

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071119\  
 Data File : PL050291.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Jul 2019 13:43  
 Operator : SM\AJ  
 Sample : PB121292BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB121292BS

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 12 04:21:54 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL062019.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jun 21 02:23:20 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... | 3.323 | 3.933 | 188.4E6 | 54765350 | 16.703  | 17.887 |
| 28)                         | SA Decachlor... | 7.985 | 8.966 | 192.5E6 | 52545153 | 15.149  | 15.652 |
| Target Compounds            |                 |       |       |         |          |         |        |
| 2)                          | A alpha-BHC     | 3.750 | 4.321 | 915.6E6 | 225.0E6  | 48.733  | 50.252 |
| 3)                          | MA gamma-BHC... | 4.026 | 4.604 | 861.7E6 | 212.6E6  | 48.598  | 51.262 |
| 4)                          | MA Heptachlor   | 4.309 | 5.106 | 918.3E6 | 228.9E6  | 50.522  | 52.894 |
| 5)                          | MB Aldrin       | 4.547 | 5.409 | 862.7E6 | 211.1E6  | 49.957  | 53.895 |
| 6)                          | B beta-BHC      | 4.280 | 4.781 | 358.9E6 | 103.1E6  | 49.071  | 53.208 |
| 7)                          | B delta-BHC     | 4.473 | 4.994 | 825.6E6 | 191.3E6  | 46.163  | 48.575 |
| 8)                          | B Heptachlor... | 4.985 | 5.795 | 803.3E6 | 197.7E6  | 49.905  | 54.386 |
| 9)                          | A Endosulfan I  | 5.315 | 6.150 | 776.3E6 | 183.7E6  | 50.171  | 54.069 |
| 10)                         | B gamma-Chl...  | 5.206 | 6.029 | 845.4E6 | 201.5E6  | 49.469  | 54.067 |
| 11)                         | B alpha-Chl...  | 5.262 | 6.101 | 816.5E6 | 198.0E6  | 49.193  | 53.525 |
| 12)                         | B 4,4'-DDE      | 5.429 | 6.262 | 806.3E6 | 192.8E6  | 48.398  | 55.565 |
| 13)                         | MA Dieldrin     | 5.554 | 6.408 | 827.5E6 | 189.2E6  | 49.678  | 53.325 |
| 14)                         | MA Endrin       | 5.806 | 6.624 | 764.3E6 | 162.1E6  | 47.724  | 51.357 |
| 15)                         | B Endosulfa...  | 6.081 | 6.836 | 720.4E6 | 164.5E6  | 49.443  | 51.075 |
| 16)                         | A 4,4'-DDD      | 5.939 | 6.752 | 638.8E6 | 144.9E6  | 50.600m | 55.416 |
| 17)                         | MA 4,4'-DDT     | 6.175 | 7.049 | 605.9E6 | 134.7E6  | 45.637  | 46.008 |
| 18)                         | B Endrin al...  | 6.248 | 6.960 | 572.3E6 | 137.8E6  | 48.454  | 50.175 |
| 19)                         | B Endosulfa...  | 6.459 | 7.183 | 593.5E6 | 145.0E6  | 45.775  | 48.171 |
| 20)                         | A Methoxychlor  | 6.720 | 7.510 | 286.2E6 | 74468070 | 43.914  | 44.678 |
| 21)                         | B Endrin ke...  | 6.940 | 7.651 | 659.3E6 | 154.6E6  | 46.911  | 49.609 |
| 22)                         | Mirex           | 7.114 | 8.101 | 455.8E6 | 117.3E6  | 44.097  | 46.402 |
| -----                       |                 |       |       |         |          |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071119\  
 Data File : PL050291.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Jul 2019 13:43  
 Operator : SM\AJ  
 Sample : PB121292BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

