

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092419\  
 Data File : PL052719.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Sep 2019 22:24  
 Operator : SG\AJ  
 Sample : K5008-07MSD  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 SB-7MSD

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 25 01:23:31 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL091719.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Sep 17 11:25:25 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... | 3.550 | 4.048 | 176.5E6 | 52214413 | 22.638  | 23.963 |
| 28)                         | SA Decachlor... | 8.350 | 9.126 | 146.0E6 | 46783686 | 16.693  | 19.537 |
| Target Compounds            |                 |       |       |         |          |         |        |
| 2)                          | A alpha-BHC     | 3.994 | 4.439 | 810.5E6 | 215.6E6  | 67.413m | 70.526 |
| 3)                          | MA gamma-BHC... | 4.283 | 4.725 | 748.1E6 | 203.5E6  | 66.117  | 70.486 |
| 4)                          | MA Heptachlor   | 4.592 | 5.234 | 727.6E6 | 201.9E6  | 64.397  | 68.790 |
| 5)                          | MB Aldrin       | 4.844 | 5.540 | 709.9E6 | 187.7E6  | 65.741  | 70.845 |
| 6)                          | B beta-BHC      | 4.532 | 4.893 | 314.8E6 | 93316470 | 64.332  | 69.970 |
| 7)                          | B delta-BHC     | 4.742 | 5.110 | 685.5E6 | 183.4E6  | 60.658  | 64.066 |
| 8)                          | B Heptachlo...  | 5.291 | 5.926 | 661.1E6 | 182.9E6  | 64.705  | 69.757 |
| 9)                          | A Endosulfan I  | 5.634 | 6.282 | 606.0E6 | 159.1E6  | 62.116  | 68.252 |
| 10)                         | B gamma-Chl...  | 5.521 | 6.159 | 652.1E6 | 168.1E6  | 61.401  | 66.068 |
| 11)                         | B alpha-Chl...  | 5.580 | 6.232 | 624.7E6 | 167.0E6  | 60.429  | 66.869 |
| 12)                         | B 4,4'-DDE      | 5.742 | 6.388 | 556.0E6 | 164.3E6  | 59.584m | 67.410 |
| 13)                         | MA Dieldrin     | 5.878 | 6.539 | 631.9E6 | 171.4E6  | 60.962m | 70.190 |
| 14)                         | MA Endrin       | 6.138 | 6.757 | 539.5E6 | 130.5E6  | 65.257  | 67.447 |
| 15)                         | B Endosulfa...  | 6.409 | 6.965 | 523.9E6 | 144.7E6  | 54.010m | 64.813 |
| 16)                         | A 4,4'-DDD      | 6.261 | 6.877 | 488.9E6 | 132.0E6  | 63.840  | 71.674 |
| 17)                         | MA 4,4'-DDT     | 6.505 | 7.175 | 458.1E6 | 118.0E6  | 59.025  | 64.530 |
| 18)                         | B Endrin al...  | 6.578 | 7.089 | 429.1E6 | 120.2E6  | 55.493m | 64.797 |
| 19)                         | B Endosulfa...  | 6.792 | 7.311 | 491.7E6 | 139.0E6  | 59.280m | 67.668 |
| 20)                         | A Methoxychlor  | 7.051 | 7.632 | 241.3E6 | 64383836 | 59.691  | 63.538 |
| 21)                         | B Endrin ke...  | 7.286 | 7.783 | 564.2E6 | 147.1E6  | 54.334m | 66.248 |
| 22)                         | Mirex           | 7.484 | 8.239 | 373.7E6 | 100.5E6  | 48.859  | 58.709 |
| -----                       |                 |       |       |         |          |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092419\  
Data File : PL052719.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 Sep 2019 22:24  
Operator : SG\AJ  
Sample : K5008-07MSD  
Misc :  
ALS Vial : 34 Sample Multiplier: 1

