

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL030921\  
 Data File : PL065160.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Mar 2021 10:08  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 10 06:17:09 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL030521.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Mar 05 02:26:14 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... | 3.426 | 4.098 | 166.5E6  | 140.3E6  | 56.637  | 56.486 |
| 28)                         | SA Decachlor... | 8.146 | 9.252 | 143.3E6  | 112.0E6  | 51.636  | 50.999 |
| Target Compounds            |                 |       |       |          |          |         |        |
| 2)                          | A alpha-BHC     | 3.859 | 4.500 | 269.2E6  | 198.5E6  | 57.102  | 58.293 |
| 3)                          | MA gamma-BHC... | 4.139 | 4.792 | 243.4E6  | 180.6E6  | 56.233  | 57.160 |
| 4)                          | MA Heptachlor   | 4.436 | 5.303 | 234.4E6  | 181.0E6  | 53.279  | 53.527 |
| 5)                          | MB Aldrin       | 4.680 | 5.613 | 220.6E6  | 161.6E6  | 54.024  | 54.713 |
| 6)                          | B beta-BHC      | 4.390 | 4.971 | 102.1E6  | 85951267 | 54.663  | 56.214 |
| 7)                          | B delta-BHC     | 4.591 | 5.192 | 243.5E6  | 170.7E6  | 55.770  | 56.367 |
| 8)                          | B Heptachlo...  | 5.121 | 6.007 | 203.4E6  | 144.1E6  | 53.504  | 59.488 |
| 9)                          | A Endosulfan I  | 5.455 | 6.369 | 185.4E6  | 134.5E6  | 51.849m | 52.994 |
| 10)                         | B gamma-Chl...  | 5.346 | 6.243 | 205.0E6  | 148.8E6  | 52.341  | 53.062 |
| 11)                         | B alpha-Chl...  | 5.404 | 6.315 | 200.4E6  | 146.2E6  | 52.305  | 52.910 |
| 12)                         | B 4,4'-DDE      | 5.568 | 6.472 | 184.8E6  | 132.0E6  | 51.417m | 52.809 |
| 13)                         | MA Dieldrin     | 5.697 | 6.630 | 192.5E6  | 134.6E6  | 52.035  | 52.529 |
| 14)                         | MA Endrin       | 5.952 | 6.852 | 156.9E6  | 96172266 | 45.712  | 45.524 |
| 15)                         | B Endosulfa...  | 6.225 | 7.067 | 160.1E6  | 109.8E6  | 51.008  | 51.745 |
| 16)                         | A 4,4'-DDD      | 6.083 | 6.971 | 158.6E6  | 111.3E6  | 53.279  | 55.184 |
| 17)                         | MA 4,4'-DDT     | 6.321 | 7.271 | 126.9E6  | 93180855 | 45.514  | 47.542 |
| 18)                         | B Endrin al...  | 6.393 | 7.192 | 129.5E6  | 90595693 | 50.525  | 51.207 |
| 19)                         | B Endosulfa...  | 6.606 | 7.416 | 166.6E6  | 111.3E6  | 49.273  | 51.113 |
| 20)                         | A Methoxychlor  | 6.869 | 7.732 | 69861047 | 51335983 | 44.252  | 46.316 |
| 21)                         | B Endrin ke...  | 7.092 | 7.895 | 182.0E6  | 118.8E6  | 52.739  | 55.593 |
| 22)                         | Mirex           | 7.274 | 8.344 | 132.1E6  | 89162538 | 49.273  | 52.718 |
| -----                       |                 |       |       |          |          |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL030921\  
 Data File : PL065160.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Mar 2021 10:08  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