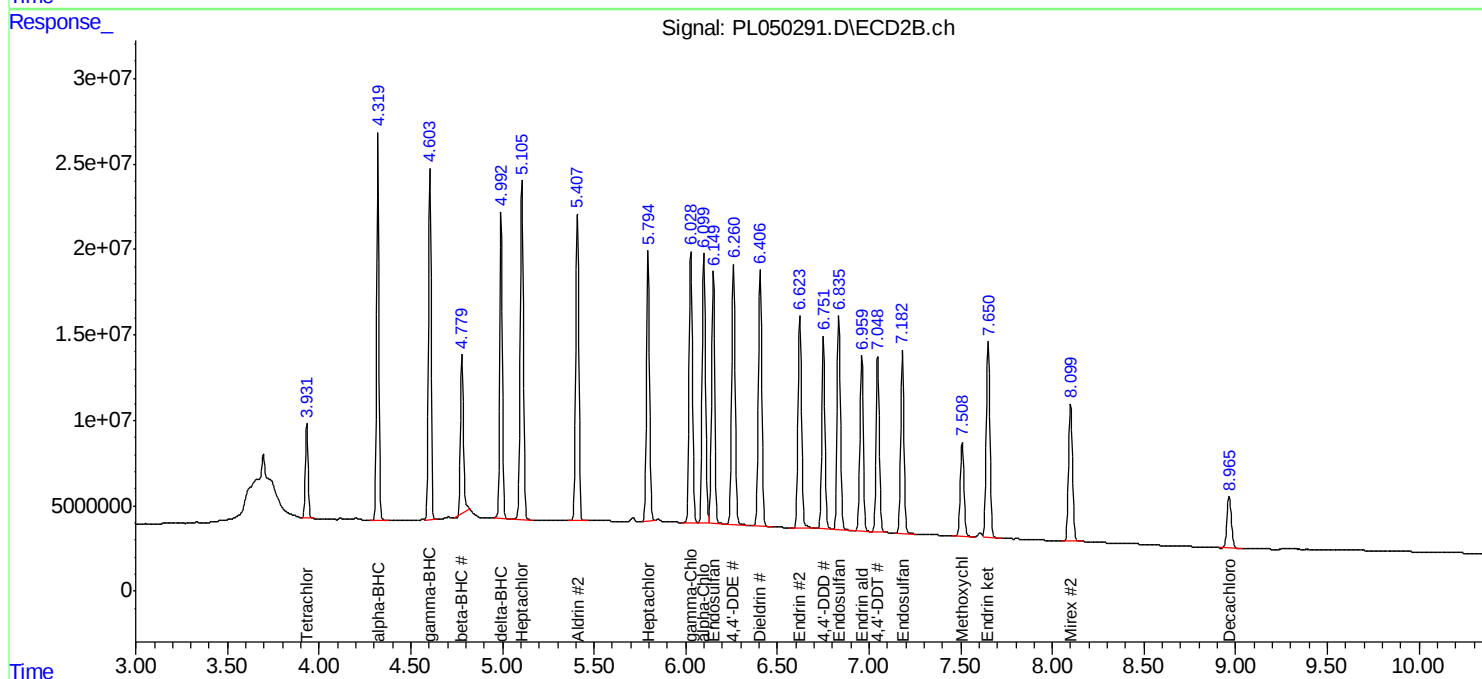
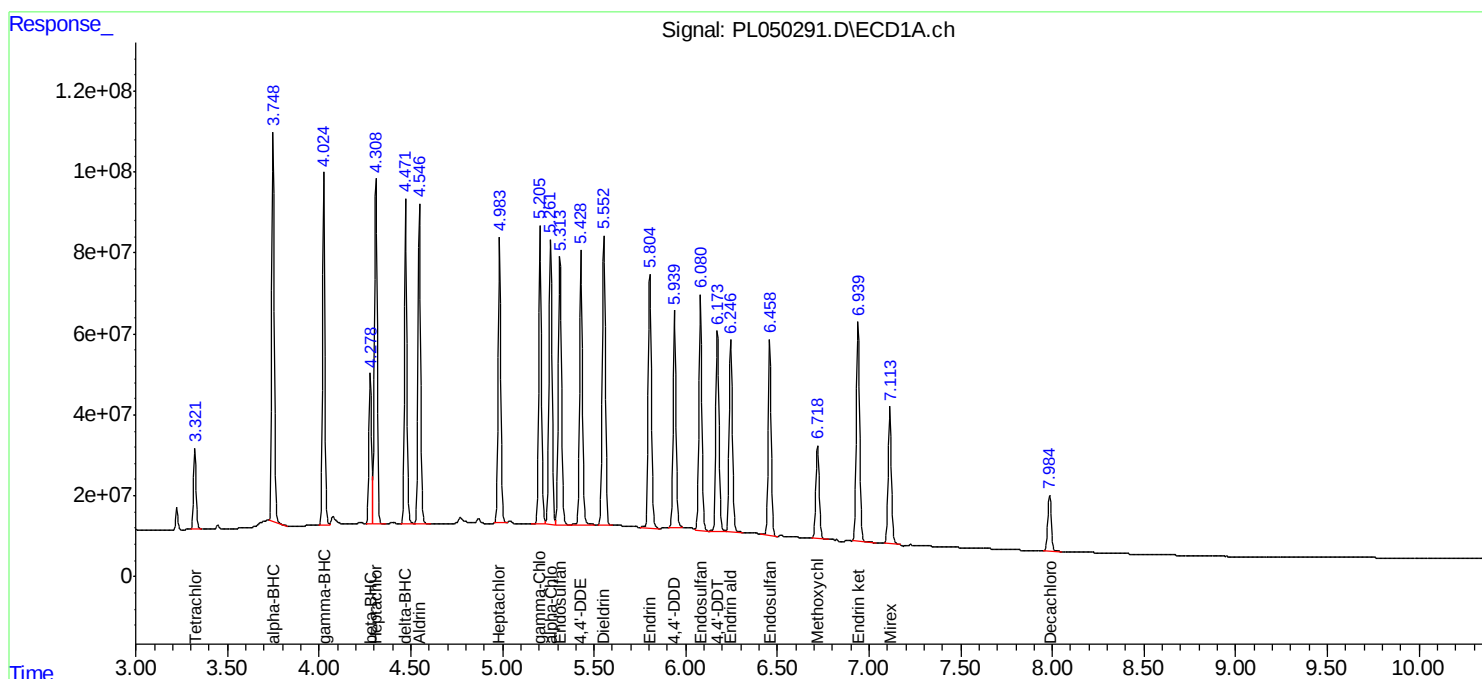
Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB121292BS

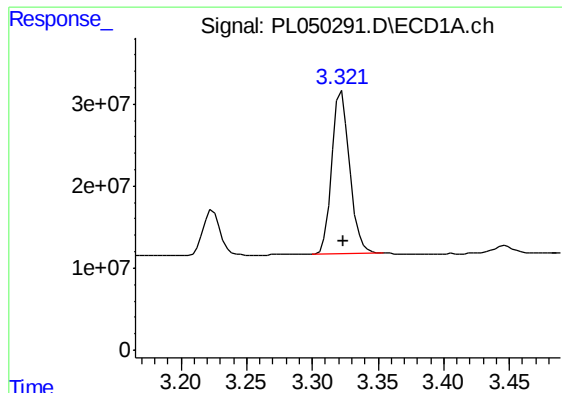
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 12 04:21:54 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL062019.M  
 Quant Title : GC Extractables  
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Volume 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





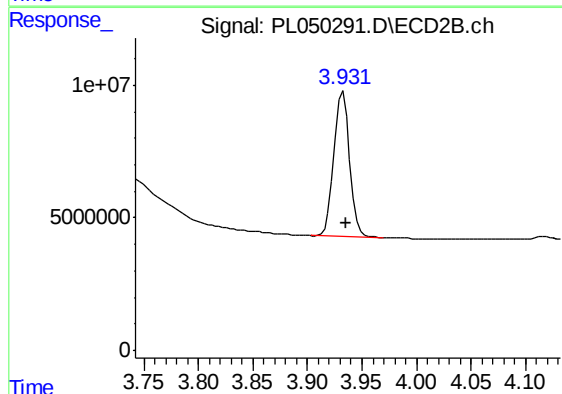
#1 Tetrachloro-m-xylene

R.T.: 3.323 min  
Delta R.T.: -0.001 min  
Response: 188369603  
Conc: 16.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB121292BS

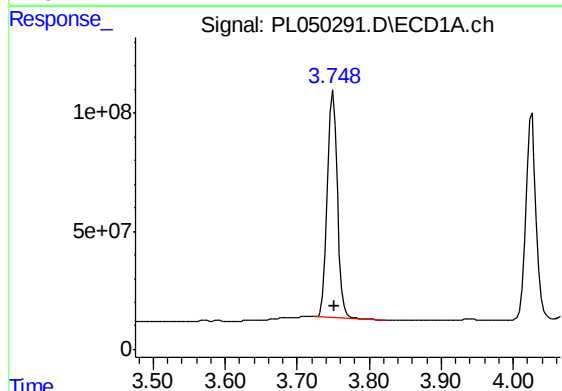
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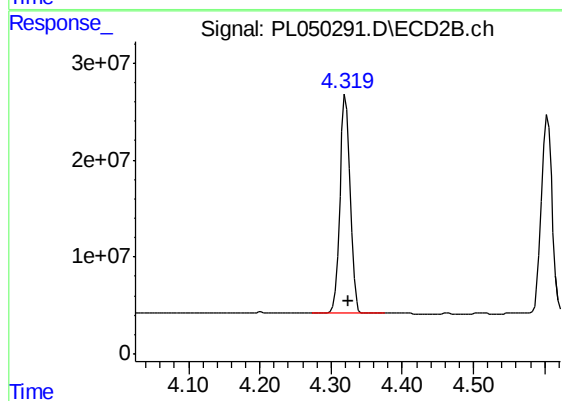
#1 Tetrachloro-m-xylene

