142.6E6  | 48.379 | 48.832  |
| 14)                         | MA Endrin       | 6.085 | 6.795 | 72197277 | 129.7E6  | 47.650 | 52.084  |
| 15)                         | B Endosulfa...  | 6.357 | 7.003 | 77626323 | 128.7E6  | 50.224 | 49.412  |
| 16)                         | A 4,4'-DDD      | 6.209 | 6.913 | 68747474 | 118.6E6  | 52.004 | 51.096  |
| 17)                         | MA 4,4'-DDT     | 6.451 | 7.213 | 63870156 | 111.9E6  | 50.633 | 49.137  |
| 18)                         | B Endrin al...  | 6.525 | 7.127 | 64988378 | 110.7E6  | 49.357 | 48.412  |
| 19)                         | B Endosulfa...  | 6.738 | 7.350 | 75463330 | 125.6E6  | 50.655 | 50.141  |
| 20)                         | A Methoxychlor  | 6.996 | 7.670 | 38639191 | 63222247 | 50.303 | 47.945  |
| 21)                         | B Endrin ke...  | 7.230 | 7.822 | 89725110 | 144.2E6  | 51.674 | 54.967m |
| 22)                         | Mirex           | 7.424 | 8.281 | 68079722 | 100.7E6  | 49.328 | 51.046  |
| -----                       |                 |       |       |          |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL061820\  
Data File : PL059326.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 Jun 2020 14:14  
Operator : AJ\MA  
Sample : L3034-05MSD  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

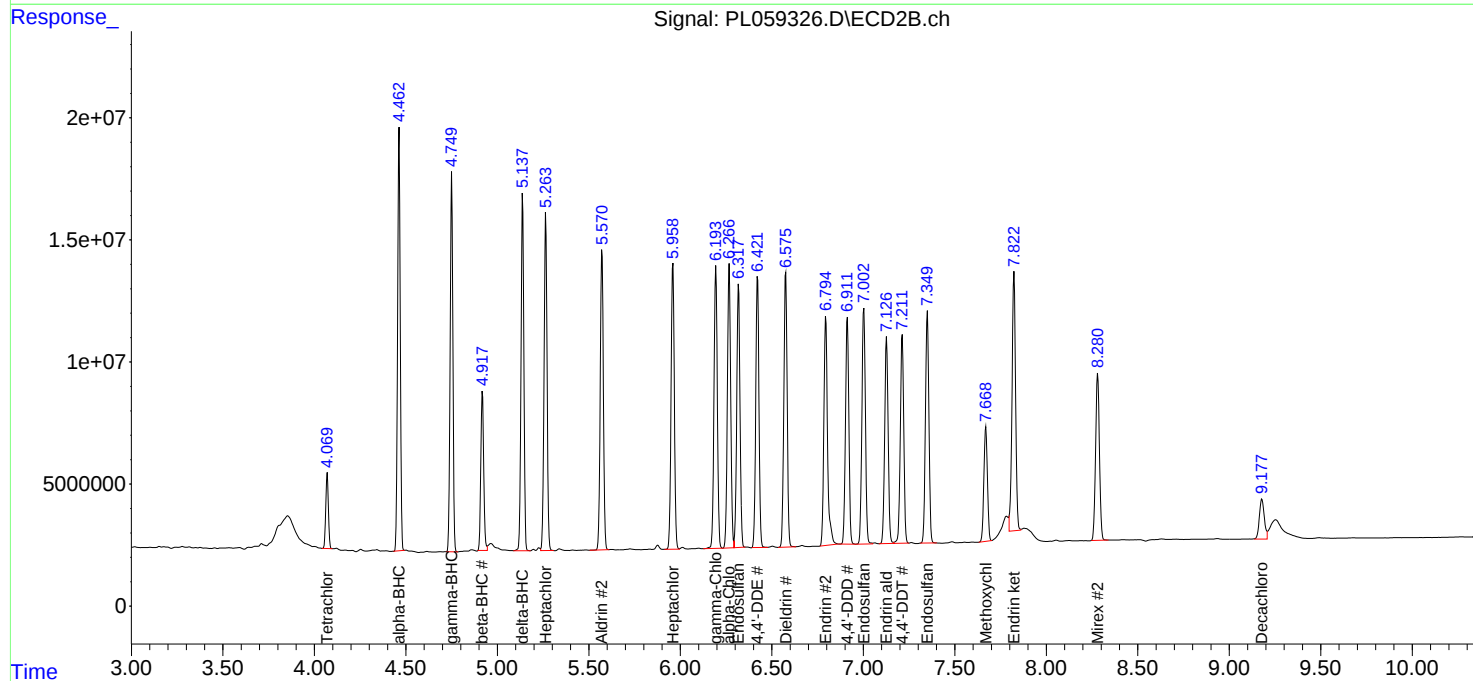
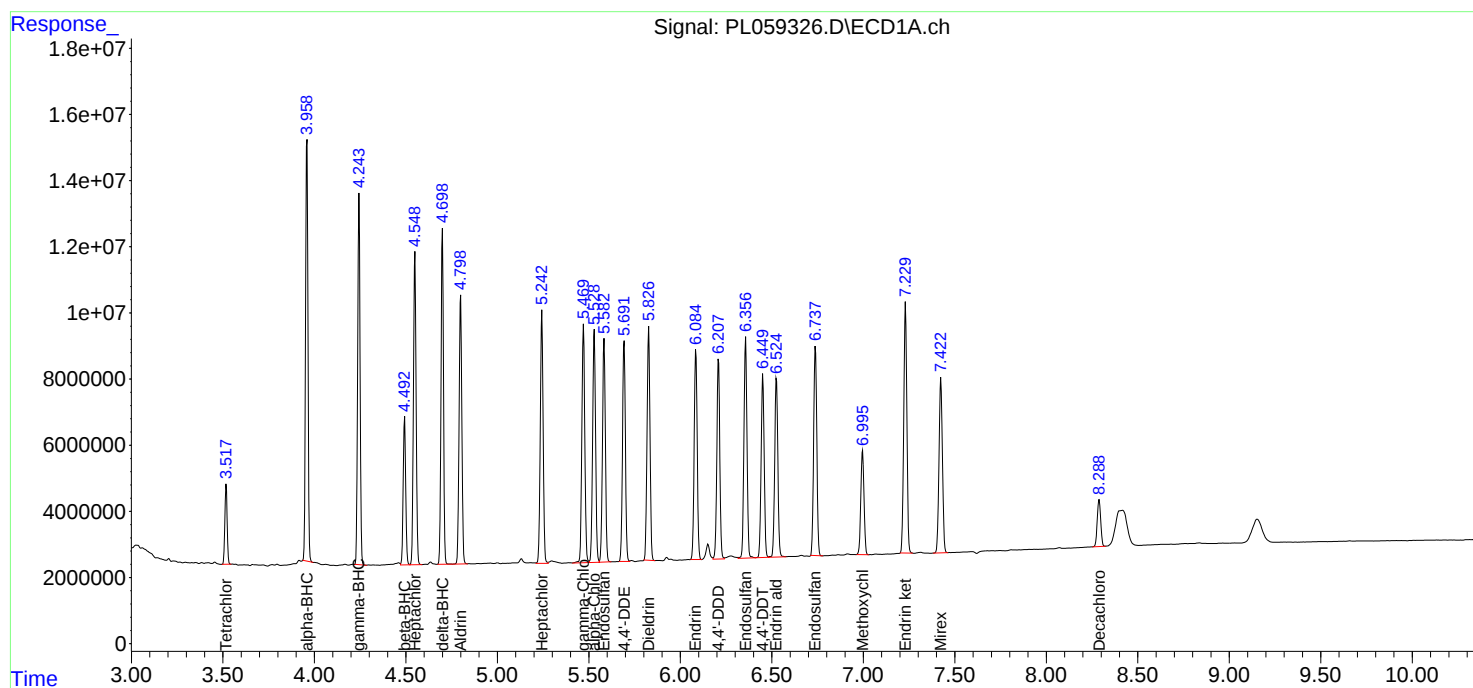
Instrument :  
ECD\_L  
ClientSampled :  
TP-2MSD