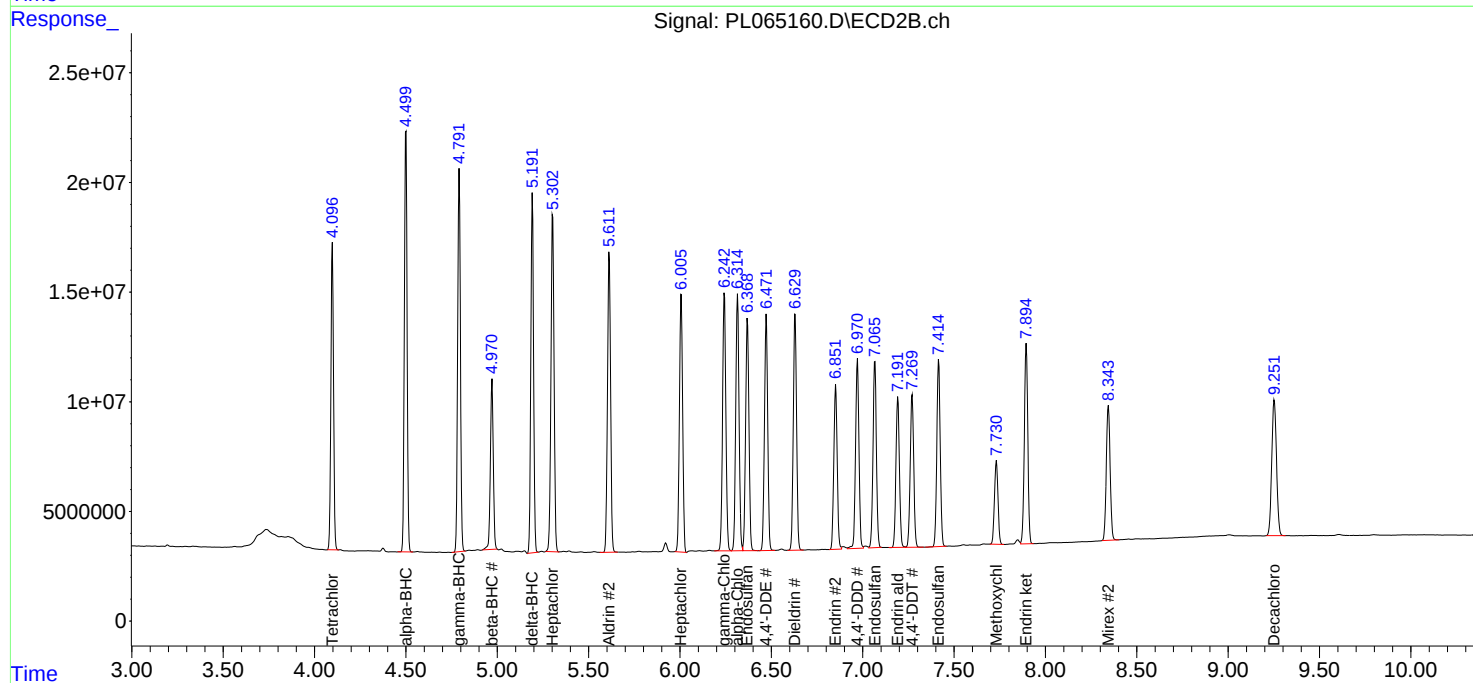
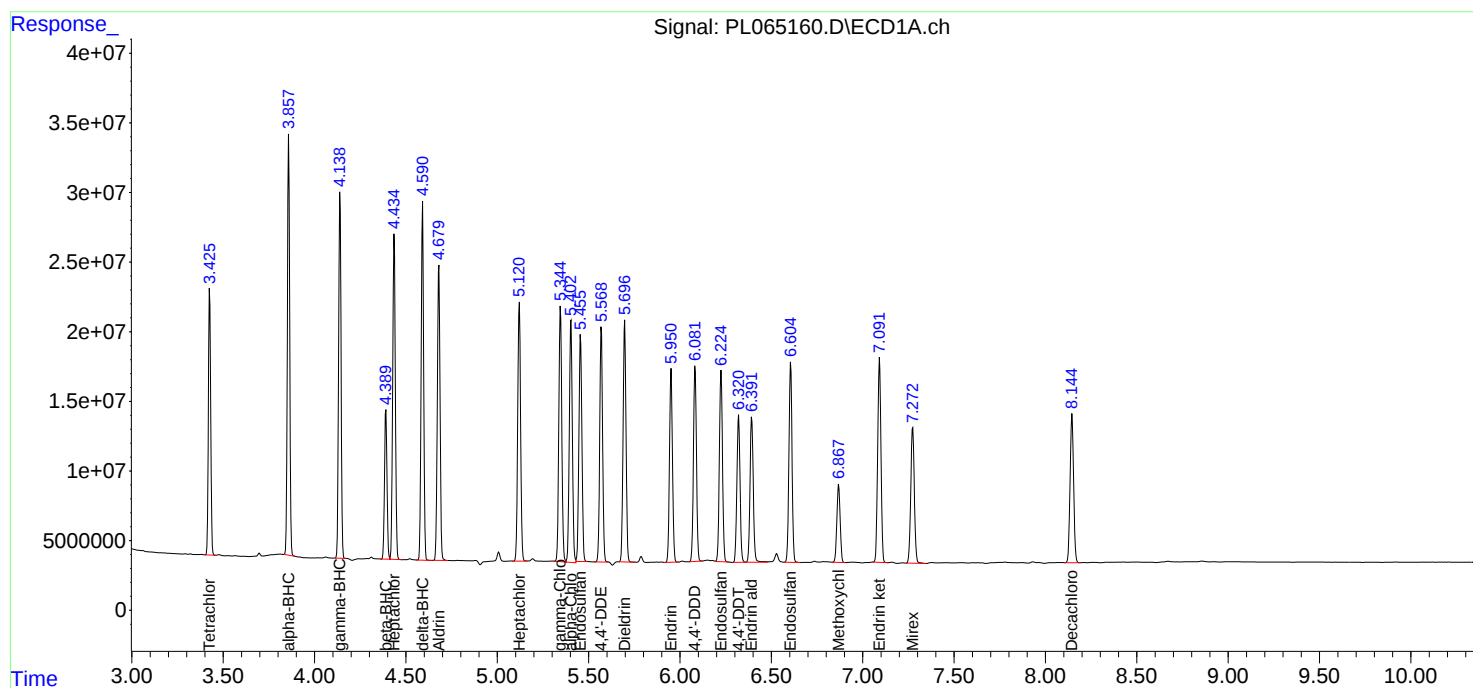
Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

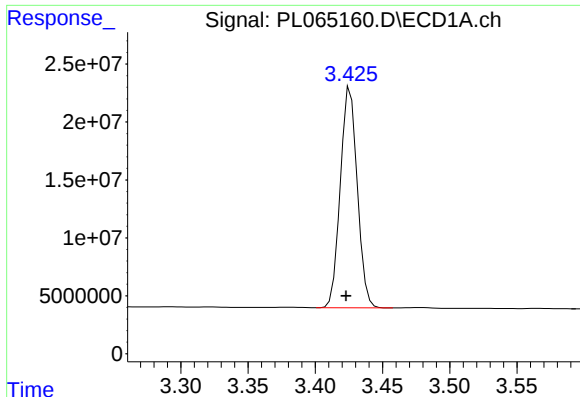
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 10 06:17:09 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL030521.M  
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 Integrator: 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





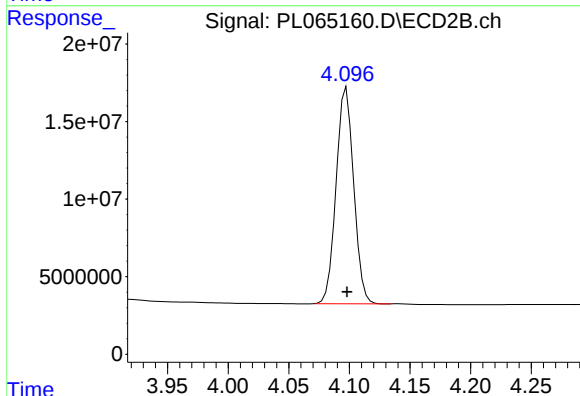
#1 Tetrachloro-m-xylene

R.T.: 3.426 min  
Delta R.T.: 0.003 min  
Response: 166537717  
Conc: 56.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

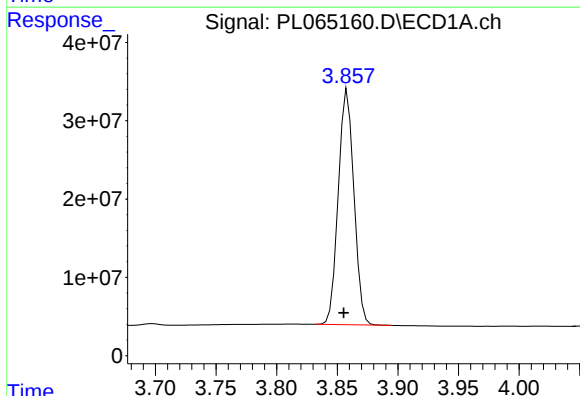
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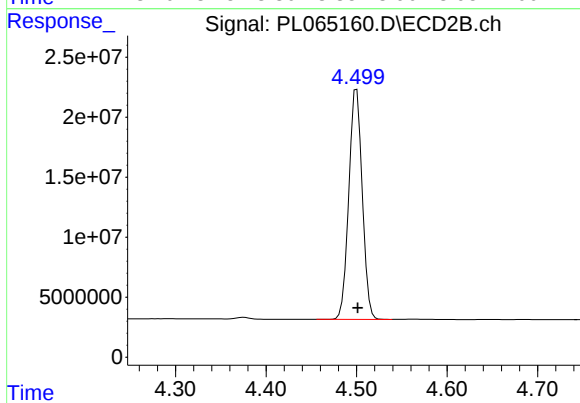
#1 Tetrachloro-m-xylene