R.T.: 3.933 min  
Delta R.T.: -0.003 min  
Response: 54765350  
Conc: 17.89 ng/ml



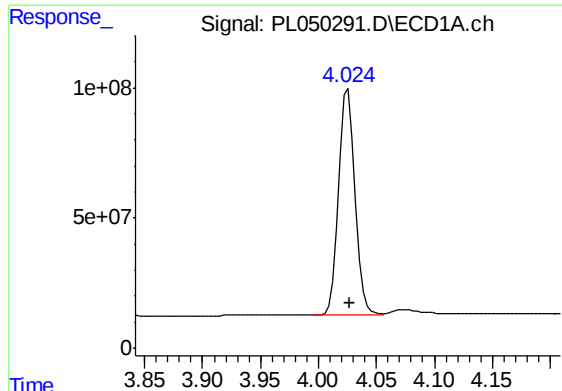
#2 alpha-BHC

R.T.: 3.750 min  
Delta R.T.: -0.002 min  
Response: 915565209  
Conc: 48.73 ng/ml



#2 alpha-BHC

R.T.: 4.321 min  
Delta R.T.: -0.003 min  
Response: 224955451  
Conc: 50.25 ng/ml



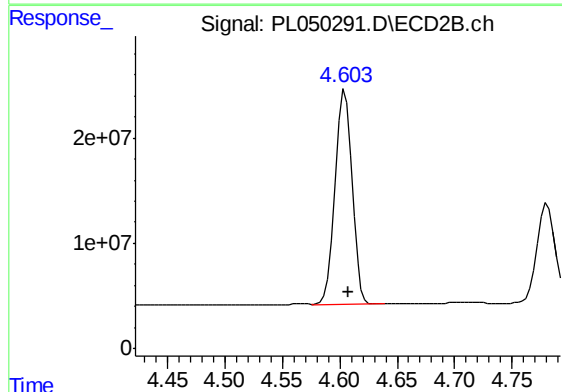
#3 gamma-BHC (Lindane)

R.T.: 4.026 min  
Delta R.T.: -0.002 min  
Response: 861673593  
Conc: 48.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB121292BS

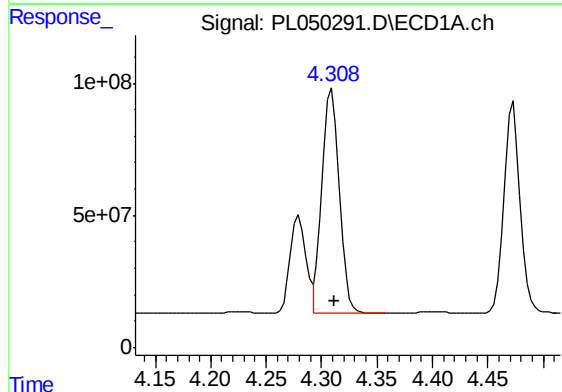
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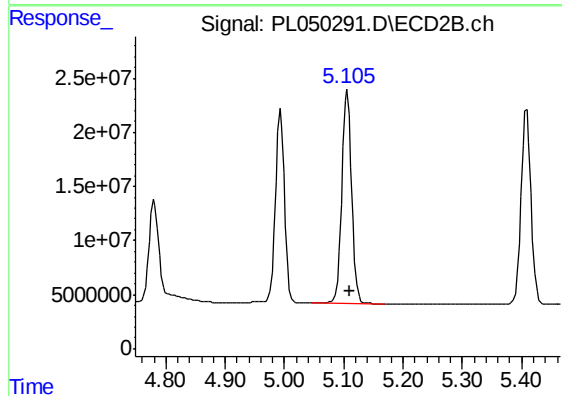
#3 gamma-BHC (Lindane)

R.T.: 4.604 min  
Delta R.T.: -0.003 min  
Response: 212626857  
Conc: 51.26 ng/ml



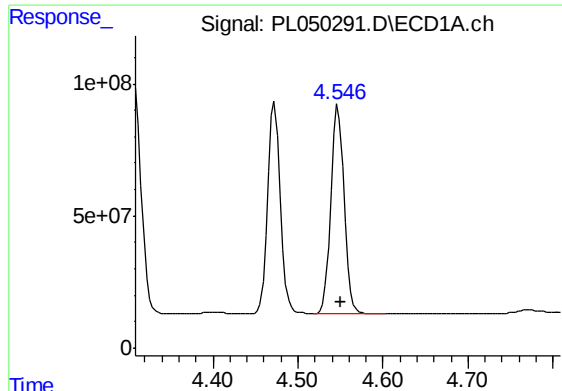
#4 Heptachlor

R.T.: 4.309 min  
Delta R.T.: -0.003 min  
Response: 918349524  
Conc: 50.52 ng/ml



#4 Heptachlor

R.T.: 5.106 min  
Delta R.T.: -0.004 min  
Response: 228948888  
Conc: 52.89 ng/ml



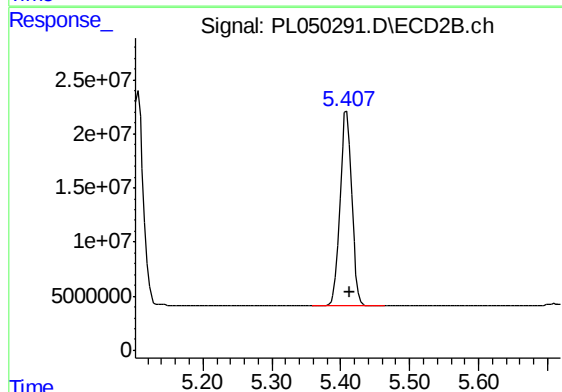
#5 Aldrin

R.T.: 4.547 min  
Delta R.T.: -0.003 min  
Response: 862660307  
Conc: 49.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB121292BS