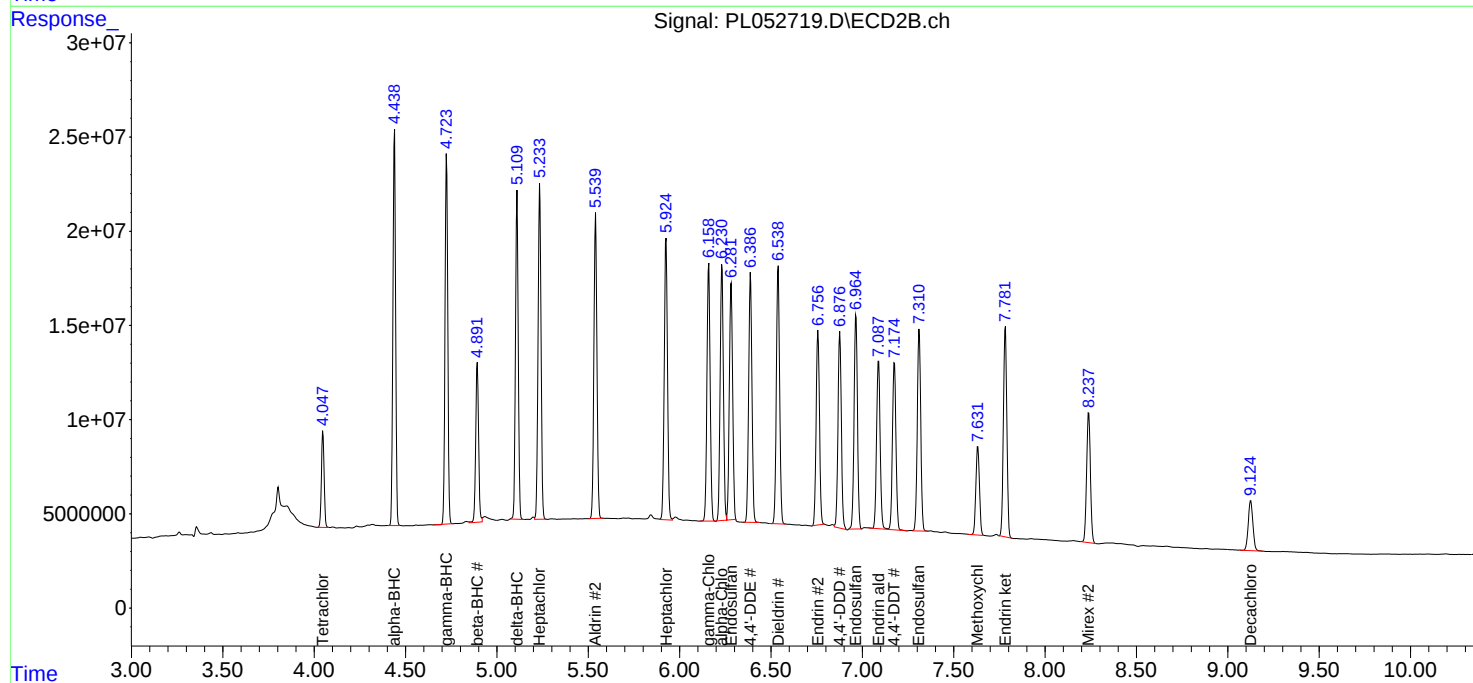
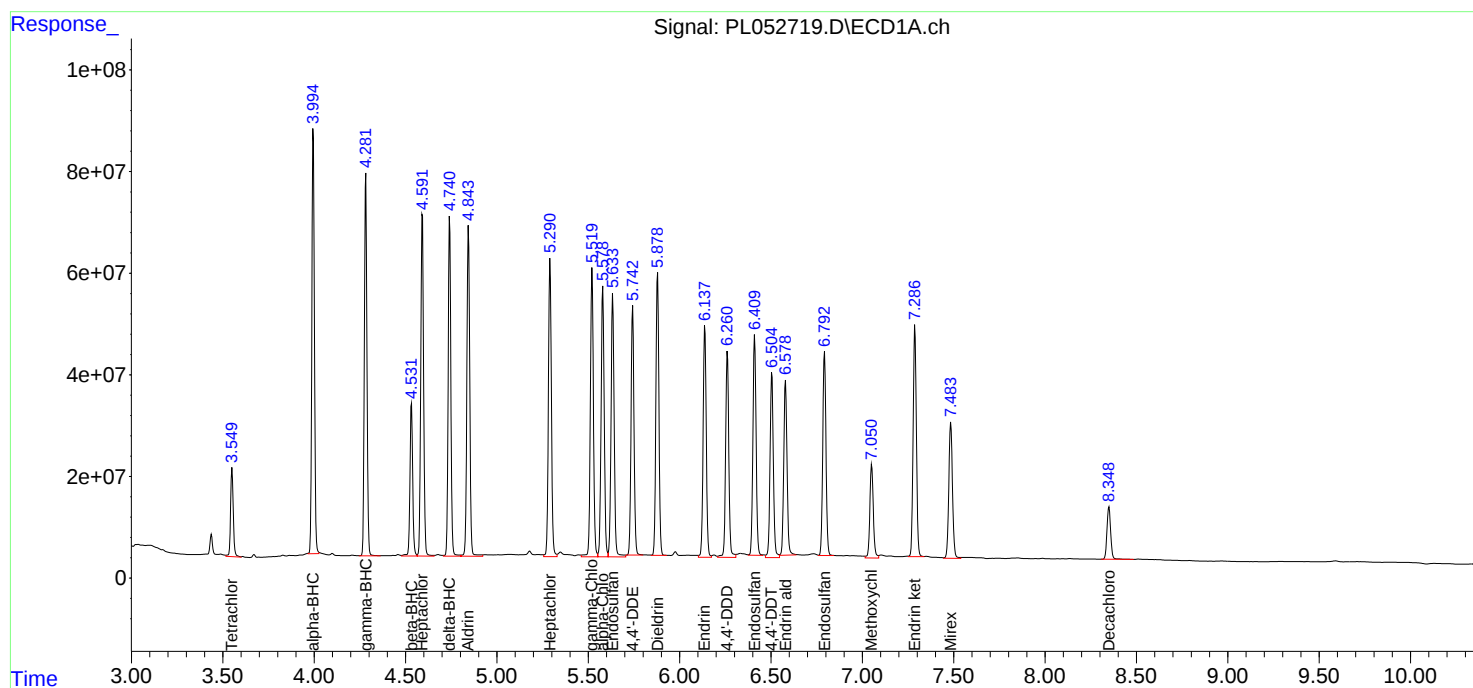
Instrument :  
ECD\_L  
ClientSampled :  
SB-7MSD

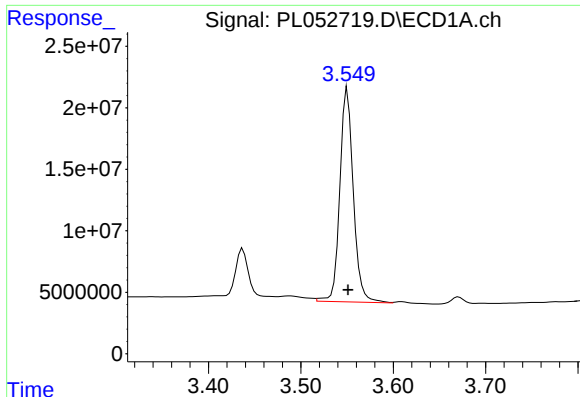
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 25 01:23:31 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL091719.M  
Quant Title : GC Extractables  
QLast Update : Tue Sep 17 11:25:25 2019  
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





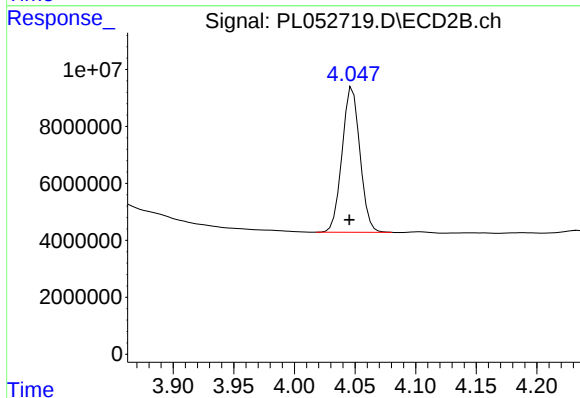
#1 Tetrachloro-m-xylene

R.T.: 3.550 min  
Delta R.T.: 0.000 min  
Response: 176521242  
Conc: 22.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-7MSD

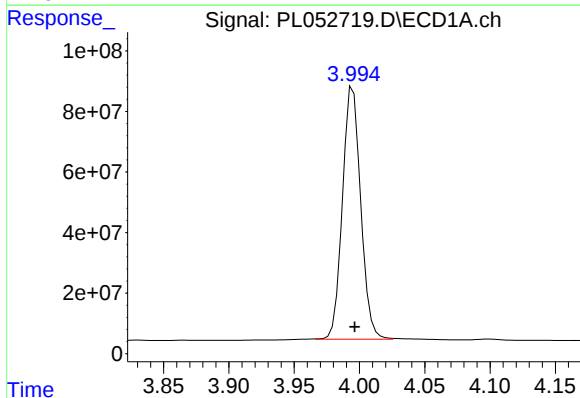
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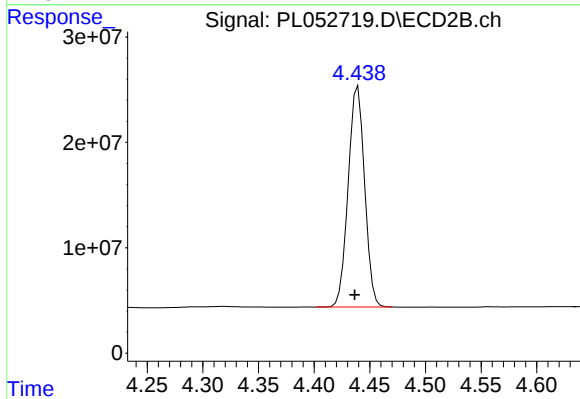
#1 Tetrachloro-m-xylene