R.T.: 4.098 min  
Delta R.T.: 0.000 min  
Response: 140267273  
Conc: 56.49 ng/ml



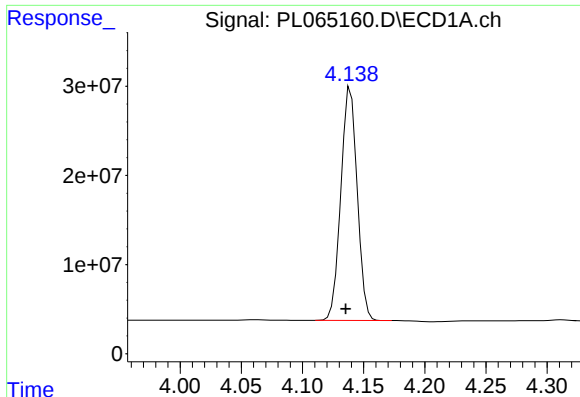
#2 alpha-BHC

R.T.: 3.859 min  
Delta R.T.: 0.003 min  
Response: 269172700  
Conc: 57.10 ng/ml



#2 alpha-BHC

R.T.: 4.500 min  
Delta R.T.: -0.001 min  
Response: 198463612  
Conc: 58.29 ng/ml



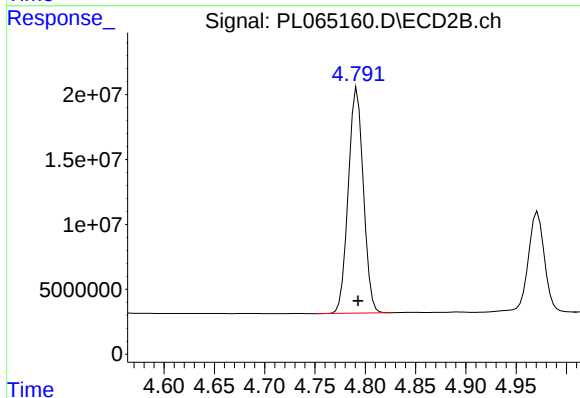
#3 gamma-BHC (Lindane)

R.T.: 4.139 min  
Delta R.T.: 0.004 min  
Response: 243385729  
Conc: 56.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

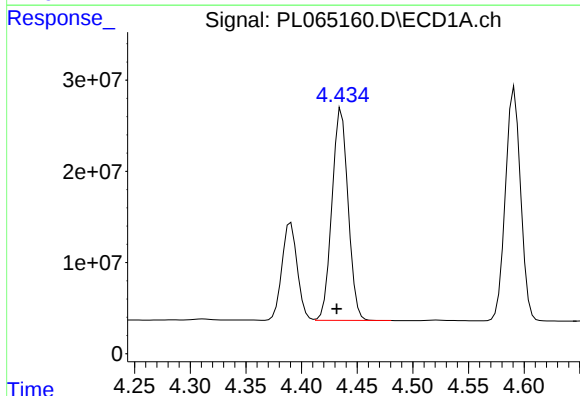
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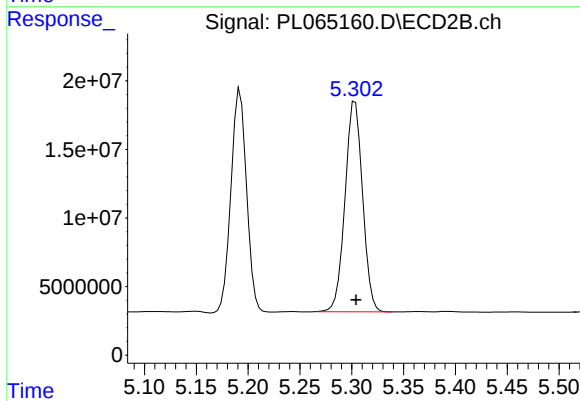
#3 gamma-BHC (Lindane)

R.T.: 4.792 min  
Delta R.T.: -0.001 min  
Response: 180609593  
Conc: 57.16 ng/ml



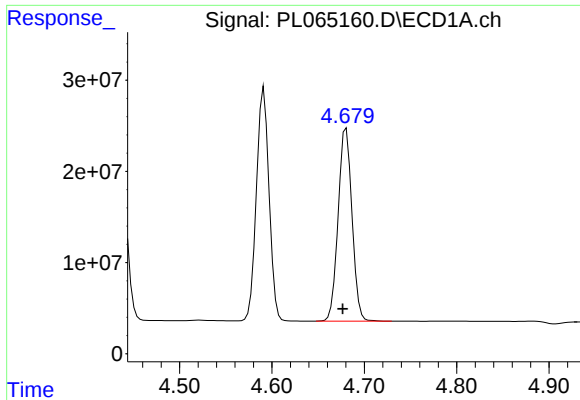
#4 Heptachlor

R.T.: 4.436 min  
Delta R.T.: 0.004 min  
Response: 234371991  
Conc: 53.28 ng/ml



#4 Heptachlor

R.T.: 5.303 min  
Delta R.T.: 0.000 min  
Response: 180983562  
Conc: 53.53 ng/ml



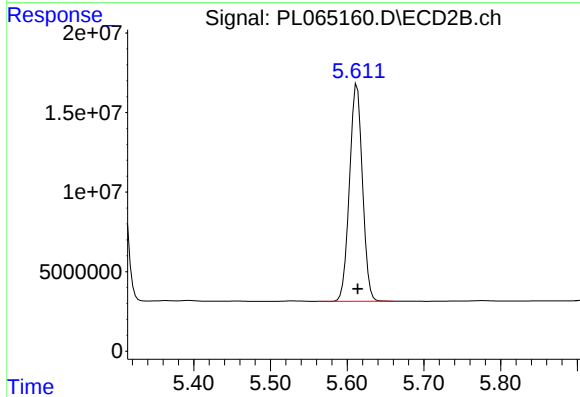
#5 Aldrin

R.T.: 4.680 min  
Delta R.T.: 0.004 min  
Response: 220599004  
Conc: 54.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