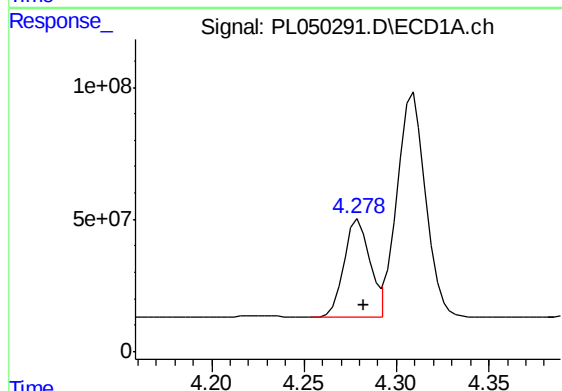
Manual Integrations  
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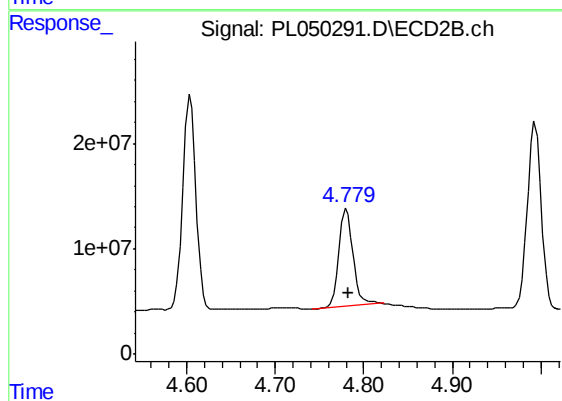
#5 Aldrin

R.T.: 5.409 min  
Delta R.T.: -0.004 min  
Response: 211111260  
Conc: 53.90 ng/ml



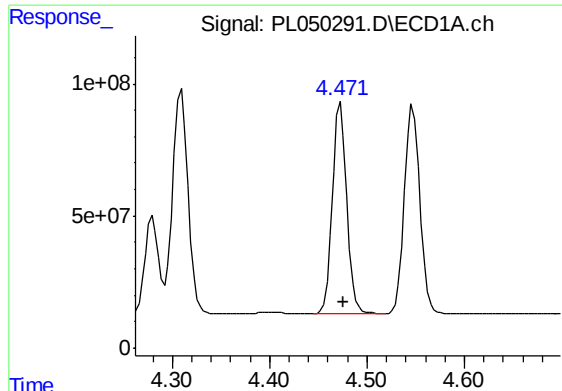
#6 beta-BHC

R.T.: 4.280 min  
Delta R.T.: -0.003 min  
Response: 358942564  
Conc: 49.07 ng/ml



#6 beta-BHC

R.T.: 4.781 min  
Delta R.T.: -0.002 min  
Response: 103066804  
Conc: 53.21 ng/ml



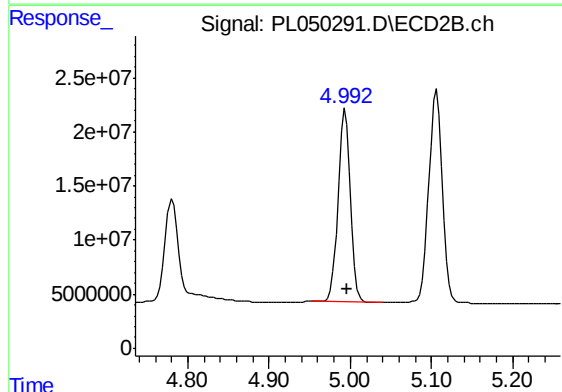
#7 delta-BHC

R.T.: 4.473 min  
Delta R.T.: -0.003 min  
Response: 825576343  
Conc: 46.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB121292BS

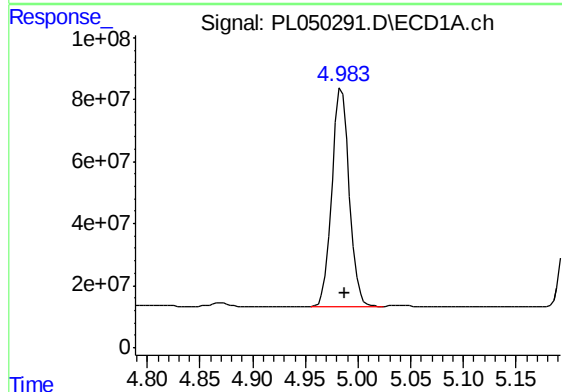
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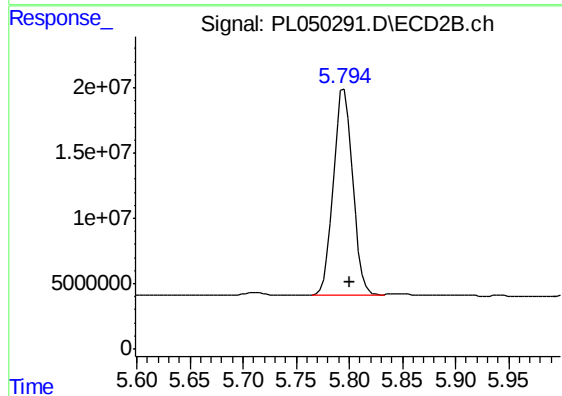
#7 delta-BHC

R.T.: 4.994 min  
Delta R.T.: -0.003 min  
Response: 191330716  
Conc: 48.57 ng/ml



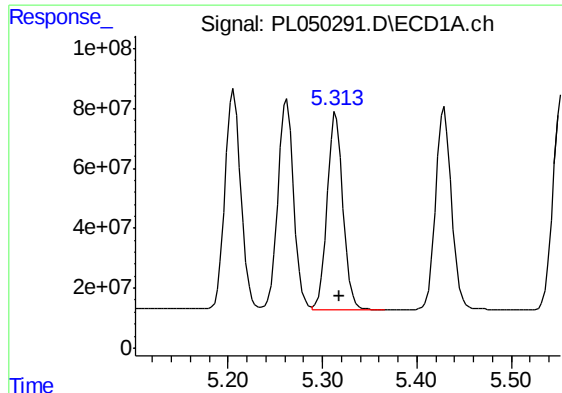
#8 Heptachlor epoxide

R.T.: 4.985 min  
Delta R.T.: -0.003 min  
Response: 803334497  
Conc: 49.91 ng/ml



#8 Heptachlor epoxide

R.T.: 5.795 min  
Delta R.T.: -0.005 min  
Response: 197734636  
Conc: 54.39 ng/ml



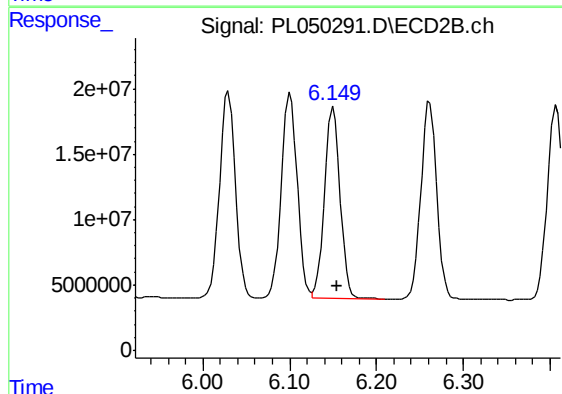
#9 Endosulfan I

R.T.: 5.315 min  
Delta R.T.: -0.004 min  
Response: 776272551  
Conc: 50.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB121292BS

