

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL030621\  
 Data File : PL065086.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 Mar 2021 10:16  
 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 05 13:35:51 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... | 3.431 | 4.100 | 163.4E6  | 131.7E6  | 55.583 | 53.035  |
| 28)                         | SA Decachlor... | 8.156 | 9.263 | 161.3E6  | 114.9E6  | 58.113 | 52.315  |
| Target Compounds            |                 |       |       |          |          |        |         |
| 2)                          | A alpha-BHC     | 3.864 | 4.503 | 263.7E6  | 188.6E6  | 55.951 | 55.410  |
| 3)                          | MA gamma-BHC... | 4.145 | 4.795 | 236.7E6  | 170.0E6  | 54.691 | 53.788  |
| 4)                          | MA Heptachlor   | 4.442 | 5.307 | 238.9E6  | 175.4E6  | 54.314 | 51.861  |
| 5)                          | MB Aldrin       | 4.688 | 5.617 | 225.0E6  | 154.0E6  | 55.092 | 52.126  |
| 6)                          | B beta-BHC      | 4.397 | 4.975 | 95669785 | 77370215 | 51.222 | 50.602  |
| 7)                          | B delta-BHC     | 4.599 | 5.196 | 233.4E6  | 151.8E6  | 53.463 | 50.117  |
| 8)                          | B Heptachlo...  | 5.129 | 6.012 | 204.5E6  | 134.7E6  | 53.788 | 55.623  |
| 9)                          | A Endosulfan I  | 5.465 | 6.374 | 191.3E6  | 129.6E6  | 53.482 | 51.035  |
| 10)                         | B gamma-Chl...  | 5.355 | 6.248 | 208.5E6  | 142.1E6  | 53.240 | 50.682  |
| 11)                         | B alpha-Chl...  | 5.413 | 6.321 | 203.2E6  | 140.0E6  | 53.030 | 50.652  |
| 12)                         | B 4,4'-DDE      | 5.579 | 6.478 | 192.2E6  | 128.5E6  | 53.480 | 51.390  |
| 13)                         | MA Dieldrin     | 5.707 | 6.635 | 197.0E6  | 130.1E6  | 53.249 | 50.775  |
| 14)                         | MA Endrin       | 5.962 | 6.857 | 175.9E6  | 106.4E6  | 51.240 | 50.364  |
| 15)                         | B Endosulfa...  | 6.235 | 7.072 | 161.4E6  | 106.1E6  | 51.426 | 49.974  |
| 16)                         | A 4,4'-DDD      | 6.093 | 6.977 | 152.8E6  | 103.9E6  | 51.336 | 51.496  |
| 17)                         | MA 4,4'-DDT     | 6.331 | 7.277 | 146.1E6  | 100.8E6  | 52.403 | 51.429  |
| 18)                         | B Endrin al...  | 6.403 | 7.196 | 130.5E6  | 87587764 | 50.917 | 49.506m |
| 19)                         | B Endosulfa...  | 6.615 | 7.421 | 168.6E6  | 108.4E6  | 49.893 | 49.763m |
| 20)                         | A Methoxychlor  | 6.879 | 7.737 | 78978690 | 56201830 | 50.027 | 50.706m |
| 21)                         | B Endrin ke...  | 7.102 | 7.901 | 178.6E6  | 111.9E6  | 51.757 | 52.335  |
| 22)                         | Mirex           | 7.284 | 8.352 | 139.2E6  | 86577220 | 51.934 | 51.189  |
| -----                       |                 |       |       |          |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL030621\  
Data File : PL065086.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 05 Mar 2021 10:16  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