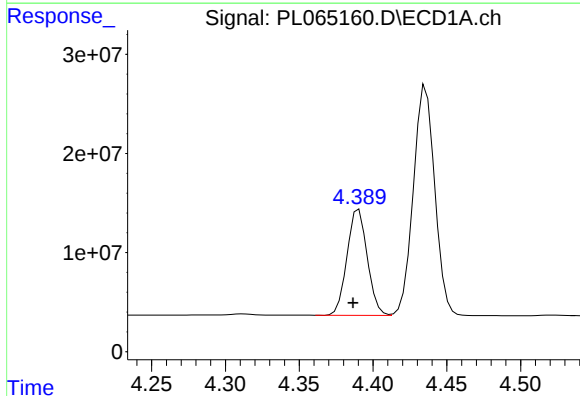
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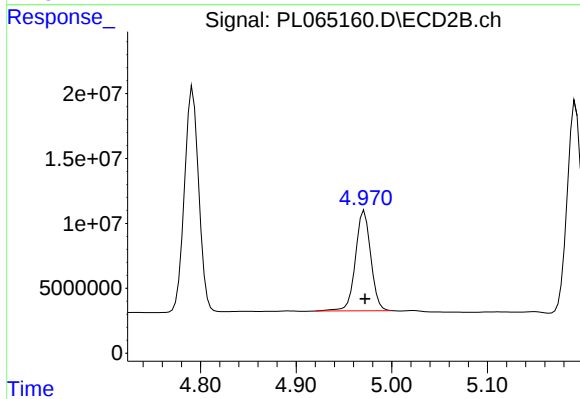
#5 Aldrin

R.T.: 5.613 min  
Delta R.T.: -0.001 min  
Response: 161612402  
Conc: 54.71 ng/ml



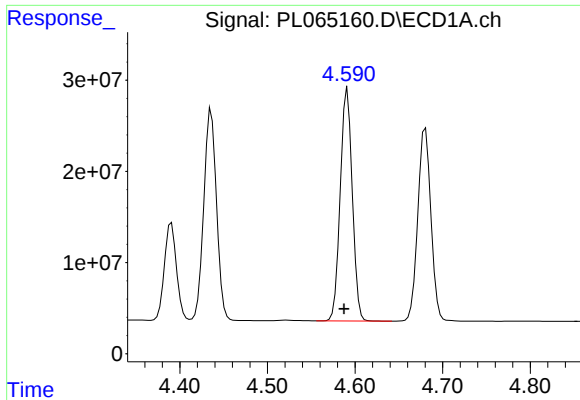
#6 beta-BHC

R.T.: 4.390 min  
Delta R.T.: 0.004 min  
Response: 102096930  
Conc: 54.66 ng/ml



#6 beta-BHC

R.T.: 4.971 min  
Delta R.T.: 0.000 min  
Response: 85951267  
Conc: 56.21 ng/ml



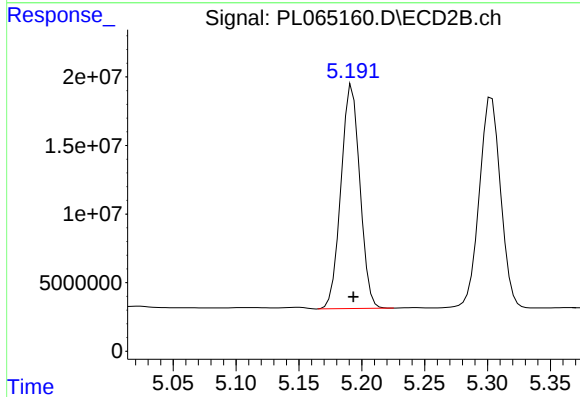
#7 delta-BHC

R.T.: 4.591 min  
Delta R.T.: 0.004 min  
Response: 243516419  
Conc: 55.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

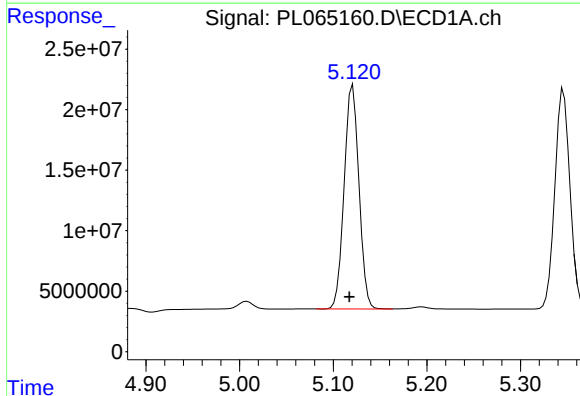
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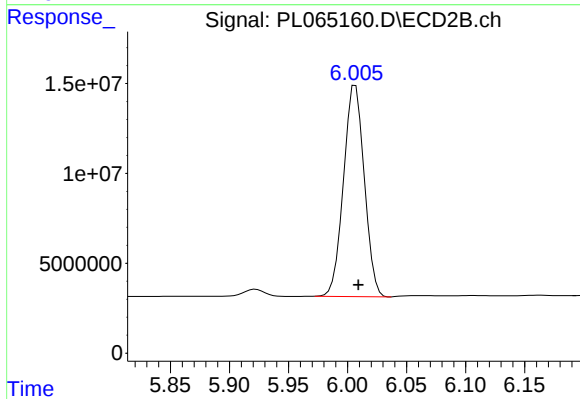
#7 delta-BHC

R.T.: 5.192 min  
Delta R.T.: -0.001 min  
Response: 170724399  
Conc: 56.37 ng/ml



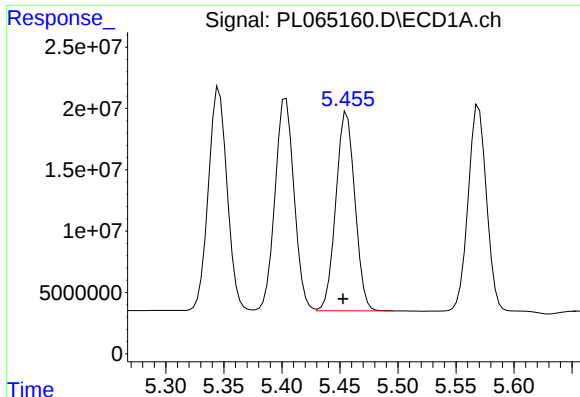
#8 Heptachlor epoxide

R.T.: 5.121 min  
Delta R.T.: 0.004 min  
Response: 203395160  
Conc: 53.50 ng/ml



#8 Heptachlor epoxide

R.T.: 6.007 min  
Delta R.T.: -0.003 min  
Response: 144057476  
Conc: 59.49 ng/ml



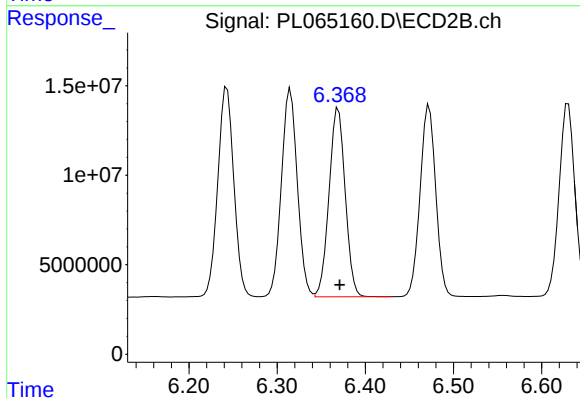
#9 Endosulfan I

R.T.: 5.455 min  
Delta R.T.: 0.002 min  
Response: 185421903  
Conc: 51.85 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