R.T.: 4.048 min  
Delta R.T.: 0.003 min  
Response: 52214413  
Conc: 23.96 ng/ml



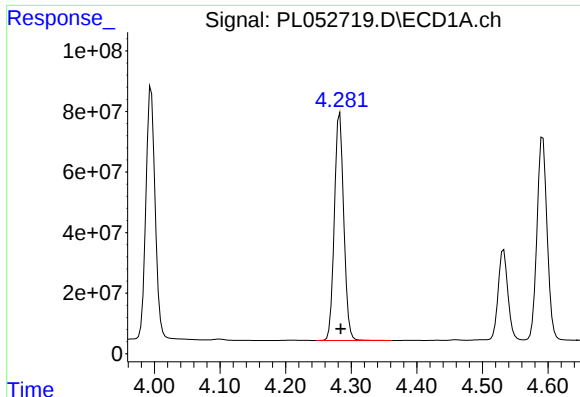
#2 alpha-BHC

R.T.: 3.994 min  
Delta R.T.: -0.003 min  
Response: 810475137  
Conc: 67.41 ng/ml m



#2 alpha-BHC

R.T.: 4.439 min  
Delta R.T.: 0.003 min  
Response: 215569655  
Conc: 70.53 ng/ml



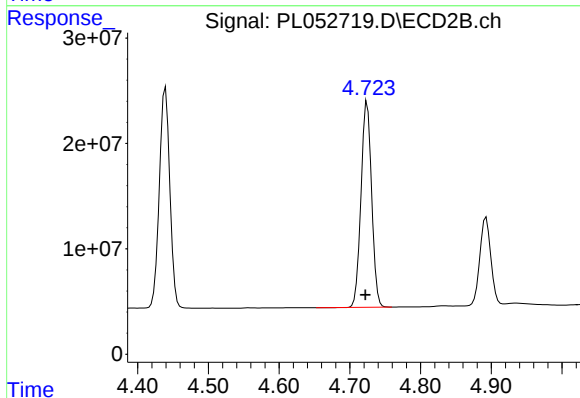
#3 gamma-BHC (Lindane)

R.T.: 4.283 min  
Delta R.T.: -0.001 min  
Response: 748073333  
Conc: 66.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-7MSD

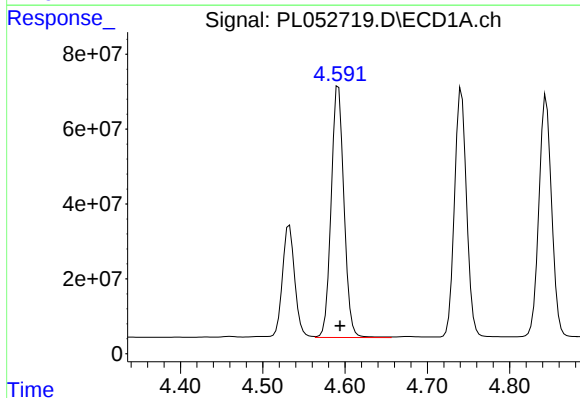
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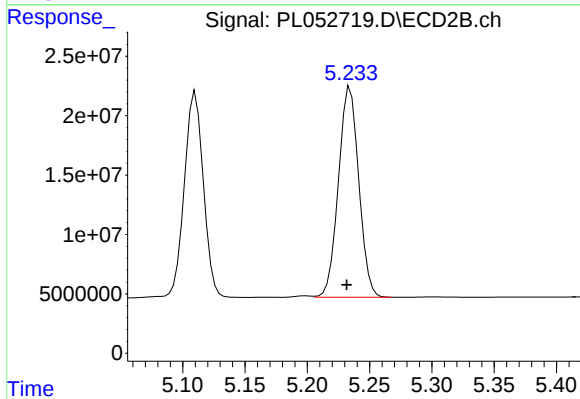
#3 gamma-BHC (Lindane)

R.T.: 4.725 min  
Delta R.T.: 0.003 min  
Response: 203528600  
Conc: 70.49 ng/ml



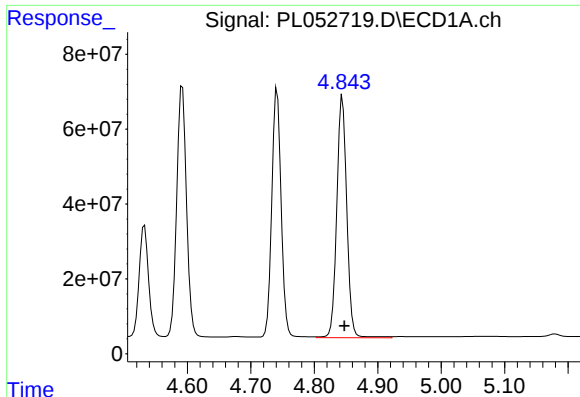
#4 Heptachlor

R.T.: 4.592 min  
Delta R.T.: -0.002 min  
Response: 727622721  
Conc: 64.40 ng/ml



#4 Heptachlor

R.T.: 5.234 min  
Delta R.T.: 0.003 min  
Response: 201885402  
Conc: 68.79 ng/ml



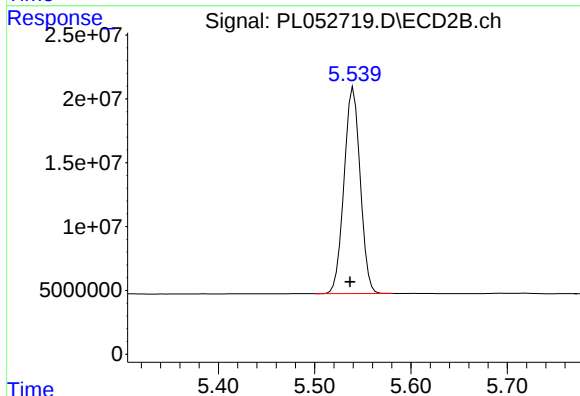
#5 Aldrin

R.T.: 4.844 min  
Delta R.T.: -0.003 min  
Response: 709902397  
Conc: 65.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-7MSD