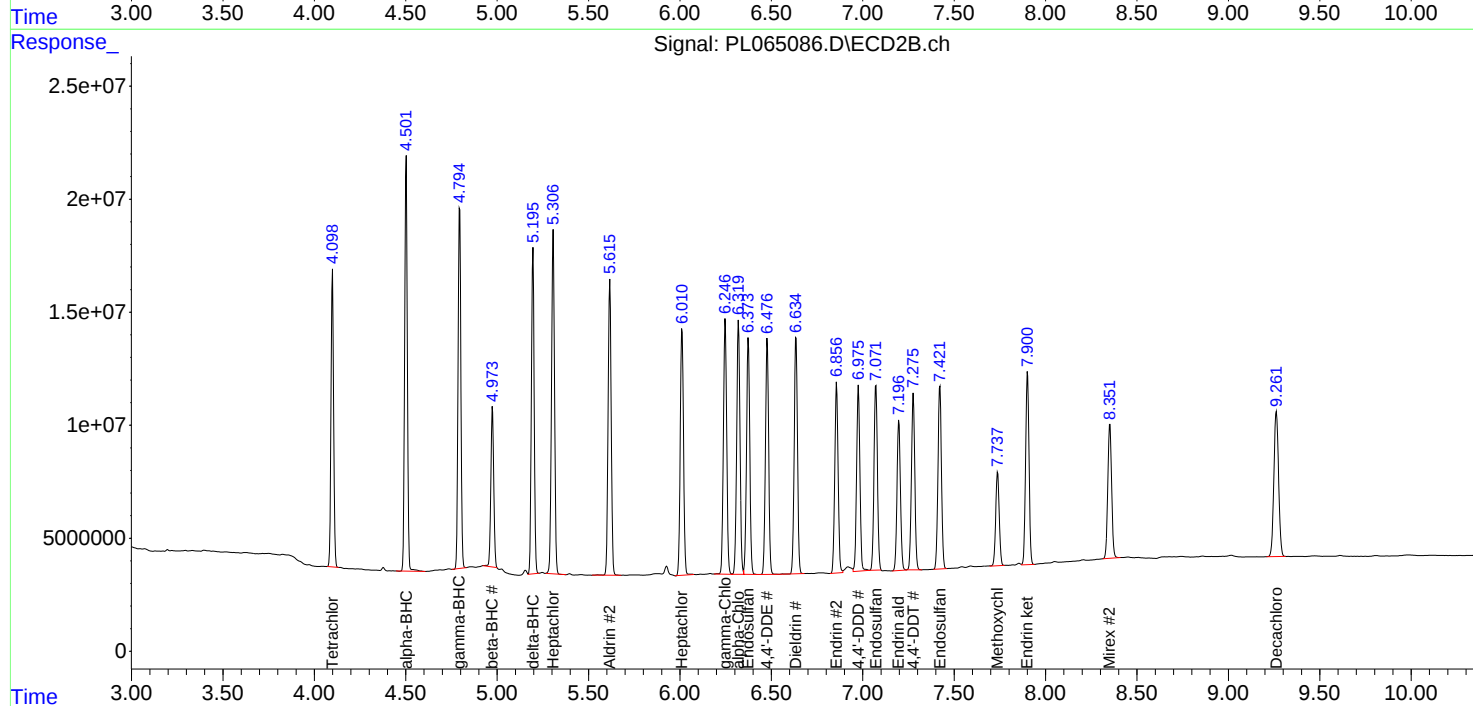
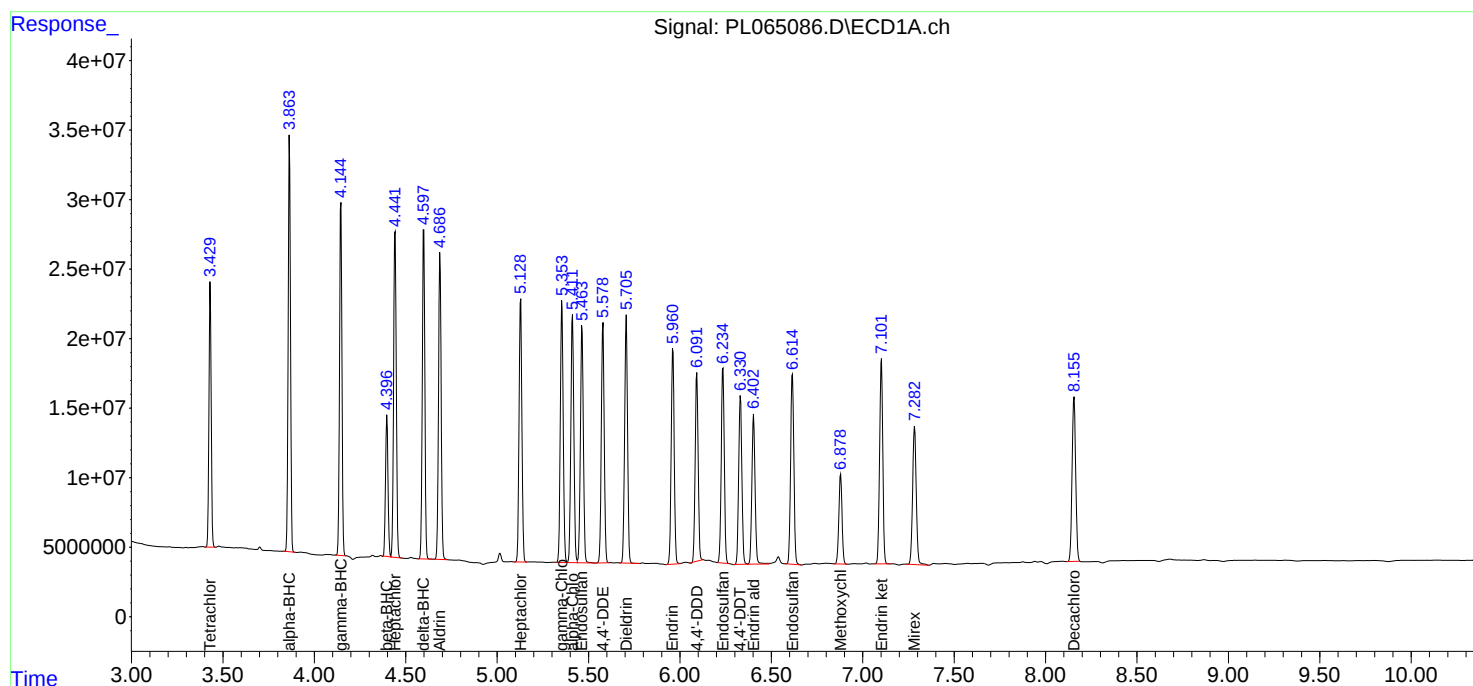
Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