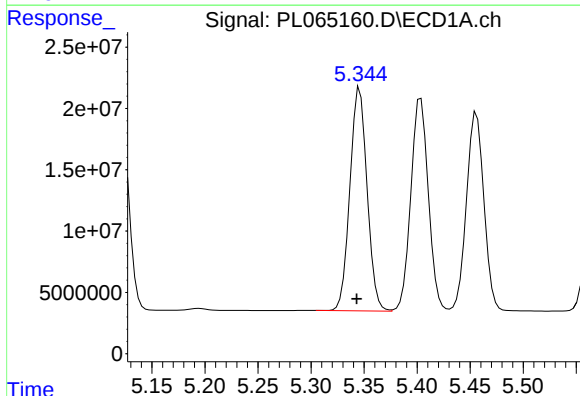
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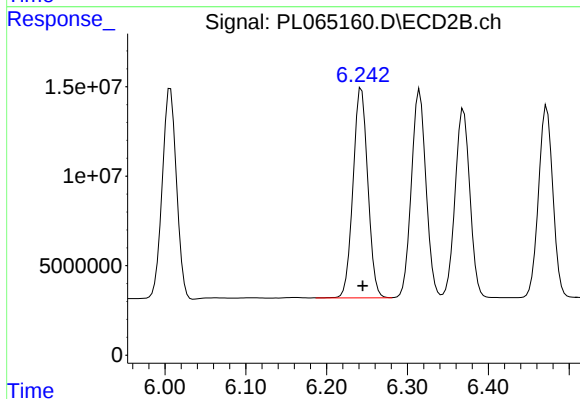
#9 Endosulfan I

R.T.: 6.369 min  
Delta R.T.: -0.002 min  
Response: 134531759  
Conc: 52.99 ng/ml



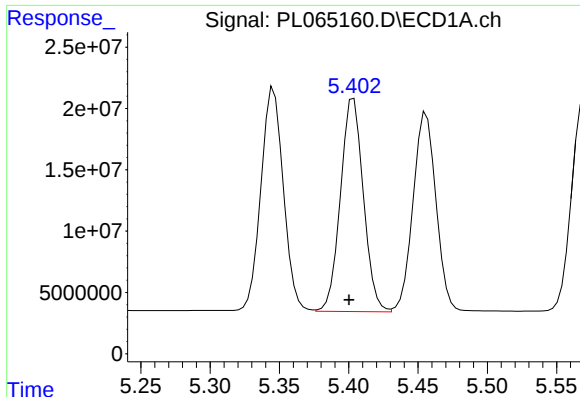
#10 gamma-Chlordane

R.T.: 5.346 min  
Delta R.T.: 0.003 min  
Response: 204967474  
Conc: 52.34 ng/ml



#10 gamma-Chlordane

R.T.: 6.243 min  
Delta R.T.: -0.002 min  
Response: 148803644  
Conc: 53.06 ng/ml



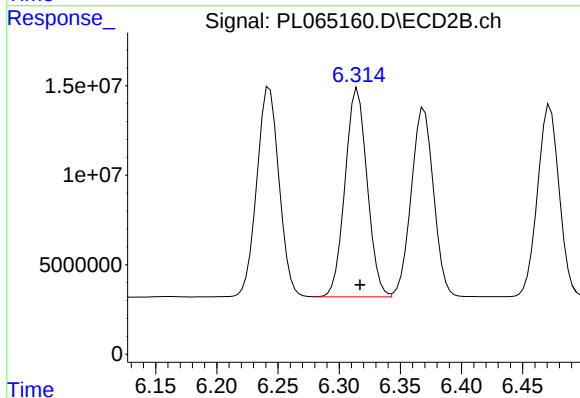
#11 alpha-Chlordane

R.T.: 5.404 min  
Delta R.T.: 0.003 min  
Response: 200433248  
Conc: 52.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

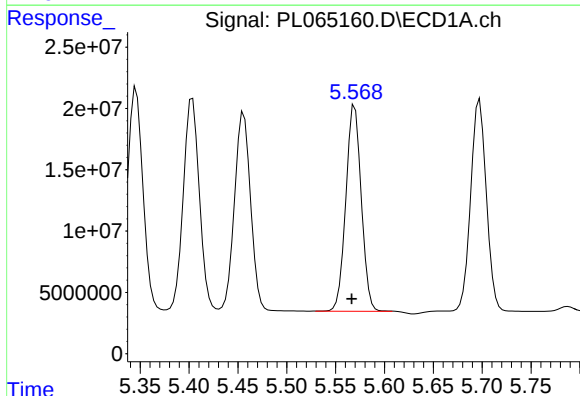
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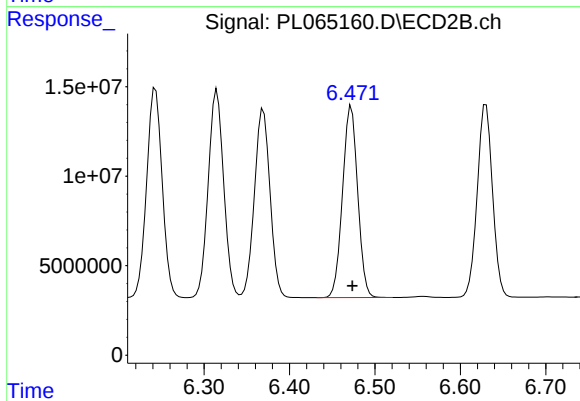
#11 alpha-Chlordane

R.T.: 6.315 min  
Delta R.T.: -0.002 min  
Response: 146243227  
Conc: 52.91 ng/ml



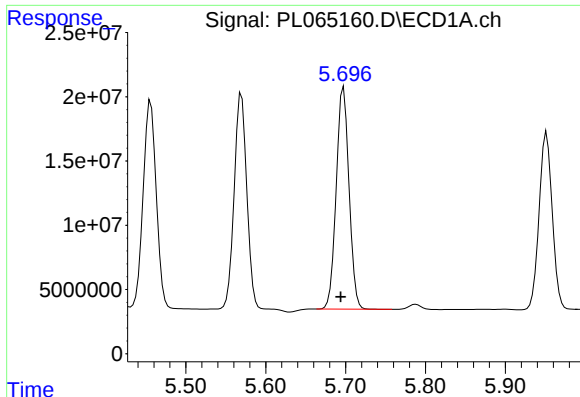
#12 4,4'-DDE

R.T.: 5.568 min  
Delta R.T.: 0.002 min  
Response: 184808081  
Conc: 51.42 ng/ml m



#12 4,4'-DDE

R.T.: 6.472 min  
Delta R.T.: -0.001 min  
Response: 132021582  
Conc: 52.81 ng/ml