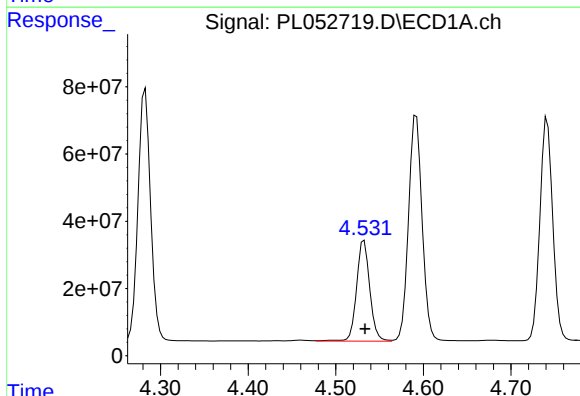
Manual Integrations  
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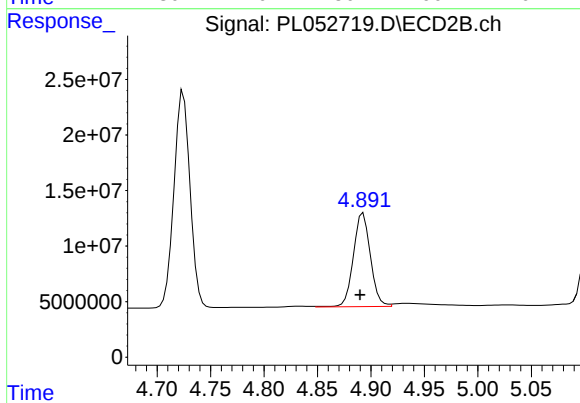
#5 Aldrin

R.T.: 5.540 min  
Delta R.T.: 0.003 min  
Response: 187651375  
Conc: 70.84 ng/ml



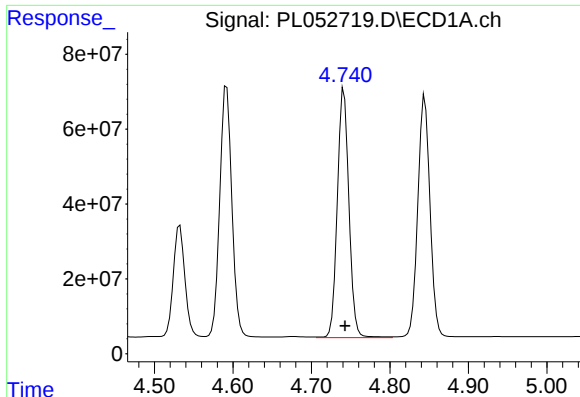
#6 beta-BHC

R.T.: 4.532 min  
Delta R.T.: -0.001 min  
Response: 314828840  
Conc: 64.33 ng/ml



#6 beta-BHC

R.T.: 4.893 min  
Delta R.T.: 0.003 min  
Response: 93316470  
Conc: 69.97 ng/ml



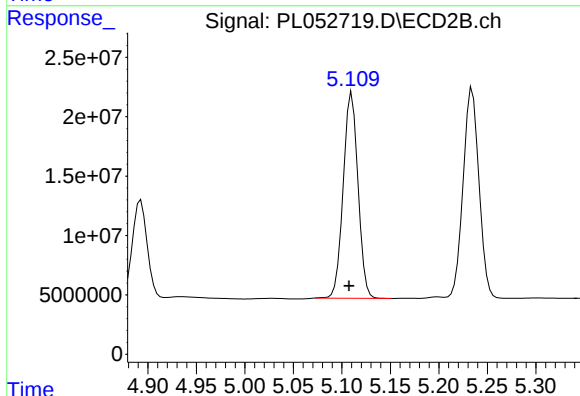
#7 delta-BHC

R.T.: 4.742 min  
Delta R.T.: -0.001 min  
Response: 685466955  
Conc: 60.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-7MSD

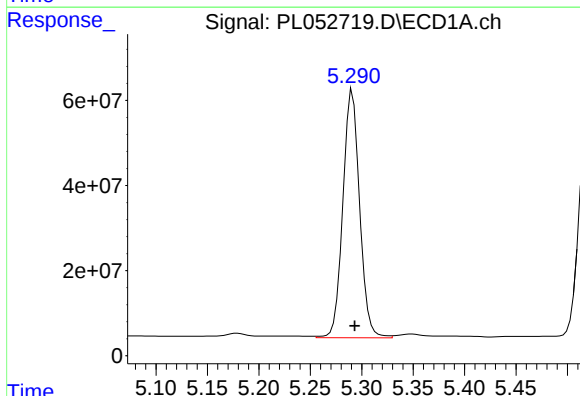
Manual Integrations  
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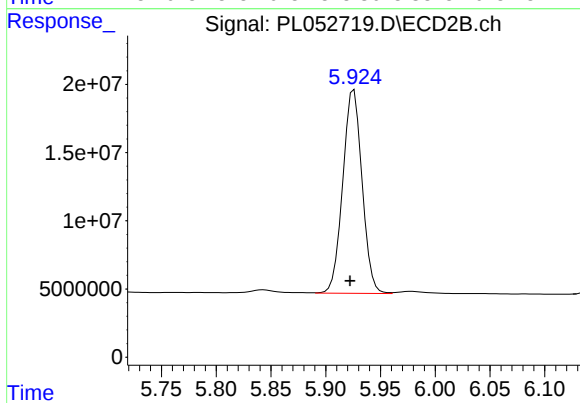
#7 delta-BHC

R.T.: 5.110 min  
Delta R.T.: 0.003 min  
Response: 183410680  
Conc: 64.07 ng/ml



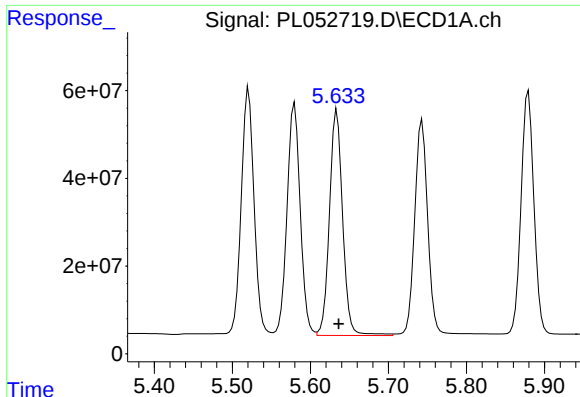
#8 Heptachlor epoxide

R.T.: 5.291 min  
Delta R.T.: -0.002 min  
Response: 661105953  
Conc: 64.70 ng/ml



#8 Heptachlor epoxide

R.T.: 5.926 min  
Delta R.T.: 0.003 min  
Response: 182937105  
Conc: 69.76 ng/ml



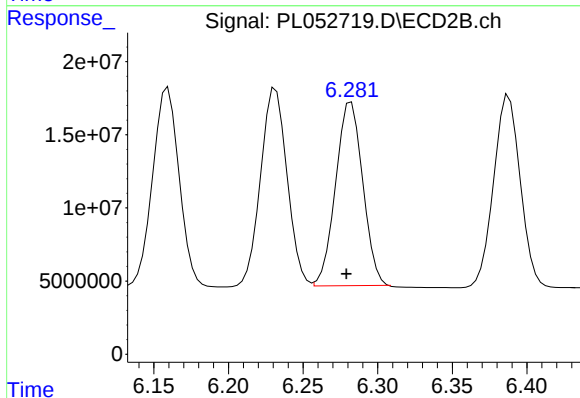
#9 Endosulfan I

R.T.: 5.634 min  
Delta R.T.: -0.002 min  
Response: 605981901  
Conc: 62.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-7MSD