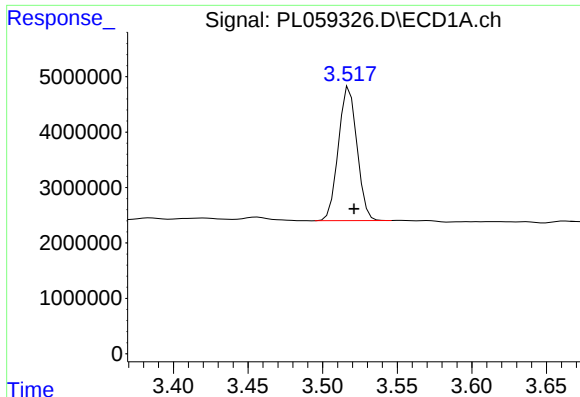
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 19 14:36:15 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL060320.M  
Quant Title : GC Extractables  
QLast Update : Thu Jun 04 08:16:22 2020  
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





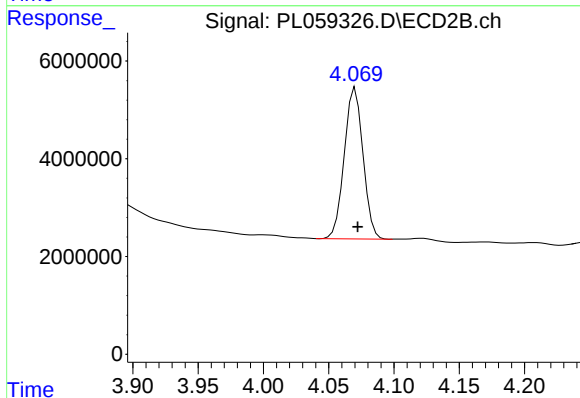
#1 Tetrachloro-m-xylene

R.T.: 3.518 min  
Delta R.T.: -0.003 min  
Response: 21049388  
Conc: 12.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-2MSD

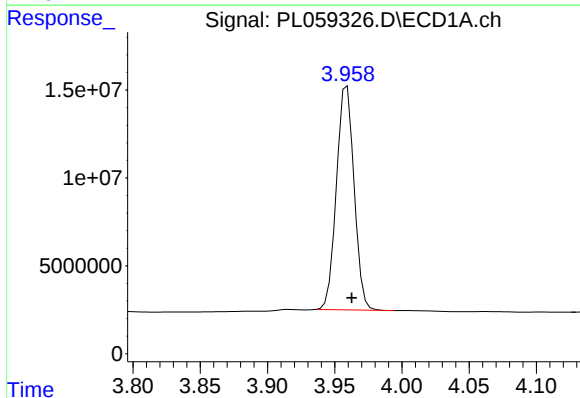
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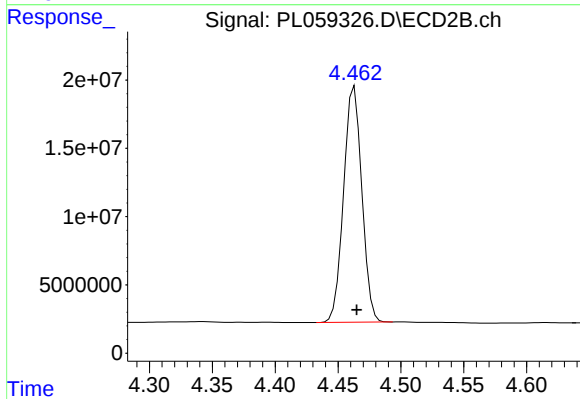
#1 Tetrachloro-m-xylene

R.T.: 4.070 min  
Delta R.T.: -0.002 min  
Response: 30901619  
Conc: 11.88 ng/ml



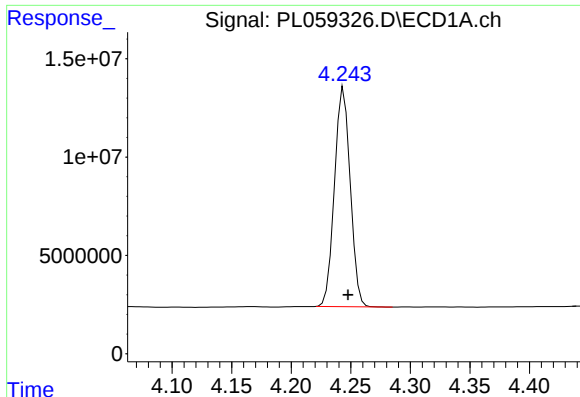
#2 alpha-BHC

R.T.: 3.959 min  
Delta R.T.: -0.003 min  
Response: 115656342  
Conc: 46.20 ng/ml



#2 alpha-BHC

R.T.: 4.463 min  
Delta R.T.: -0.002 min  
Response: 174292888  
Conc: 45.35 ng/ml