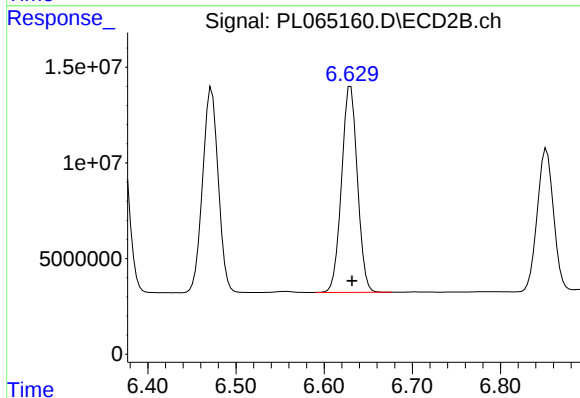
#13 Dieldrin

R.T.: 5.697 min  
Delta R.T.: 0.004 min  
Response: 192471839  
Conc: 52.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

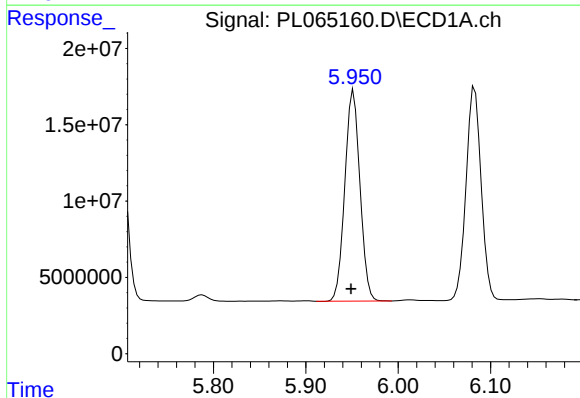
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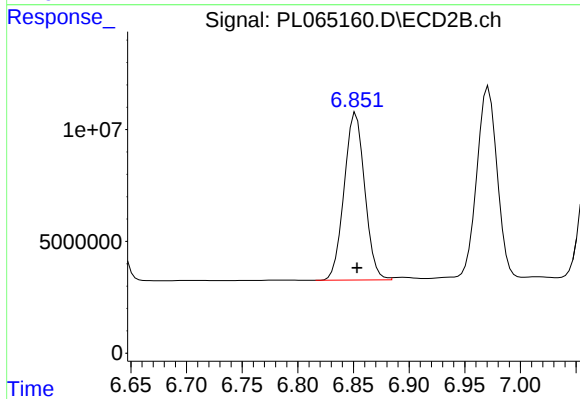
#13 Dieldrin

R.T.: 6.630 min  
Delta R.T.: -0.002 min  
Response: 134552970  
Conc: 52.53 ng/ml



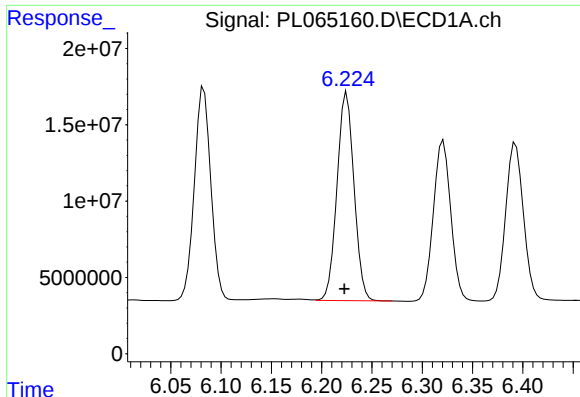
#14 Endrin

R.T.: 5.952 min  
Delta R.T.: 0.003 min  
Response: 156911488  
Conc: 45.71 ng/ml



#14 Endrin

R.T.: 6.852 min  
Delta R.T.: -0.001 min  
Response: 96172266  
Conc: 45.52 ng/ml



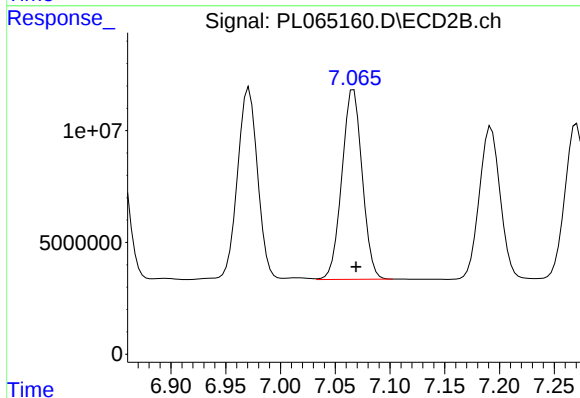
#15 Endosulfan II

R.T.: 6.225 min  
Delta R.T.: 0.002 min  
Response: 160095597  
Conc: 51.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

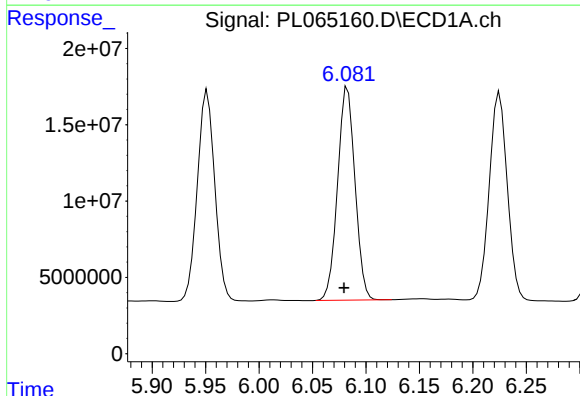
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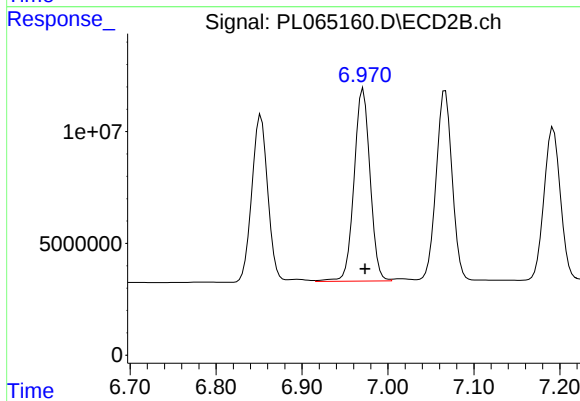
#15 Endosulfan II

R.T.: 7.067 min  
Delta R.T.: -0.002 min  
Response: 109810161  
Conc: 51.74 ng/ml