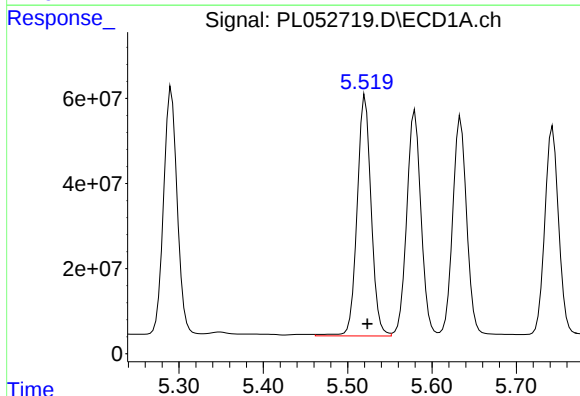
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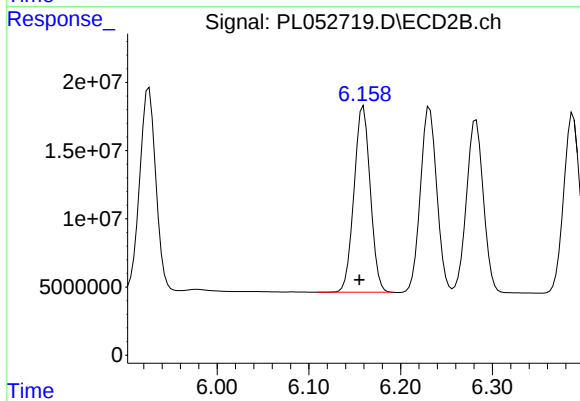
#9 Endosulfan I

R.T.: 6.282 min  
Delta R.T.: 0.003 min  
Response: 159109898  
Conc: 68.25 ng/ml



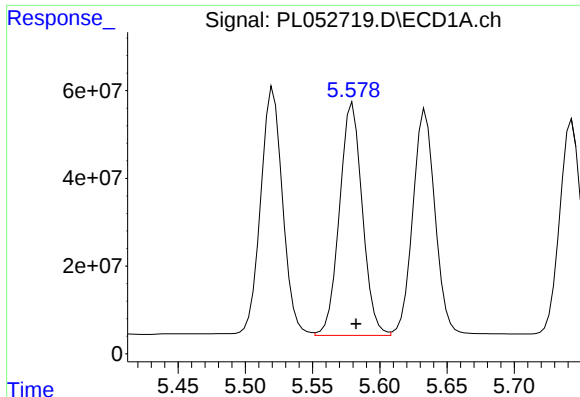
#10 gamma-Chlordane

R.T.: 5.521 min  
Delta R.T.: -0.002 min  
Response: 652088517  
Conc: 61.40 ng/ml



#10 gamma-Chlordane

R.T.: 6.159 min  
Delta R.T.: 0.004 min  
Response: 168075995  
Conc: 66.07 ng/ml



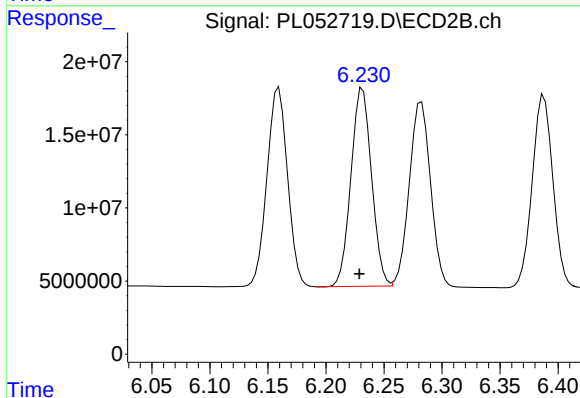
#11 alpha-Chlordane

R.T.: 5.580 min  
Delta R.T.: -0.003 min  
Response: 624668033  
Conc: 60.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-7MSD

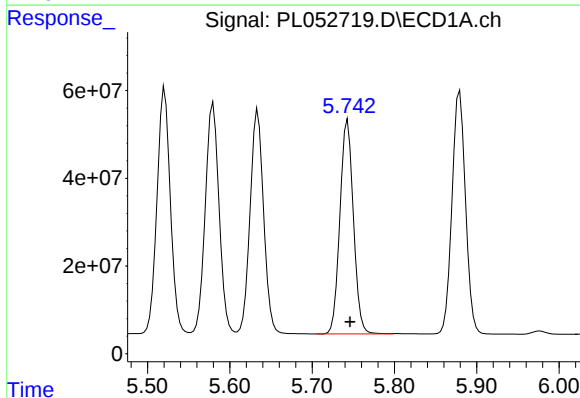
Manual Integrations  
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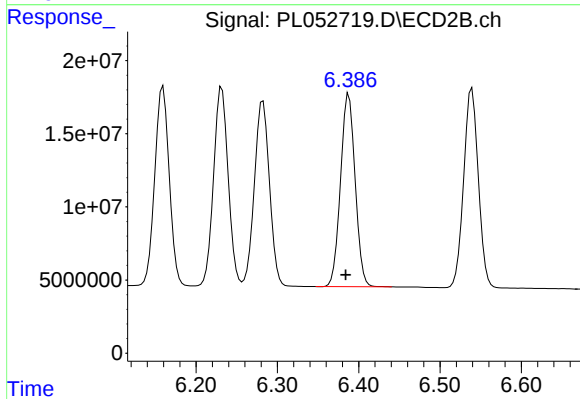
#11 alpha-Chlordane

R.T.: 6.232 min  
Delta R.T.: 0.003 min  
Response: 167042507  
Conc: 66.87 ng/ml



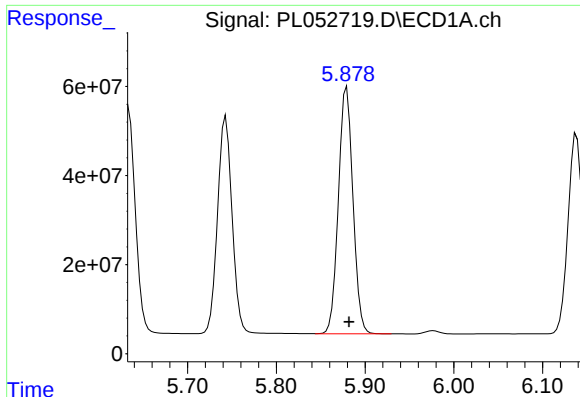
#12 4,4'-DDE

R.T.: 5.742 min  
Delta R.T.: -0.004 min  
Response: 555980658  
Conc: 59.58 ng/ml m