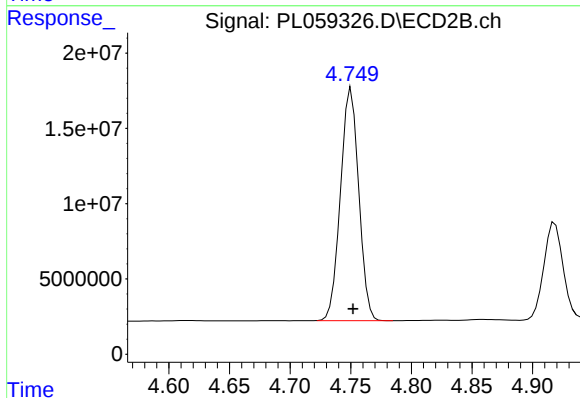
#3 gamma-BHC (Lindane)

R.T.: 4.244 min  
Delta R.T.: -0.004 min  
Response: 102385285  
Conc: 46.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-2MSD

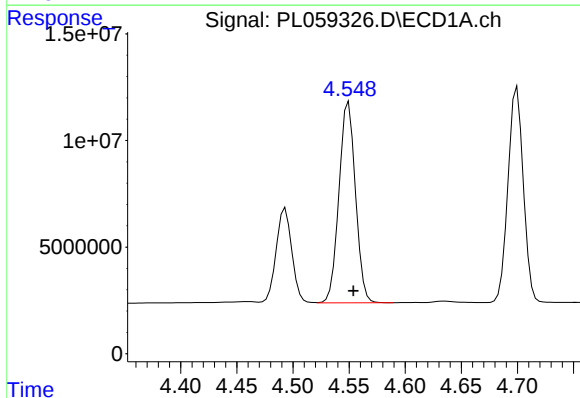
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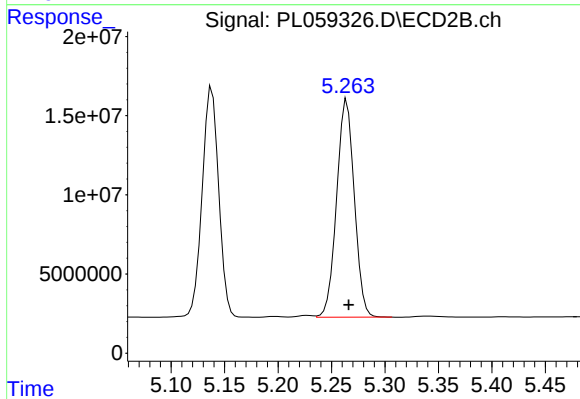
#3 gamma-BHC (Lindane)

R.T.: 4.750 min  
Delta R.T.: -0.002 min  
Response: 161924484  
Conc: 44.37 ng/ml



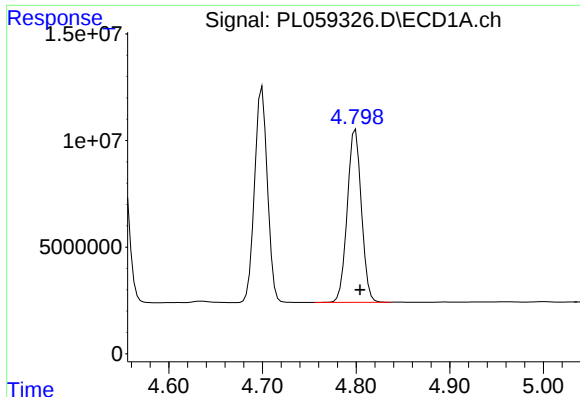
#4 Heptachlor

R.T.: 4.550 min  
Delta R.T.: -0.004 min  
Response: 96372042  
Conc: 46.32 ng/ml



#4 Heptachlor

R.T.: 5.265 min  
Delta R.T.: -0.002 min  
Response: 158238731  
Conc: 45.90 ng/ml



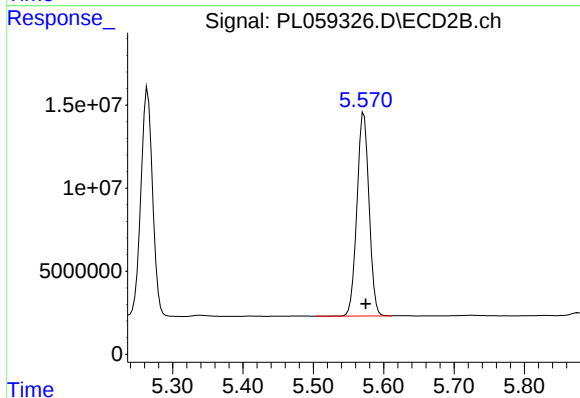
#5 Aldrin

R.T.: 4.799 min  
Delta R.T.: -0.005 min  
Response: 85111508  
Conc: 47.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-2MSD

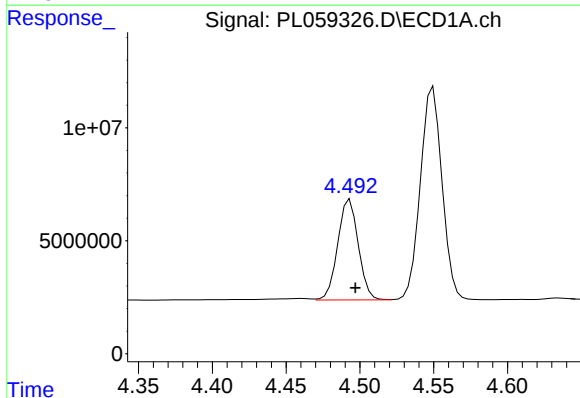
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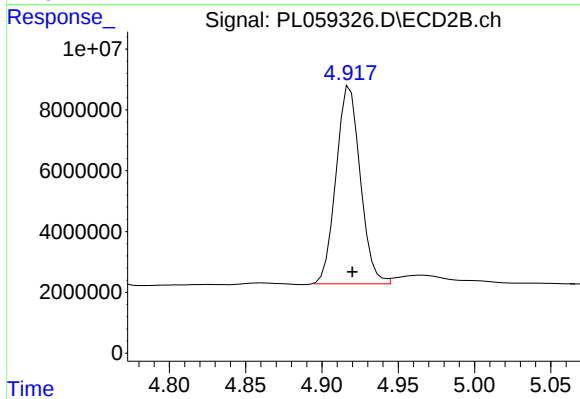
#5 Aldrin

R.T.: 5.572 min  
Delta R.T.: -0.003 min  
Response: 146296487  
Conc: 46.49 ng/ml