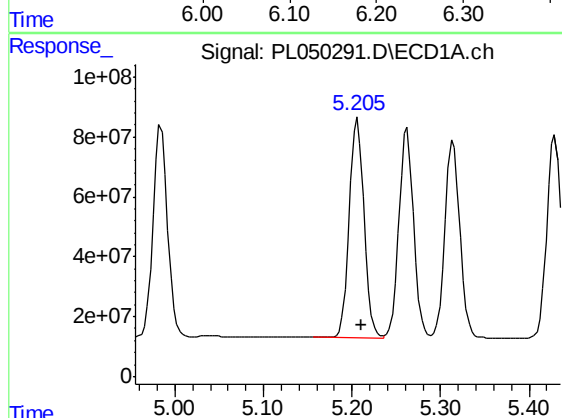
Manual Integrations  
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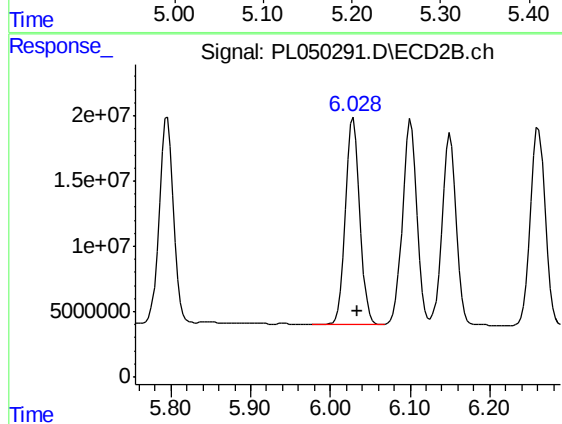
#9 Endosulfan I

R.T.: 6.150 min  
Delta R.T.: -0.005 min  
Response: 183693724  
Conc: 54.07 ng/ml



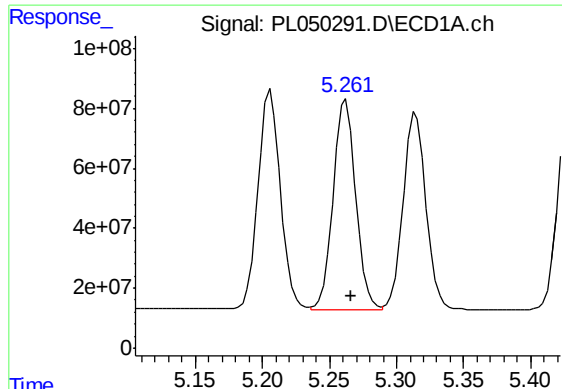
#10 gamma-Chlordane

R.T.: 5.206 min  
Delta R.T.: -0.004 min  
Response: 845364754  
Conc: 49.47 ng/ml



#10 gamma-Chlordane

R.T.: 6.029 min  
Delta R.T.: -0.005 min  
Response: 201476882  
Conc: 54.07 ng/ml



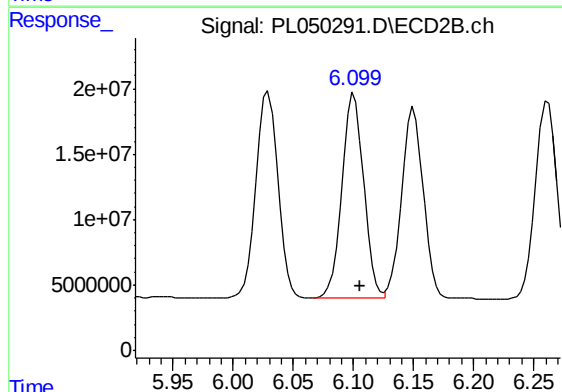
#11 alpha-Chlordane

R.T.: 5.262 min  
Delta R.T.: -0.004 min  
Response: 816539374  
Conc: 49.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB121292BS

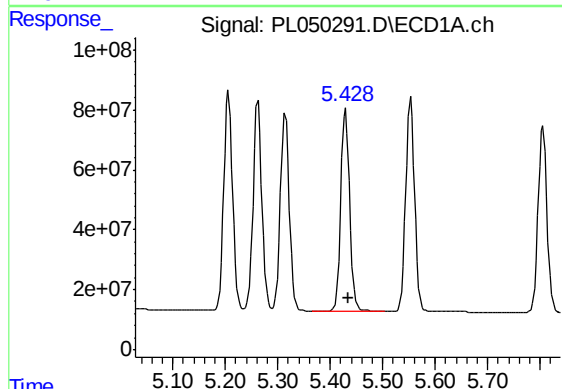
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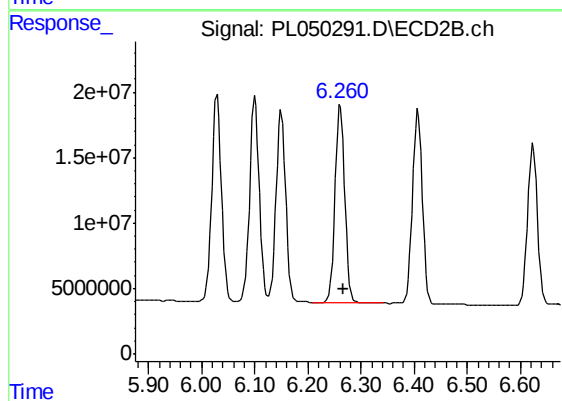
#11 alpha-Chlordane

R.T.: 6.101 min  
Delta R.T.: -0.005 min  
Response: 197956828  
Conc: 53.52 ng/ml



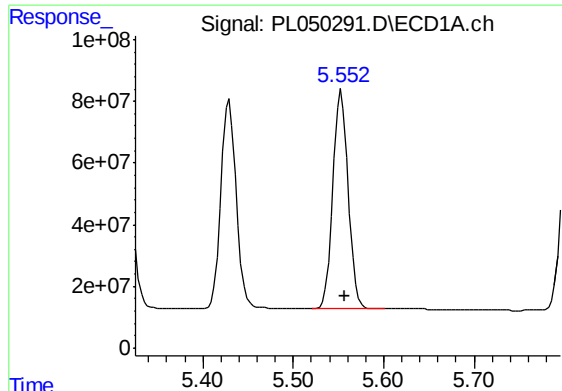
#12 4,4'-DDE

R.T.: 5.429 min  
Delta R.T.: -0.005 min  
Response: 806271901  
Conc: 48.40 ng/ml