#12 4,4'-DDE

R.T.: 6.388 min  
Delta R.T.: 0.004 min  
Response: 164346300  
Conc: 67.41 ng/ml



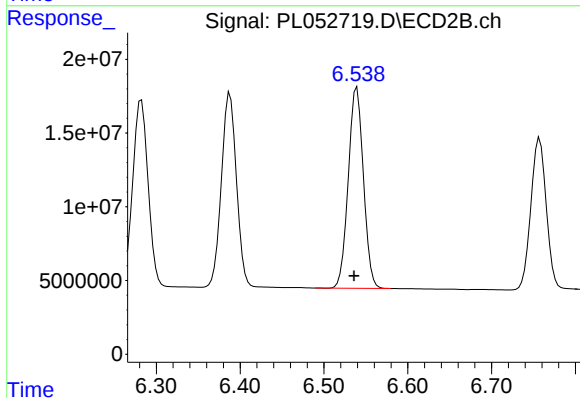
#13 Dieldrin

R.T.: 5.878 min  
Delta R.T.: -0.004 min  
Response: 631939259  
Conc: 60.96 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
SB-7MSD

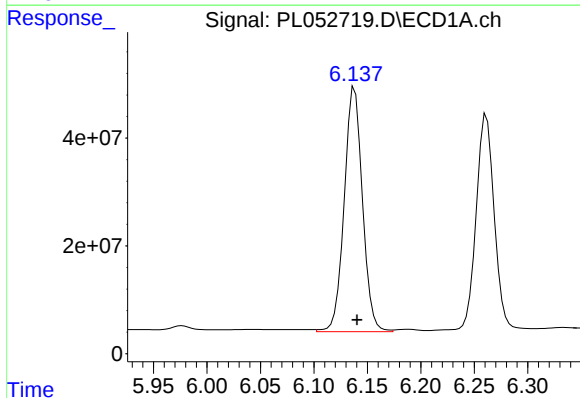
Manual Integrations  
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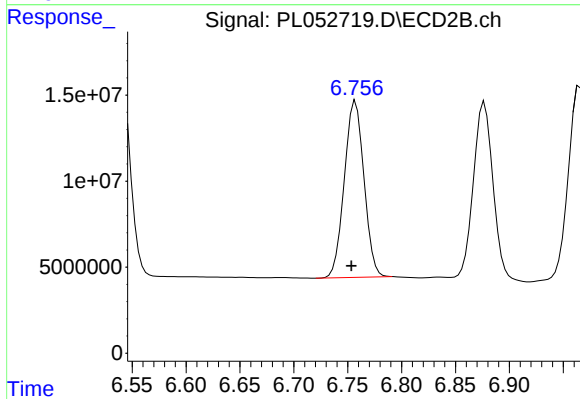
#13 Dieldrin

R.T.: 6.539 min  
Delta R.T.: 0.003 min  
Response: 171409231  
Conc: 70.19 ng/ml



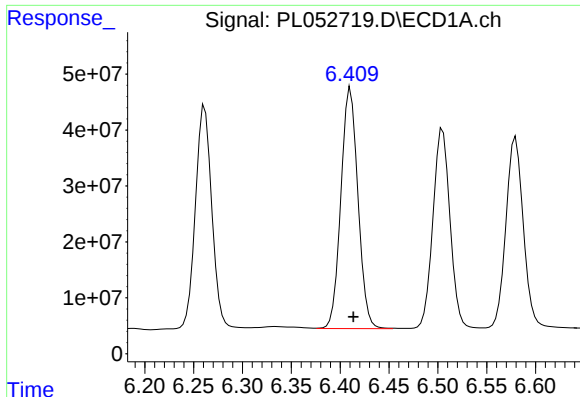
#14 Endrin

R.T.: 6.138 min  
Delta R.T.: -0.002 min  
Response: 539530762  
Conc: 65.26 ng/ml



#14 Endrin

R.T.: 6.757 min  
Delta R.T.: 0.004 min  
Response: 130549109  
Conc: 67.45 ng/ml



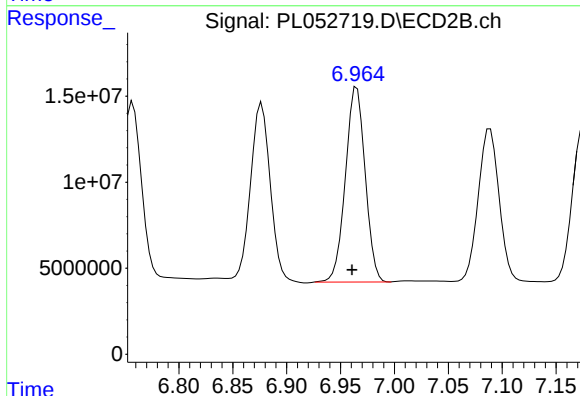
#15 Endosulfan II

R.T.: 6.409 min  
Delta R.T.: -0.005 min  
Response: 523886326  
Conc: 54.01 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
SB-7MSD

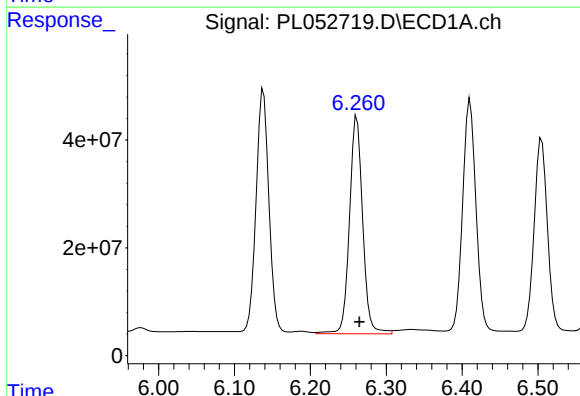
Manual Integrations  
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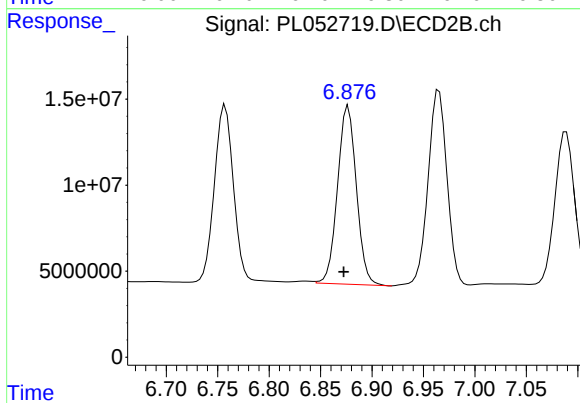
#15 Endosulfan II

R.T.: 6.965 min  
Delta R.T.: 0.004 min  
Response: 144675187  
Conc: 64.81 ng/ml