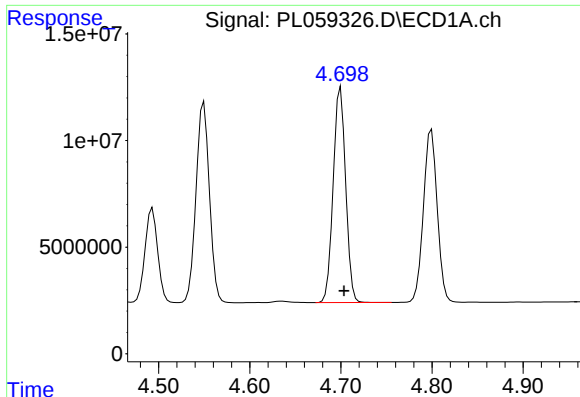
#6 beta-BHC

R.T.: 4.493 min  
Delta R.T.: -0.004 min  
Response: 43192690  
Conc: 45.46 ng/ml



#6 beta-BHC

R.T.: 4.918 min  
Delta R.T.: -0.002 min  
Response: 71722828  
Conc: 47.43 ng/ml



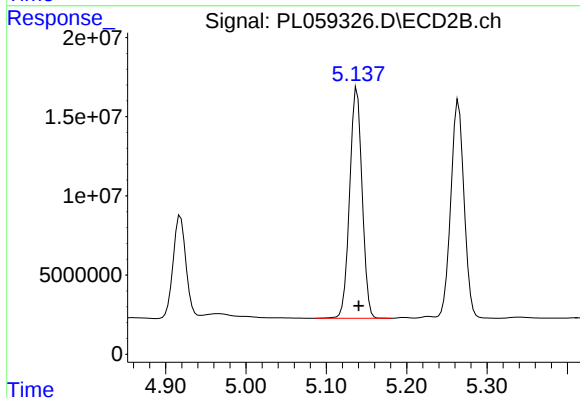
#7 delta-BHC

R.T.: 4.700 min  
Delta R.T.: -0.004 min  
Response: 96009510  
Conc: 48.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-2MSD

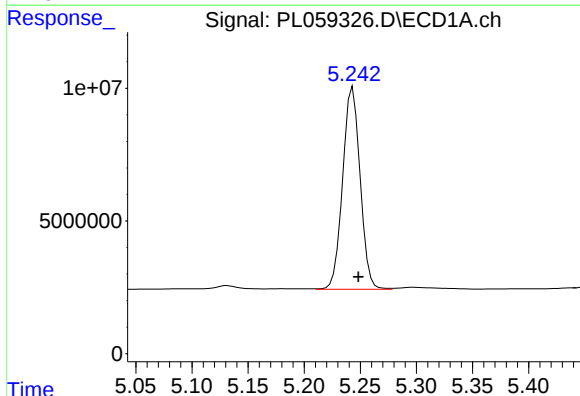
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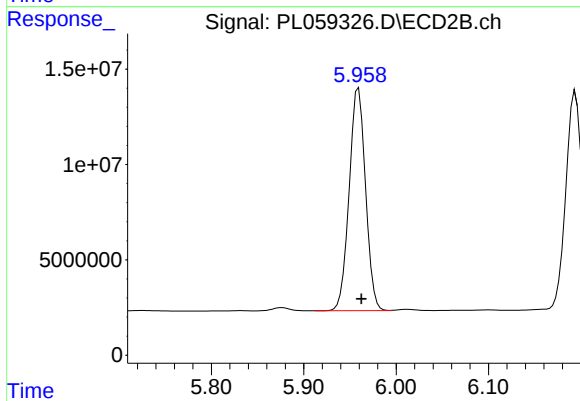
#7 delta-BHC

R.T.: 5.138 min  
Delta R.T.: -0.002 min  
Response: 156662437  
Conc: 55.85 ng/ml



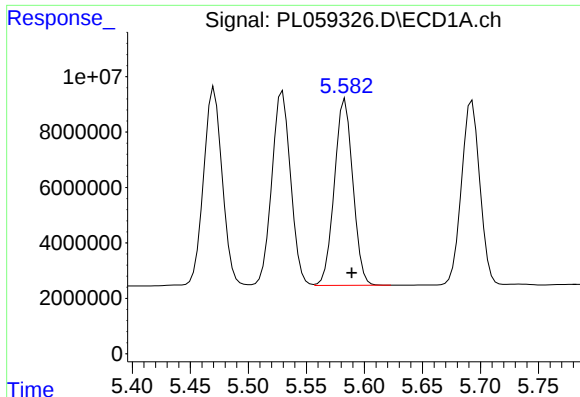
#8 Heptachlor epoxide

R.T.: 5.243 min  
Delta R.T.: -0.005 min  
Response: 82389523  
Conc: 48.23 ng/ml



#8 Heptachlor epoxide

R.T.: 5.959 min  
Delta R.T.: -0.003 min  
Response: 143934262  
Conc: 51.96 ng/ml



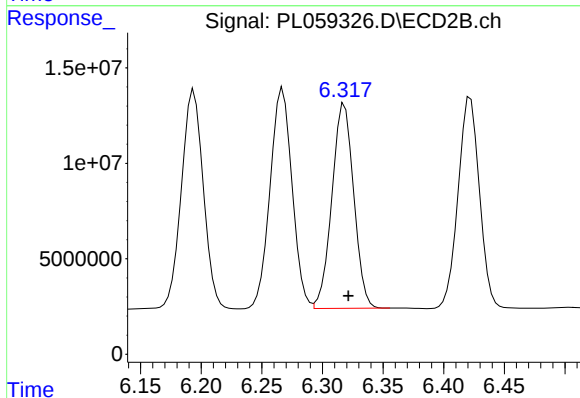
#9 Endosulfan I

R.T.: 5.584 min  
Delta R.T.: -0.006 min  
Response: 74668697  
Conc: 47.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-2MSD

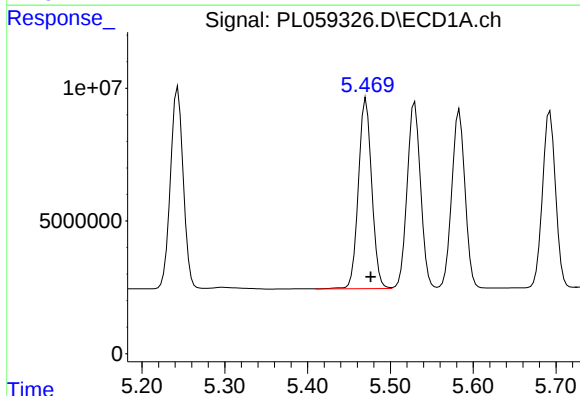
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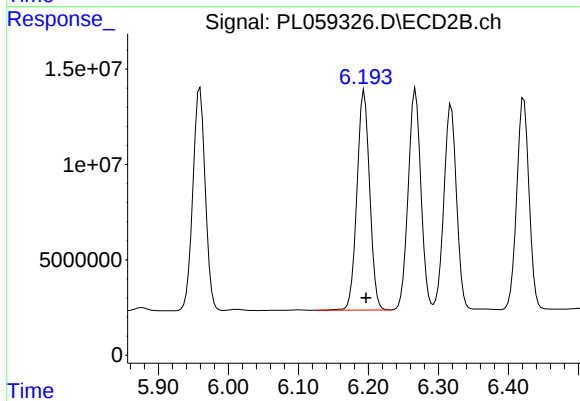
#9 Endosulfan I