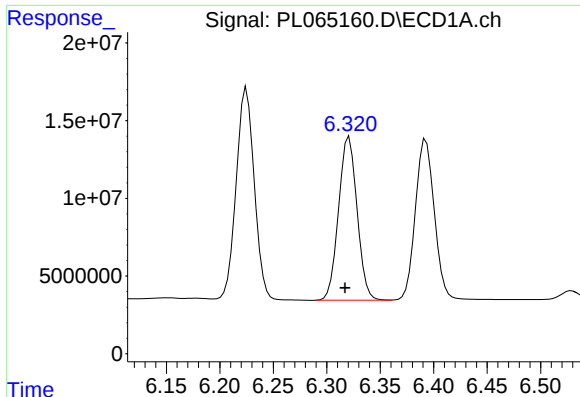
#16 4,4'-DDD

R.T.: 6.083 min  
Delta R.T.: 0.003 min  
Response: 158607103  
Conc: 53.28 ng/ml



#16 4,4'-DDD

R.T.: 6.971 min  
Delta R.T.: -0.002 min  
Response: 111343953  
Conc: 55.18 ng/ml



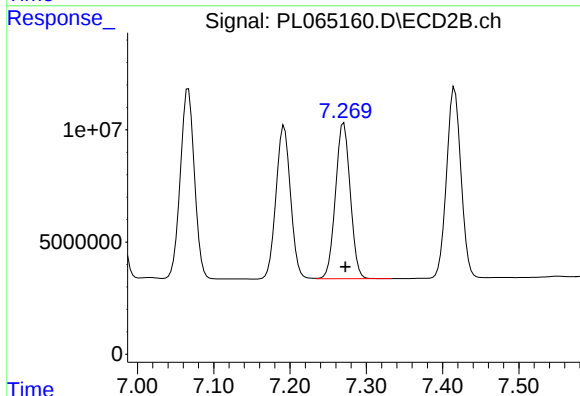
#17 4,4'-DDT

R.T.: 6.321 min  
Delta R.T.: 0.004 min  
Response: 126889019  
Conc: 45.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

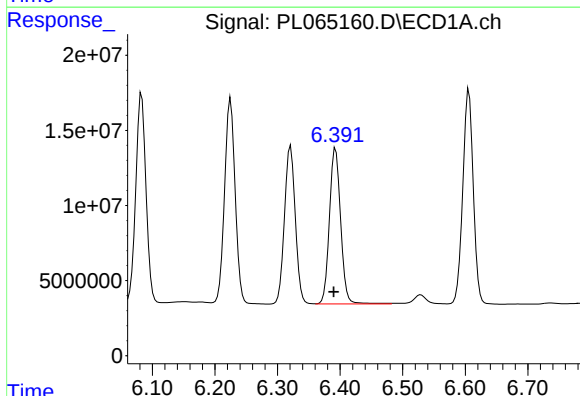
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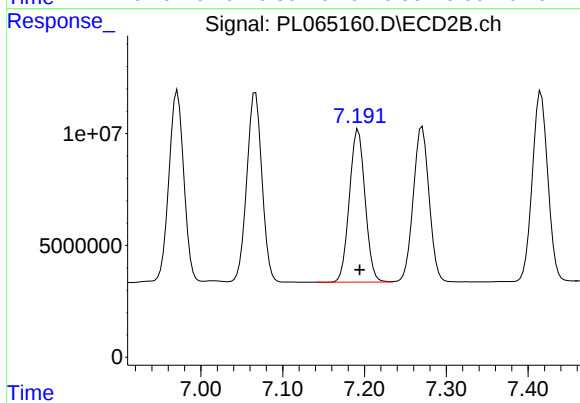
#17 4,4'-DDT

R.T.: 7.271 min  
Delta R.T.: -0.002 min  
Response: 93180855  
Conc: 47.54 ng/ml



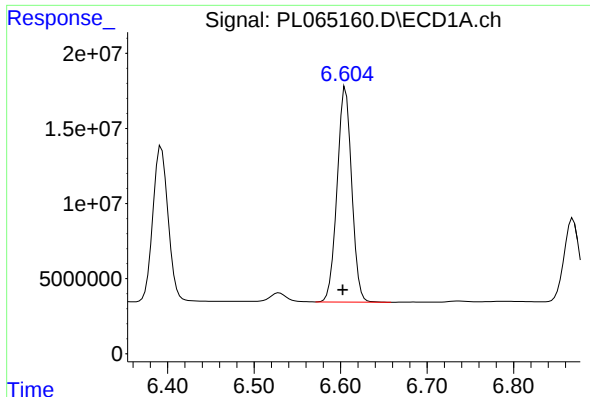
#18 Endrin aldehyde

R.T.: 6.393 min  
Delta R.T.: 0.003 min  
Response: 129529329  
Conc: 50.52 ng/ml



#18 Endrin aldehyde

R.T.: 7.192 min  
Delta R.T.: -0.002 min  
Response: 90595693  
Conc: 51.21 ng/ml



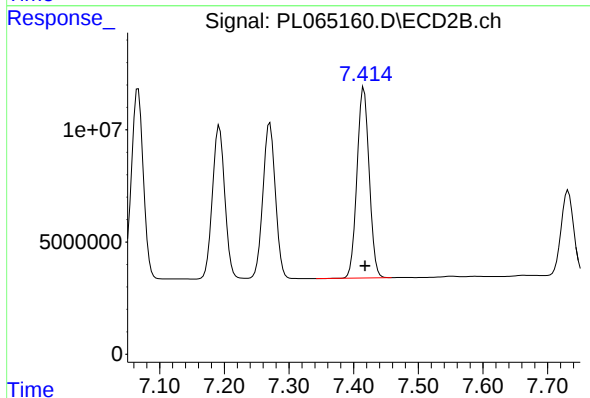
#19 Endosulfan Sulfate

R.T.: 6.606 min  
Delta R.T.: 0.003 min  
Response: 166554157  
Conc: 49.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

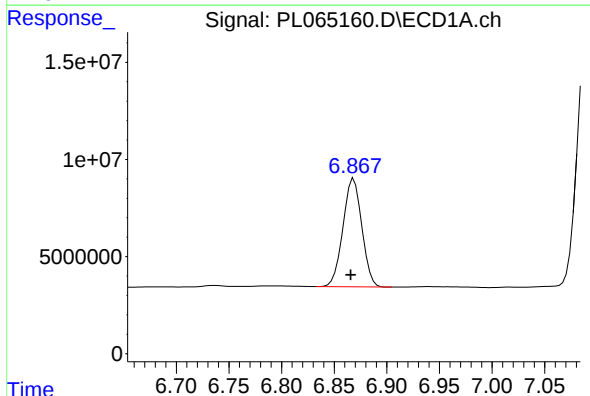
Manual Integrations  
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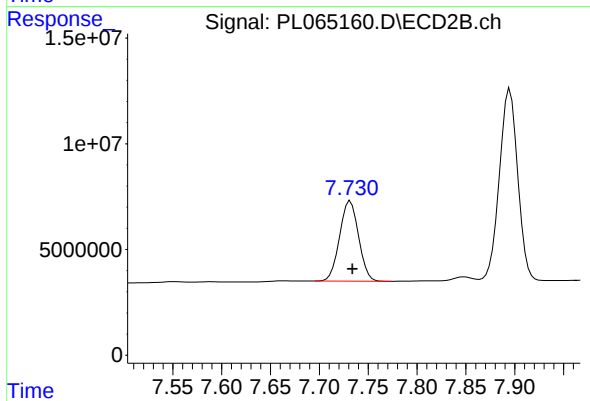
#19 Endosulfan Sulfate