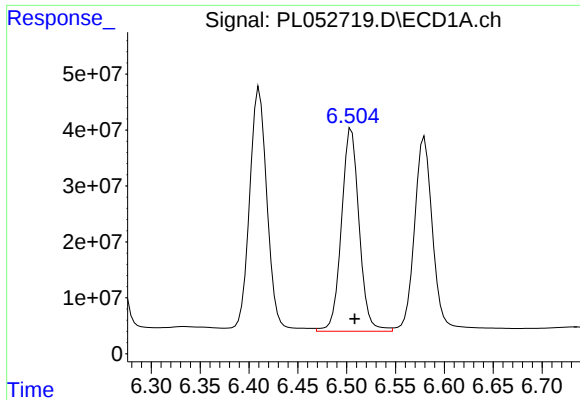
#16 4,4'-DDD

R.T.: 6.261 min  
Delta R.T.: -0.003 min  
Response: 488946106  
Conc: 63.84 ng/ml



#16 4,4'-DDD

R.T.: 6.877 min  
Delta R.T.: 0.004 min  
Response: 132009312  
Conc: 71.67 ng/ml



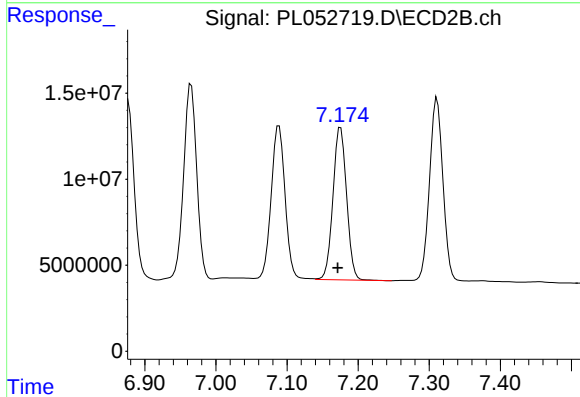
#17 4,4'-DDT

R.T.: 6.505 min  
Delta R.T.: -0.003 min  
Response: 458109487  
Conc: 59.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-7MSD

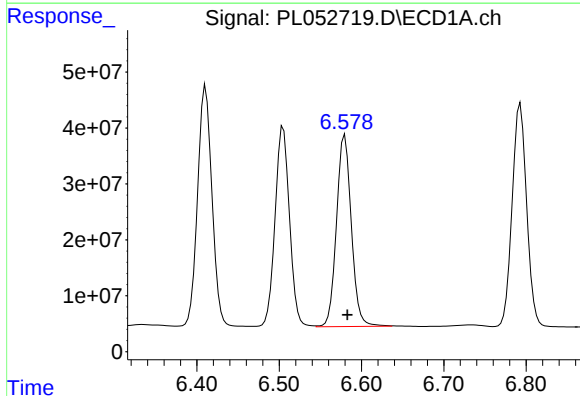
Manual Integrations  
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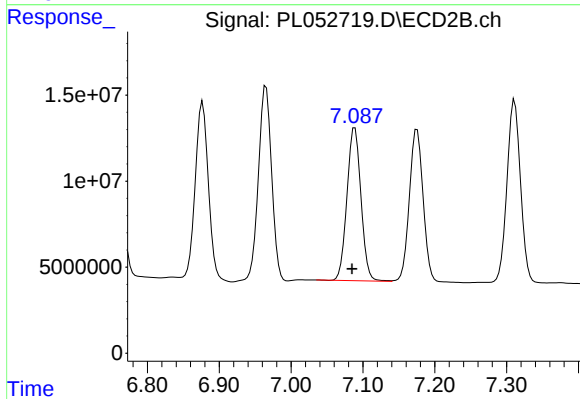
#17 4,4'-DDT

R.T.: 7.175 min  
Delta R.T.: 0.004 min  
Response: 118030187  
Conc: 64.53 ng/ml



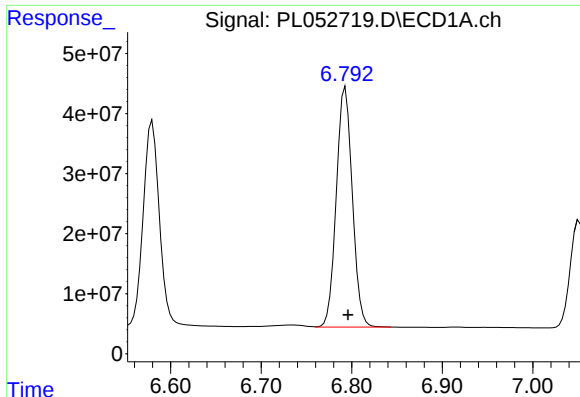
#18 Endrin aldehyde

R.T.: 6.578 min  
Delta R.T.: -0.005 min  
Response: 429059450  
Conc: 55.49 ng/ml m



#18 Endrin aldehyde

R.T.: 7.089 min  
Delta R.T.: 0.004 min  
Response: 120201041  
Conc: 64.80 ng/ml



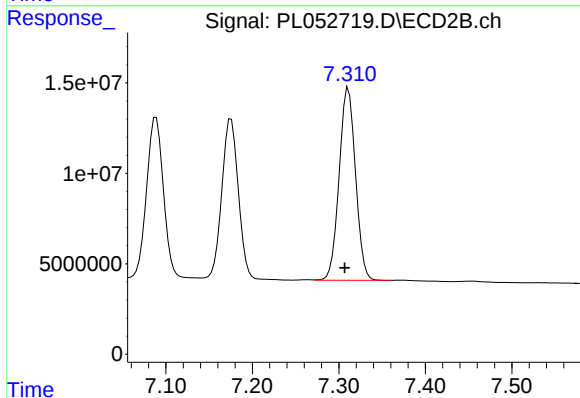
#19 Endosulfan Sulfate

R.T.: 6.792 min  
Delta R.T.: -0.004 min  
Response: 491721709  
Conc: 59.28 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
SB-7MSD

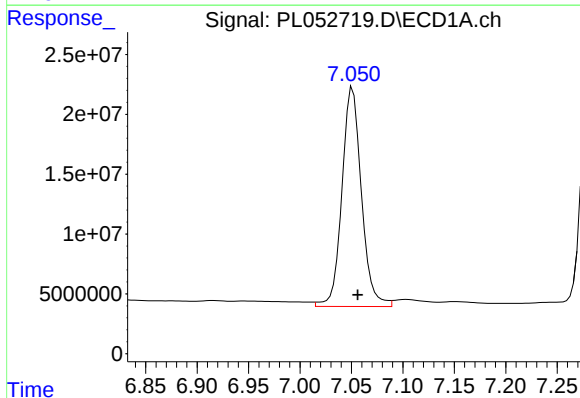
Manual Integrations  
APPROVED

Ankita  
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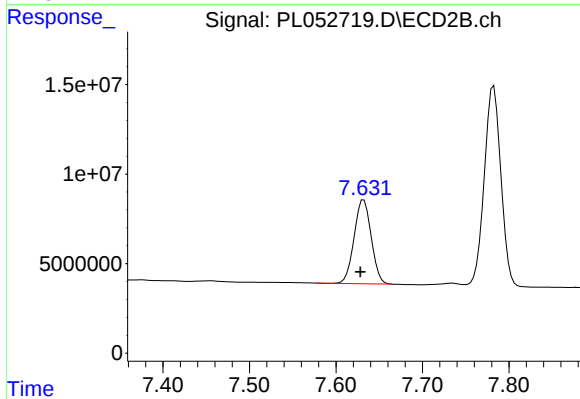
#19 Endosulfan Sulfate