R.T.: 6.318 min  
Delta R.T.: -0.003 min  
Response: 134169927  
Conc: 47.95 ng/ml



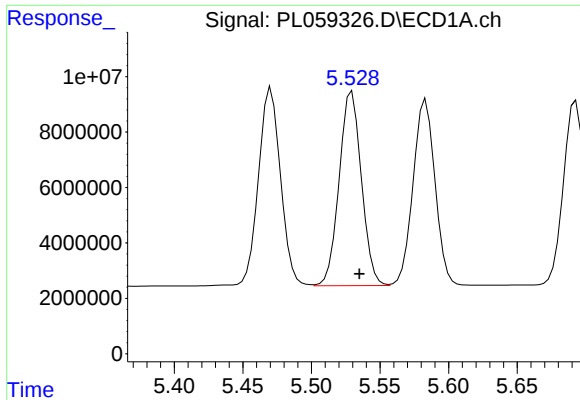
#10 gamma-Chlordane

R.T.: 5.471 min  
Delta R.T.: -0.006 min  
Response: 80393114  
Conc: 48.01 ng/ml



#10 gamma-Chlordane

R.T.: 6.194 min  
Delta R.T.: -0.002 min  
Response: 145272969  
Conc: 48.55 ng/ml



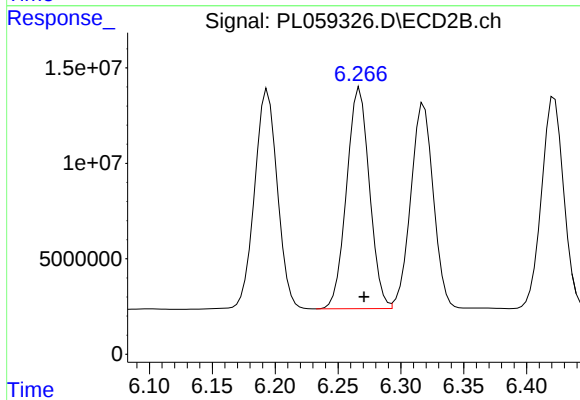
#11 alpha-Chlordane

R.T.: 5.530 min  
Delta R.T.: -0.006 min  
Response: 79114145  
Conc: 47.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-2MSD

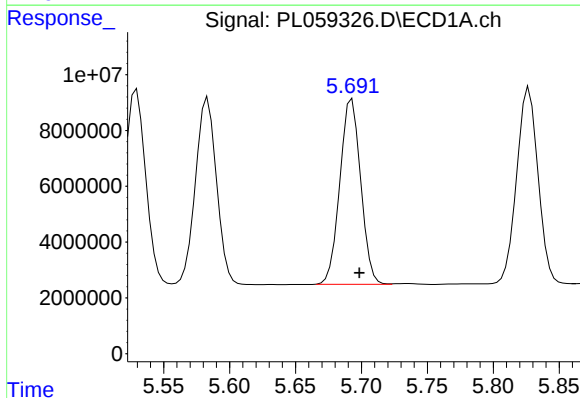
Manual Integrations  
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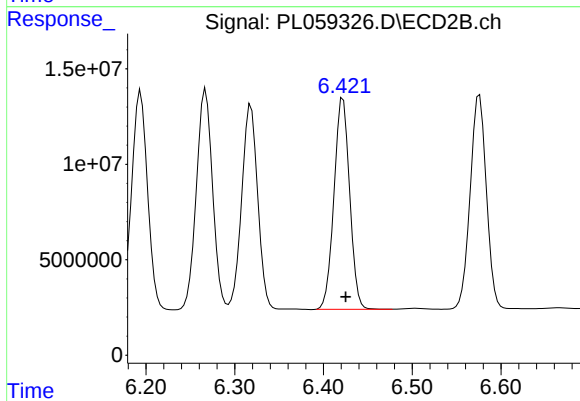
#11 alpha-Chlordane

R.T.: 6.267 min  
Delta R.T.: -0.003 min  
Response: 146304276  
Conc: 48.14 ng/ml



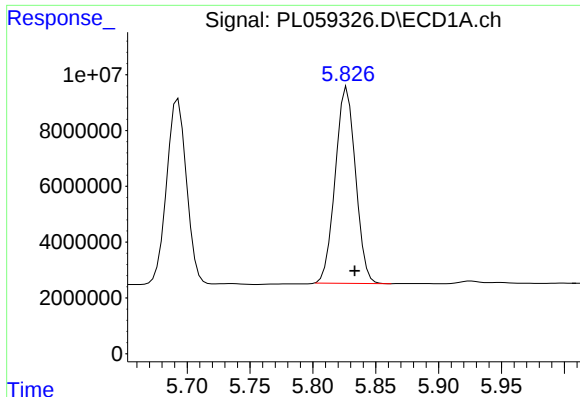
#12 4,4'-DDE

R.T.: 5.693 min  
Delta R.T.: -0.006 min  
Response: 73064665  
Conc: 48.05 ng/ml



#12 4,4'-DDE

R.T.: 6.422 min  
Delta R.T.: -0.003 min  
Response: 135683345  
Conc: 48.74 ng/ml



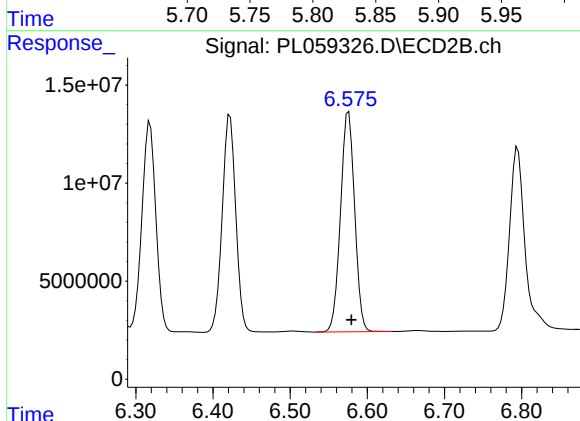
#13 Dieldrin

R.T.: 5.827 min  
Delta R.T.: -0.006 min  
Response: 78848109  
Conc: 48.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-2MSD