#12 4,4'-DDE

R.T.: 6.262 min  
Delta R.T.: -0.004 min  
Response: 192817654  
Conc: 55.57 ng/ml



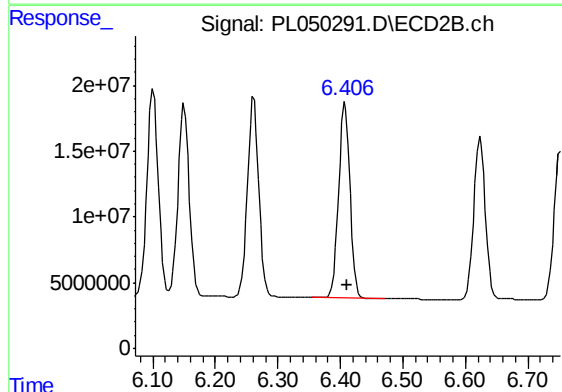
#13 Dieldrin

R.T.: 5.554 min  
Delta R.T.: -0.004 min  
Response: 827533576  
Conc: 49.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB121292BS

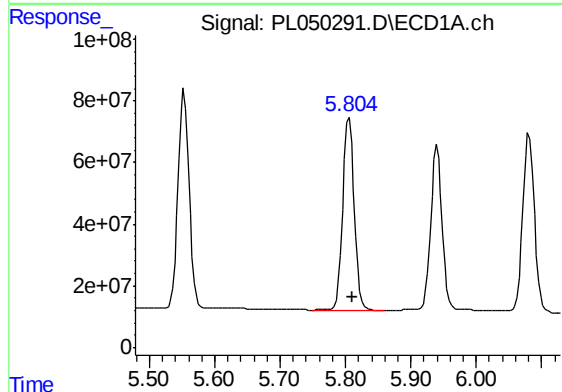
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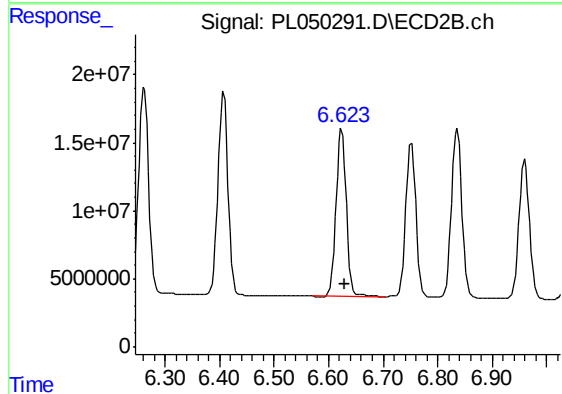
#13 Dieldrin

R.T.: 6.408 min  
Delta R.T.: -0.005 min  
Response: 189170796  
Conc: 53.32 ng/ml



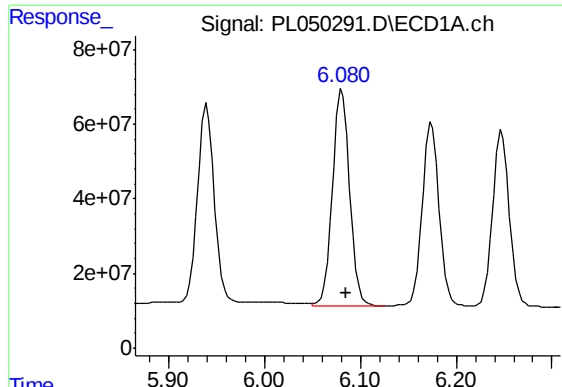
#14 Endrin

R.T.: 5.806 min  
Delta R.T.: -0.005 min  
Response: 764283177  
Conc: 47.72 ng/ml



#14 Endrin

R.T.: 6.624 min  
Delta R.T.: -0.005 min  
Response: 162145502  
Conc: 51.36 ng/ml



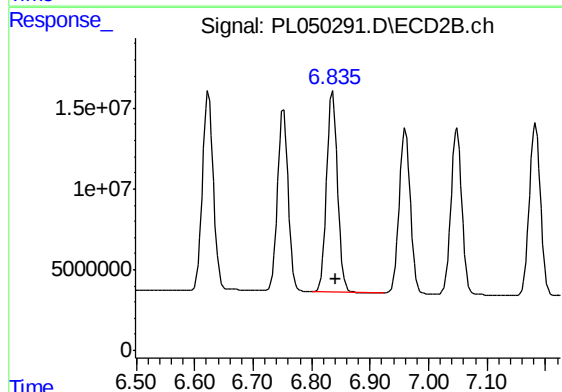
#15 Endosulfan II

R.T.: 6.081 min  
Delta R.T.: -0.004 min  
Response: 720446650  
Conc: 49.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB121292BS

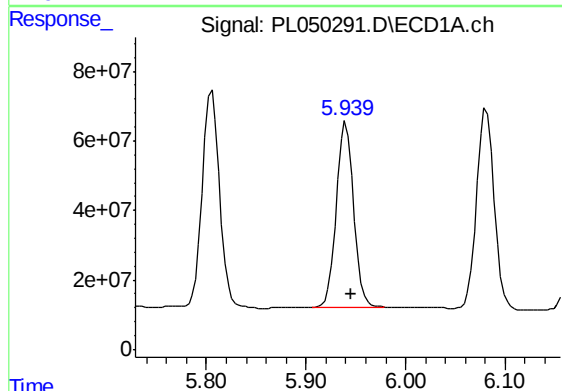
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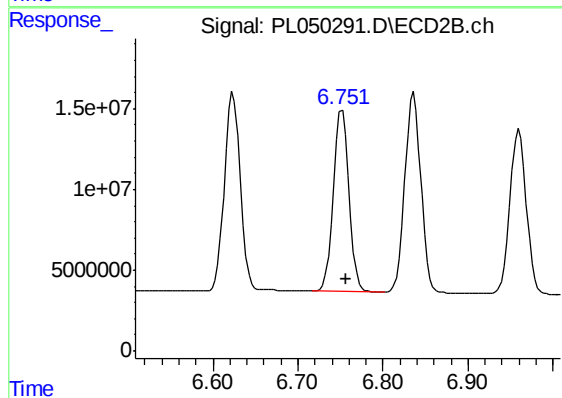
#15 Endosulfan II

R.T.: 6.836 min  
Delta R.T.: -0.005 min  
Response: 164507677  
Conc: 51.08 ng/ml