R.T.: 7.416 min  
Delta R.T.: -0.002 min  
Response: 111309000  
Conc: 51.11 ng/ml



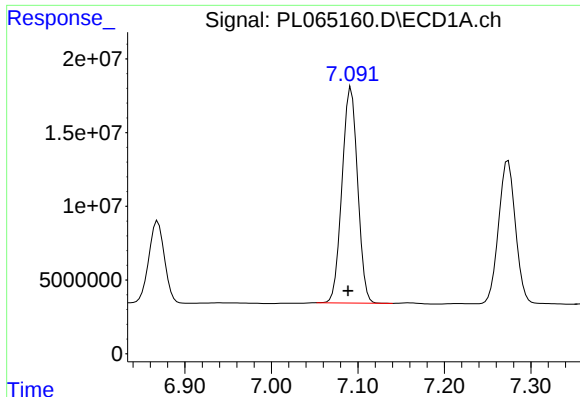
#20 Methoxychlor

R.T.: 6.869 min  
Delta R.T.: 0.003 min  
Response: 69861047  
Conc: 44.25 ng/ml



#20 Methoxychlor

R.T.: 7.732 min  
Delta R.T.: -0.002 min  
Response: 51335983  
Conc: 46.32 ng/ml



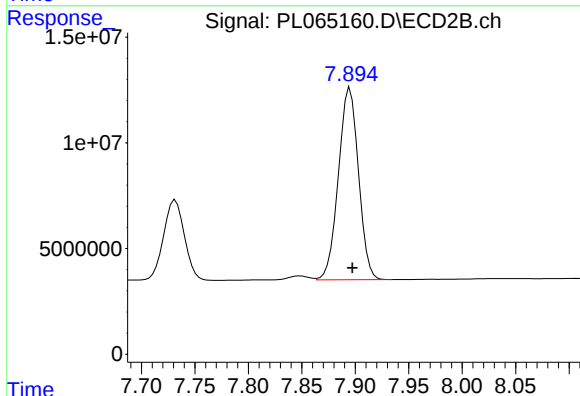
#21 Endrin ketone

R.T.: 7.092 min  
Delta R.T.: 0.004 min  
Response: 182024792  
Conc: 52.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

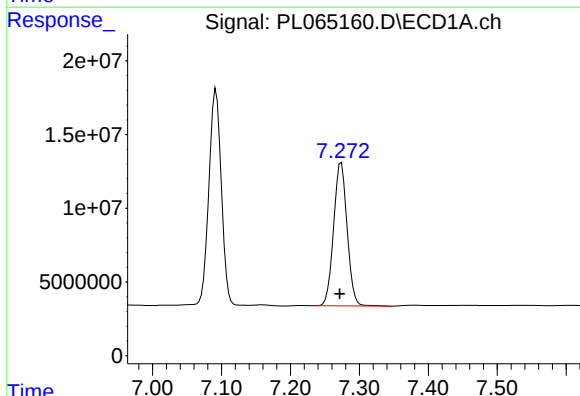
Manual Integrations  
APPROVED

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3/10/2021 10:13:48 AM



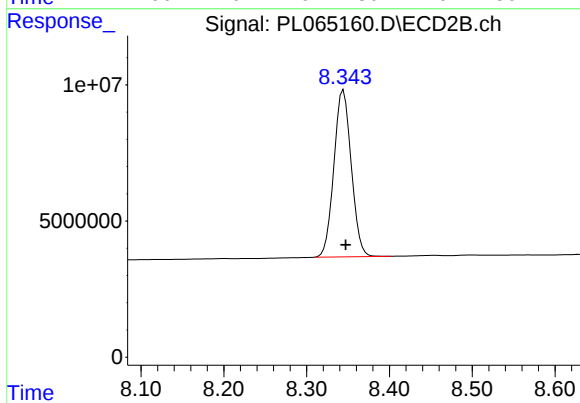
#21 Endrin ketone

R.T.: 7.895 min  
Delta R.T.: -0.002 min  
Response: 118835151  
Conc: 55.59 ng/ml



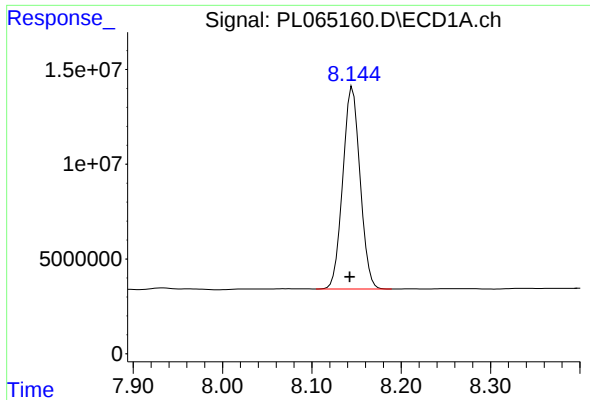
#22 Mirex

R.T.: 7.274 min  
Delta R.T.: 0.002 min  
Response: 132099147  
Conc: 49.27 ng/ml



#22 Mirex

R.T.: 8.344 min  
Delta R.T.: -0.003 min  
Response: 89162538  
Conc: 52.72 ng/ml



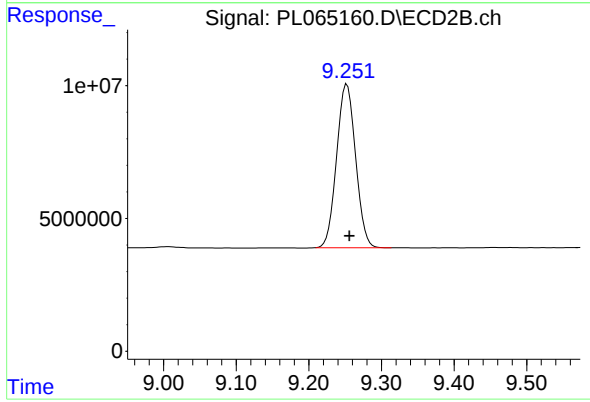
#28 Decachlorobiphenyl

R.T.: 8.146 min  
Delta R.T.: 0.003 min  
Response: 143296339  
Conc: 51.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

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#28 Decachlorobiphenyl

R.T.: 9.252 min  
Delta R.T.: -0.004 min  
Response: 112020796  
Conc: 51.00 ng/ml