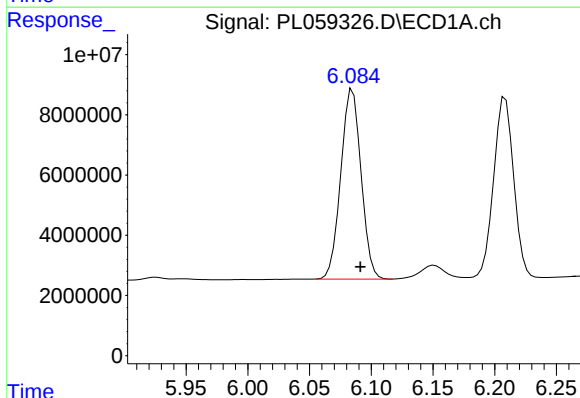
Manual Integrations  
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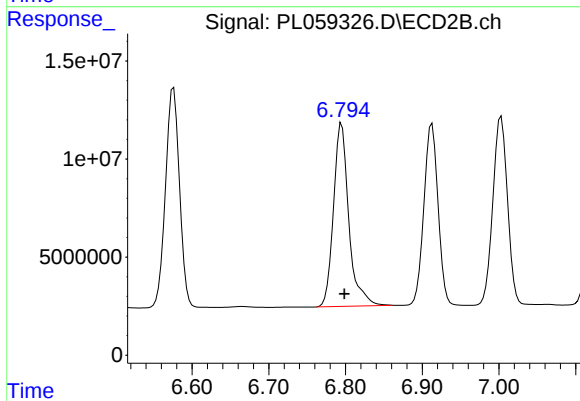
#13 Dieldrin

R.T.: 6.576 min  
Delta R.T.: -0.003 min  
Response: 142565387  
Conc: 48.83 ng/ml



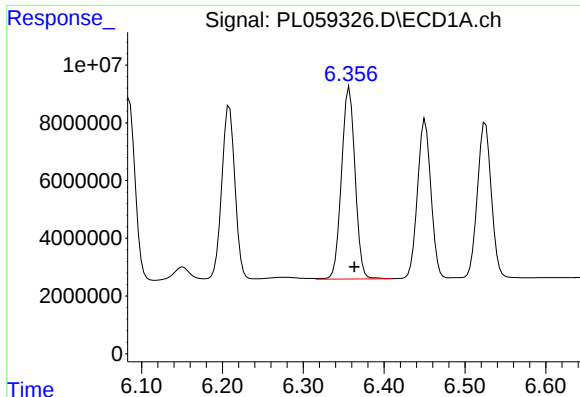
#14 Endrin

R.T.: 6.085 min  
Delta R.T.: -0.006 min  
Response: 72197277  
Conc: 47.65 ng/ml



#14 Endrin

R.T.: 6.795 min  
Delta R.T.: -0.004 min  
Response: 129708531  
Conc: 52.08 ng/ml



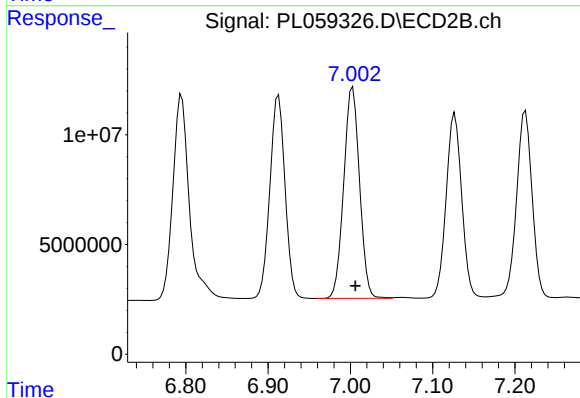
#15 Endosulfan II

R.T.: 6.357 min  
Delta R.T.: -0.006 min  
Response: 77626323  
Conc: 50.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-2MSD

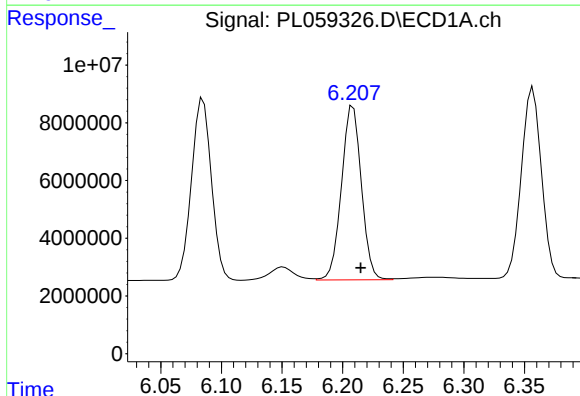
Manual Integrations  
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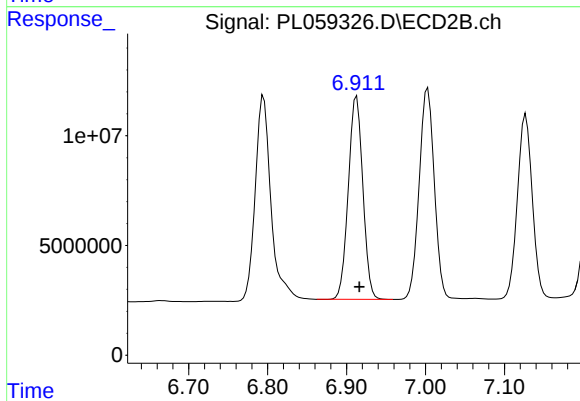
#15 Endosulfan II

R.T.: 7.003 min  
Delta R.T.: -0.003 min  
Response: 128716970  
Conc: 49.41 ng/ml



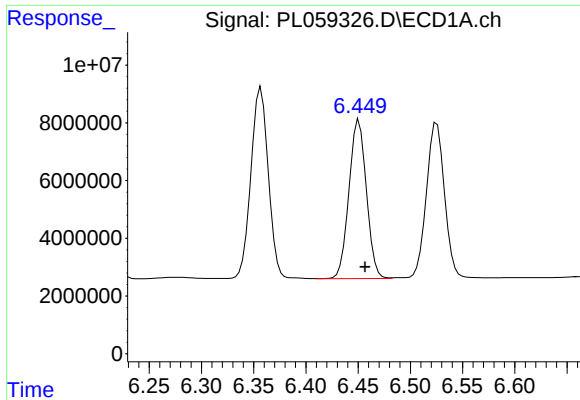
#16 4,4'-DDD

R.T.: 6.209 min  
Delta R.T.: -0.006 min  
Response: 68747474  
Conc: 52.00 ng/ml