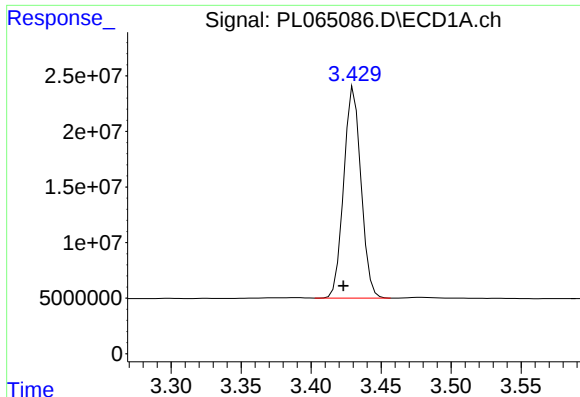
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 05 13:35:51 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL030521.M  
Quant Title : GC Extractables  
QLast Update : Fri Mar 05 02:26:14 2021  
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





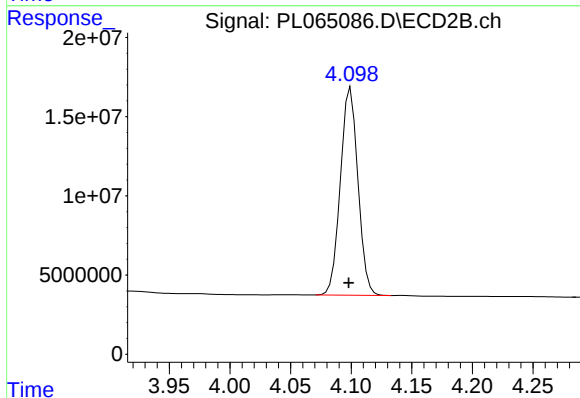
#1 Tetrachloro-m-xylene

R.T.: 3.431 min  
Delta R.T.: 0.008 min  
Response: 163439169  
Conc: 55.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

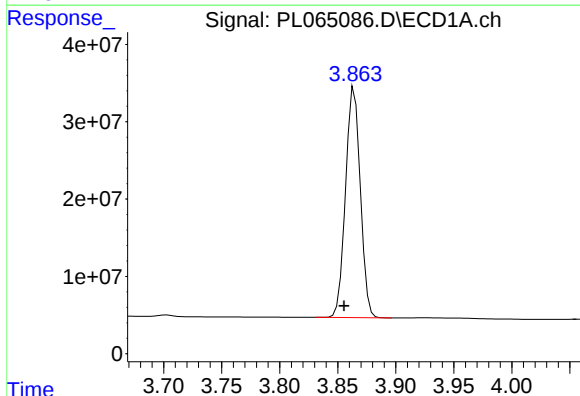
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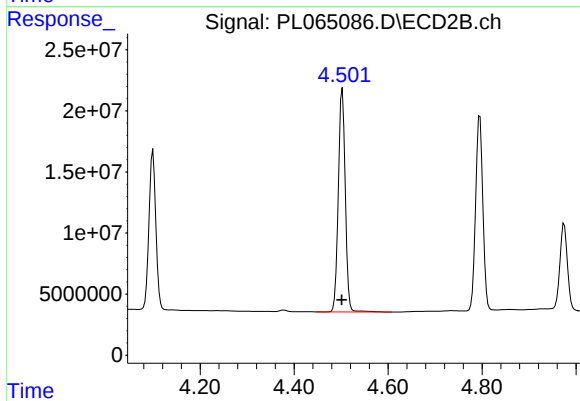
#1 Tetrachloro-m-xylene