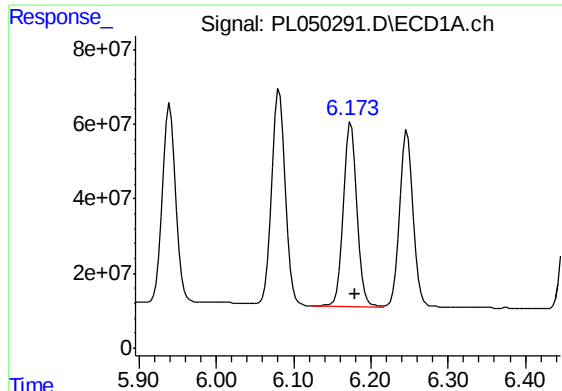
#16 4,4'-DDD

R.T.: 5.939 min  
Delta R.T.: -0.006 min  
Response: 638777333  
Conc: 50.60 ng/ml m



#16 4,4'-DDD

R.T.: 6.752 min  
Delta R.T.: -0.005 min  
Response: 144869769  
Conc: 55.42 ng/ml



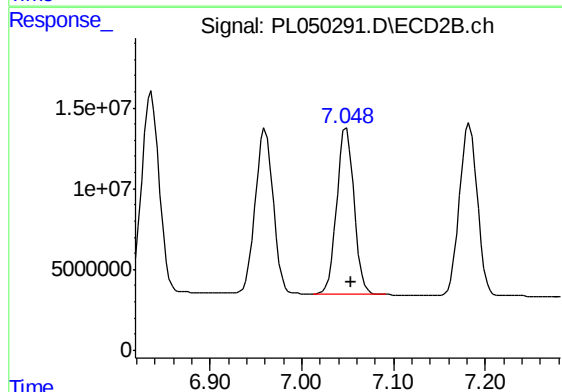
#17 4,4'-DDT

R.T.: 6.175 min  
Delta R.T.: -0.005 min  
Response: 605870084  
Conc: 45.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB121292BS

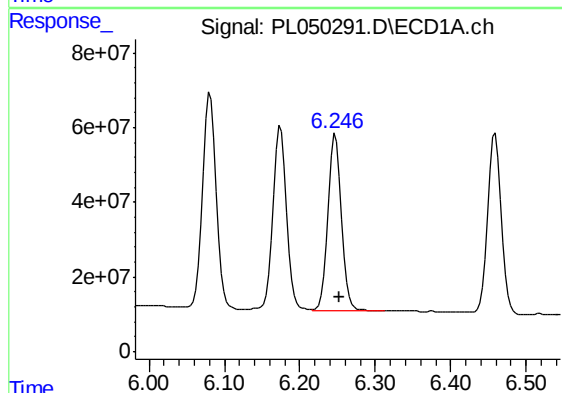
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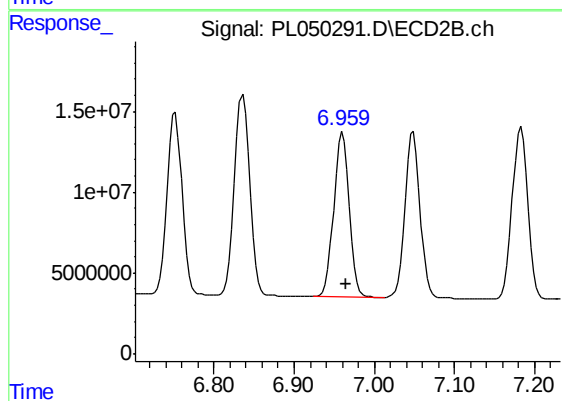
#17 4,4'-DDT

R.T.: 7.049 min  
Delta R.T.: -0.005 min  
Response: 134746462  
Conc: 46.01 ng/ml



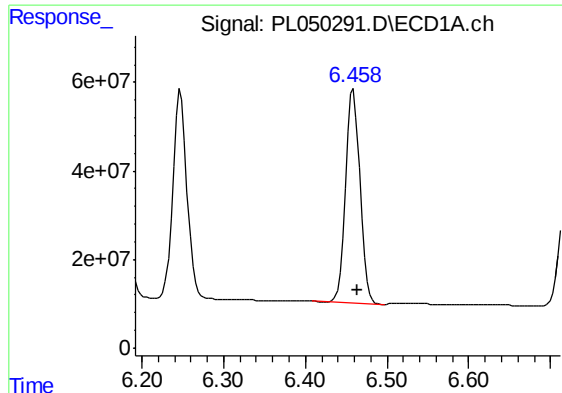
#18 Endrin aldehyde

R.T.: 6.248 min  
Delta R.T.: -0.005 min  
Response: 572321473  
Conc: 48.45 ng/ml



#18 Endrin aldehyde

R.T.: 6.960 min  
Delta R.T.: -0.005 min  
Response: 137799574  
Conc: 50.17 ng/ml



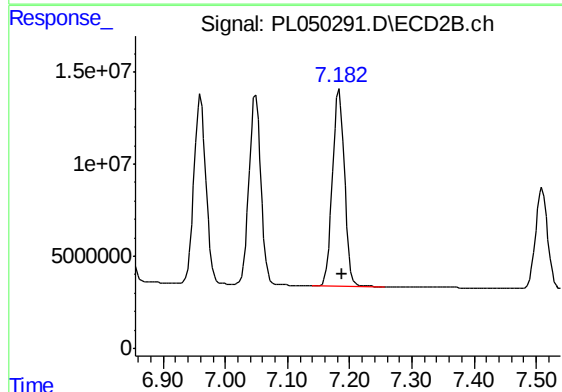
#19 Endosulfan Sulfate

R.T.: 6.459 min  
Delta R.T.: -0.005 min  
Response: 593498740  
Conc: 45.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB121292BS

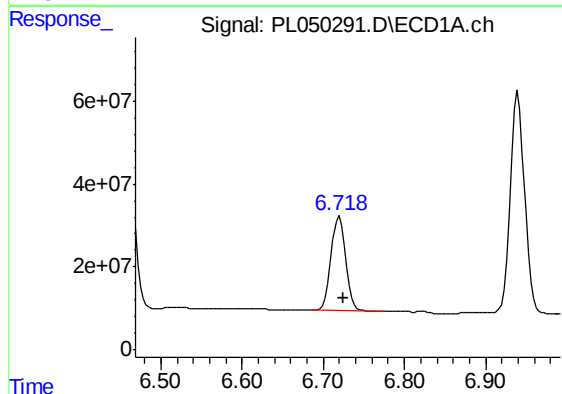
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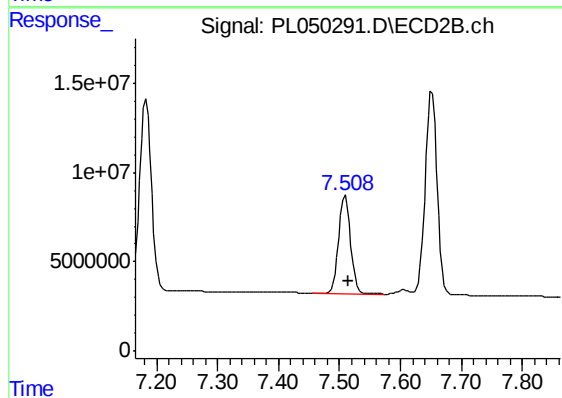
#19 Endosulfan Sulfate