#16 4,4'-DDD

R.T.: 6.913 min  
Delta R.T.: -0.003 min  
Response: 118593231  
Conc: 51.10 ng/ml



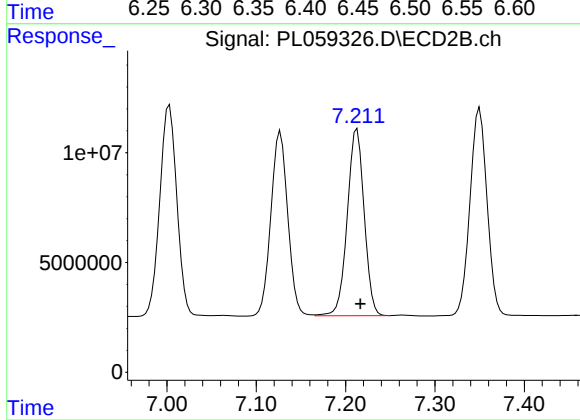
#17 4,4'-DDT

R.T.: 6.451 min  
Delta R.T.: -0.006 min  
Response: 63870156  
Conc: 50.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-2MSD

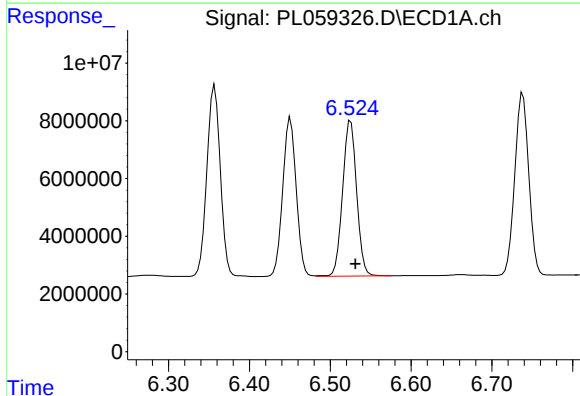
Manual Integrations  
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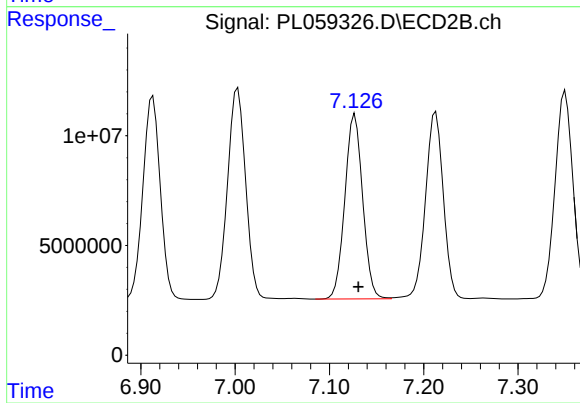
#17 4,4'-DDT

R.T.: 7.213 min  
Delta R.T.: -0.004 min  
Response: 111894951  
Conc: 49.14 ng/ml



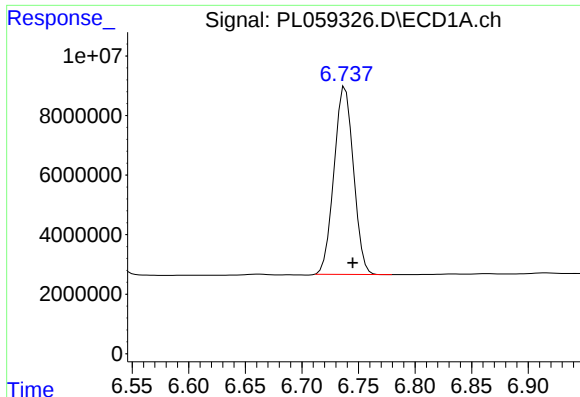
#18 Endrin aldehyde

R.T.: 6.525 min  
Delta R.T.: -0.006 min  
Response: 64988378  
Conc: 49.36 ng/ml



#18 Endrin aldehyde

R.T.: 7.127 min  
Delta R.T.: -0.004 min  
Response: 110672551  
Conc: 48.41 ng/ml



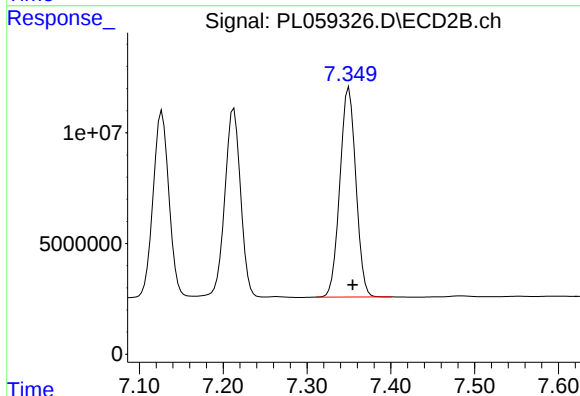
#19 Endosulfan Sulfate

R.T.: 6.738 min  
Delta R.T.: -0.007 min  
Response: 75463330  
Conc: 50.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-2MSD

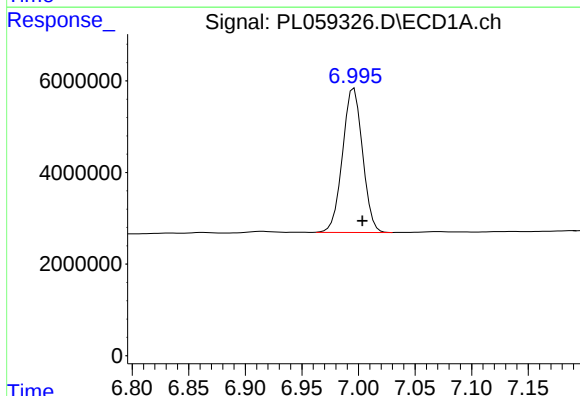
Manual Integrations  
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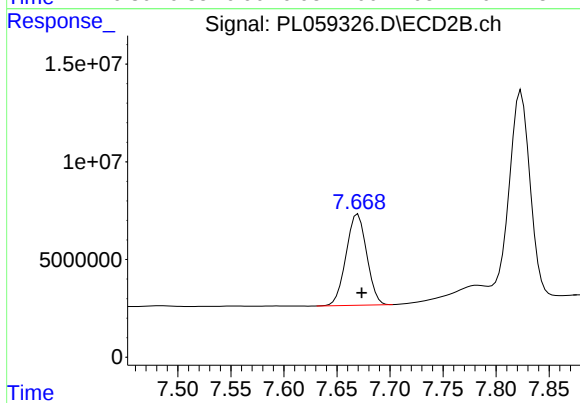
#19 Endosulfan Sulfate