R.T.: 7.311 min  
Delta R.T.: 0.004 min  
Response: 138982668  
Conc: 67.67 ng/ml



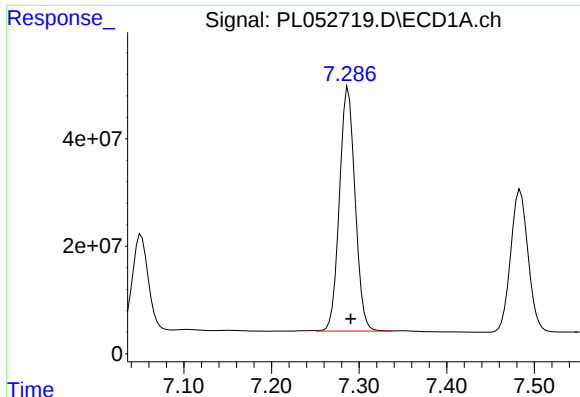
#20 Methoxychlor

R.T.: 7.051 min  
Delta R.T.: -0.005 min  
Response: 241331431  
Conc: 59.69 ng/ml



#20 Methoxychlor

R.T.: 7.632 min  
Delta R.T.: 0.004 min  
Response: 64383836  
Conc: 63.54 ng/ml



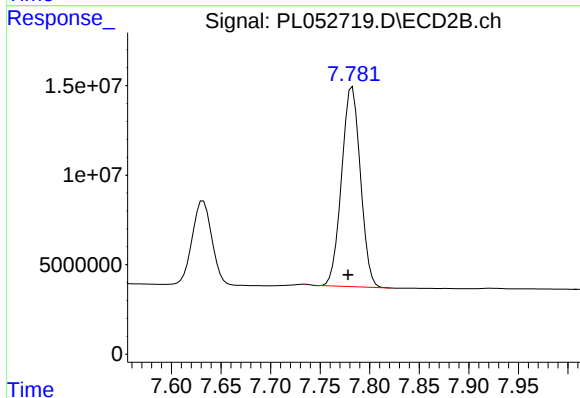
#21 Endrin ketone

R.T.: 7.286 min  
Delta R.T.: -0.004 min  
Response: 564163731  
Conc: 54.33 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
SB-7MSD

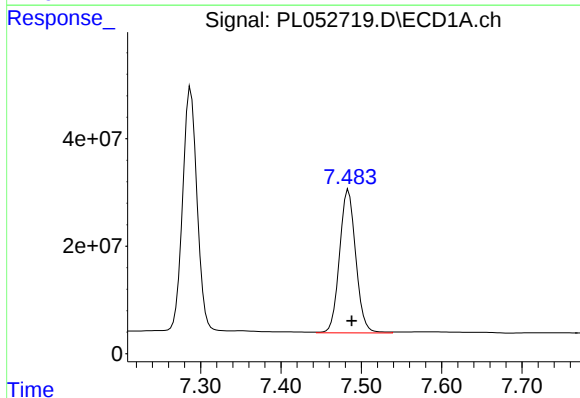
Manual Integrations  
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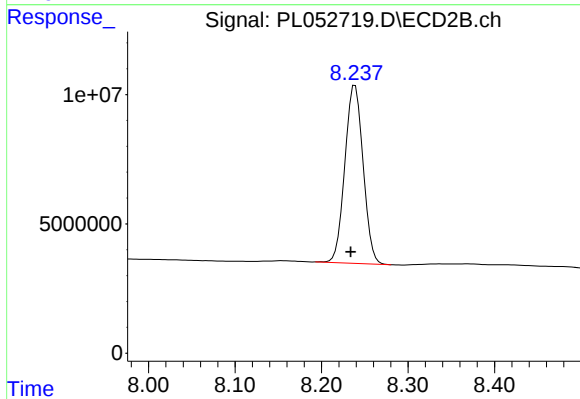
#21 Endrin ketone

R.T.: 7.783 min  
Delta R.T.: 0.004 min  
Response: 147117220  
Conc: 66.25 ng/ml



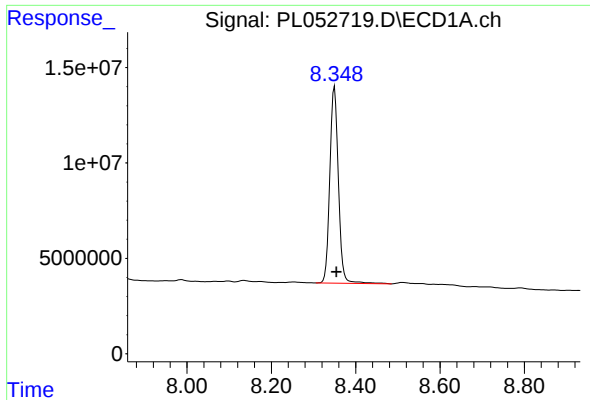
#22 Mirex

R.T.: 7.484 min  
Delta R.T.: -0.004 min  
Response: 373659341  
Conc: 48.86 ng/ml



#22 Mirex

R.T.: 8.239 min  
Delta R.T.: 0.005 min  
Response: 100475913  
Conc: 58.71 ng/ml



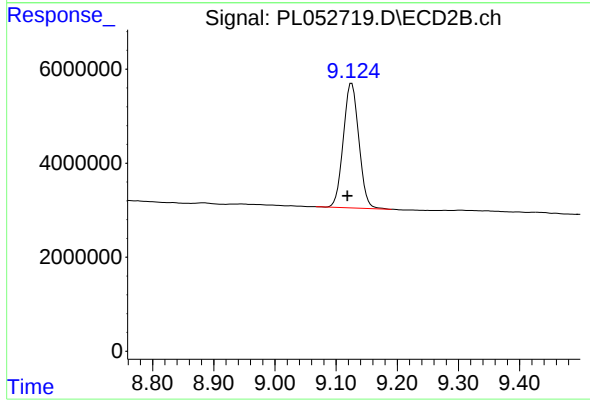
#28 Decachlorobiphenyl

R.T.: 8.350 min  
Delta R.T.: -0.005 min  
Response: 145973281  
Conc: 16.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-7MSD

Manual Integrations  
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#28 Decachlorobiphenyl

R.T.: 9.126 min  
Delta R.T.: 0.007 min  
Response: 46783686  
Conc: 19.54 ng/ml