R.T.: 7.183 min  
Delta R.T.: -0.005 min  
Response: 144974188  
Conc: 48.17 ng/ml



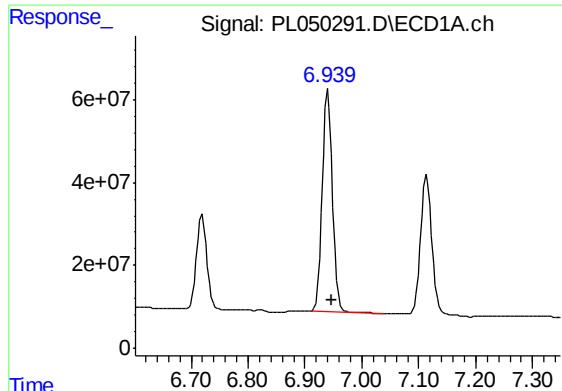
#20 Methoxychlor

R.T.: 6.720 min  
Delta R.T.: -0.005 min  
Response: 286242720  
Conc: 43.91 ng/ml



#20 Methoxychlor

R.T.: 7.510 min  
Delta R.T.: -0.005 min  
Response: 74468070  
Conc: 44.68 ng/ml



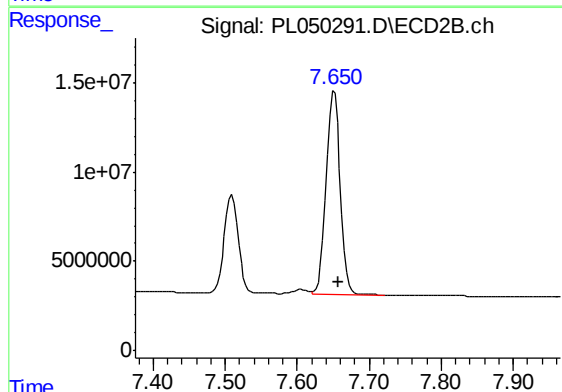
#21 Endrin ketone

R.T.: 6.940 min  
Delta R.T.: -0.006 min  
Response: 659343080  
Conc: 46.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB121292BS

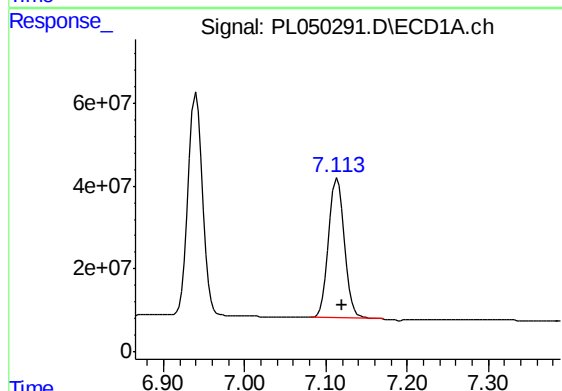
Manual Integrations  
APPROVED

Ankita  
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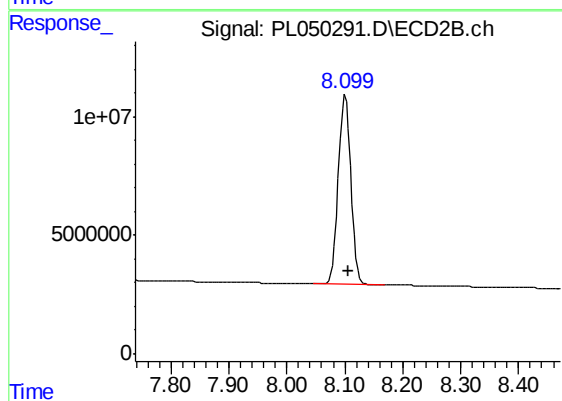
#21 Endrin ketone

R.T.: 7.651 min  
Delta R.T.: -0.006 min  
Response: 154592196  
Conc: 49.61 ng/ml



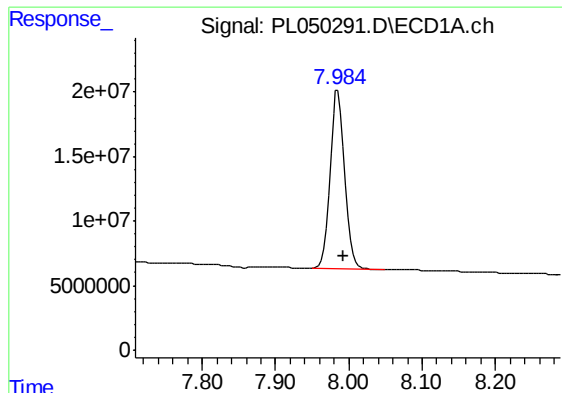
#22 Mirex

R.T.: 7.114 min  
Delta R.T.: -0.006 min  
Response: 455820003  
Conc: 44.10 ng/ml



#22 Mirex

R.T.: 8.101 min  
Delta R.T.: -0.006 min  
Response: 117336773  
Conc: 46.40 ng/ml



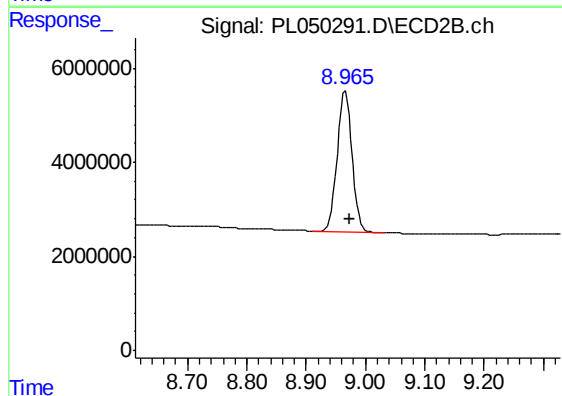
#28 Decachlorobiphenyl

R.T.: 7.985 min  
Delta R.T.: -0.007 min  
Response: 192491007  
Conc: 15.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB121292BS

Manual Integrations  
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#28 Decachlorobiphenyl

R.T.: 8.966 min  
Delta R.T.: -0.007 min  
Response: 52545153  
Conc: 15.65 ng/ml