R.T.: 7.350 min  
Delta R.T.: -0.004 min  
Response: 125634655  
Conc: 50.14 ng/ml



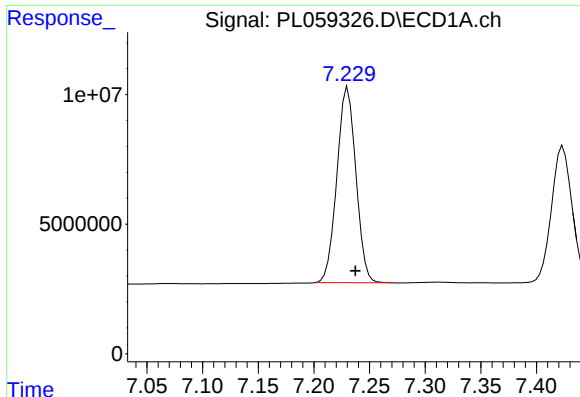
#20 Methoxychlor

R.T.: 6.996 min  
Delta R.T.: -0.007 min  
Response: 38639191  
Conc: 50.30 ng/ml



#20 Methoxychlor

R.T.: 7.670 min  
Delta R.T.: -0.004 min  
Response: 63222247  
Conc: 47.94 ng/ml



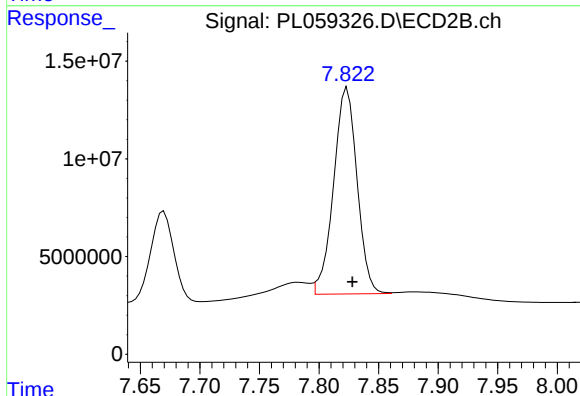
#21 Endrin ketone

R.T.: 7.230 min  
Delta R.T.: -0.007 min  
Response: 89725110  
Conc: 51.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-2MSD

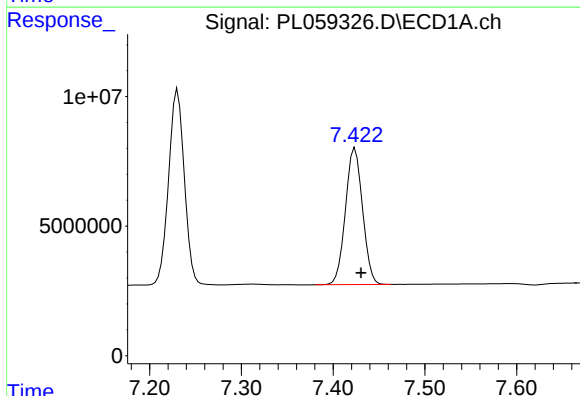
Manual Integrations  
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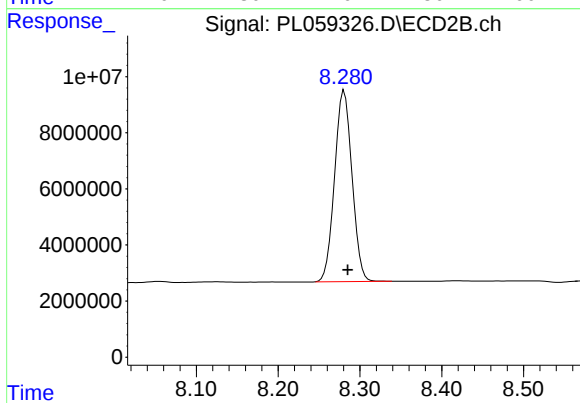
#21 Endrin ketone

R.T.: 7.822 min  
Delta R.T.: -0.006 min  
Response: 144216551  
Conc: 54.97 ng/ml m



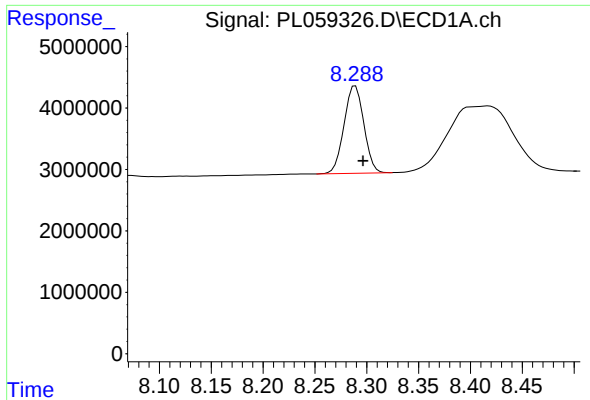
#22 Mirex

R.T.: 7.424 min  
Delta R.T.: -0.006 min  
Response: 68079722  
Conc: 49.33 ng/ml



#22 Mirex

R.T.: 8.281 min  
Delta R.T.: -0.004 min  
Response: 100699840  
Conc: 51.05 ng/ml



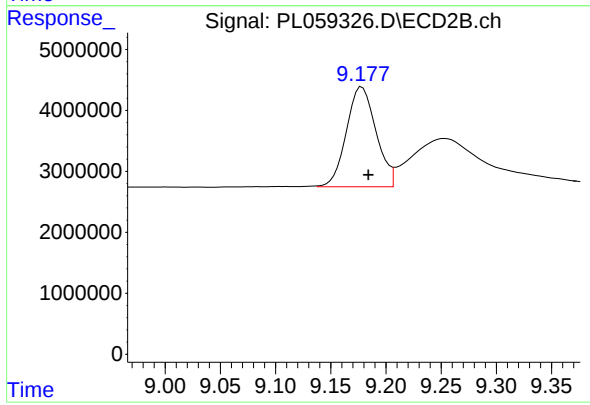
#28 Decachlorobiphenyl

R.T.: 8.289 min  
Delta R.T.: -0.007 min  
Response: 18874573  
Conc: 11.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-2MSD

Manual Integrations  
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#28 Decachlorobiphenyl

R.T.: 9.177 min  
Delta R.T.: -0.007 min  
Response: 31257681  
Conc: 13.19 ng/ml m