R.T.: 4.100 min  
Delta R.T.: 0.002 min  
Response: 131698199  
Conc: 53.04 ng/ml



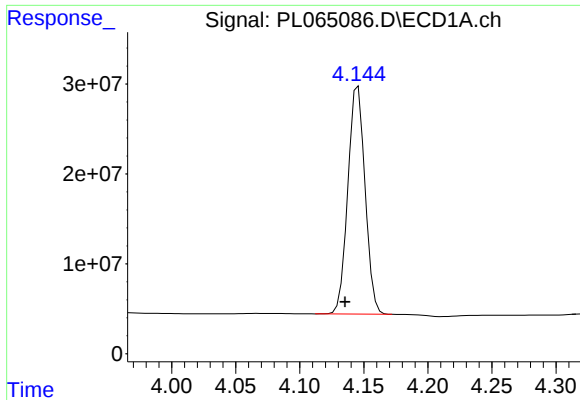
#2 alpha-BHC

R.T.: 3.864 min  
Delta R.T.: 0.009 min  
Response: 263747681  
Conc: 55.95 ng/ml



#2 alpha-BHC

R.T.: 4.503 min  
Delta R.T.: 0.002 min  
Response: 188649844  
Conc: 55.41 ng/ml



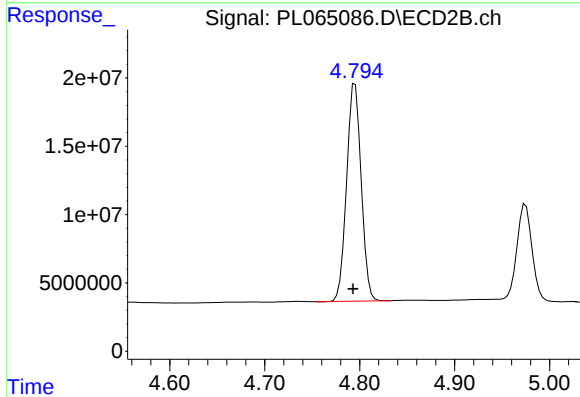
#3 gamma-BHC (Lindane)

R.T.: 4.145 min  
Delta R.T.: 0.010 min  
Response: 236712257  
Conc: 54.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

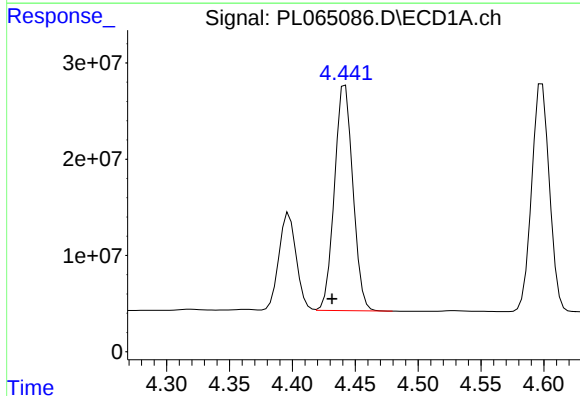
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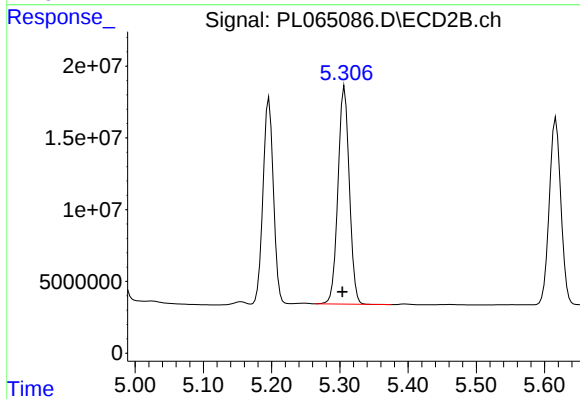
#3 gamma-BHC (Lindane)

R.T.: 4.795 min  
Delta R.T.: 0.002 min  
Response: 169954765  
Conc: 53.79 ng/ml



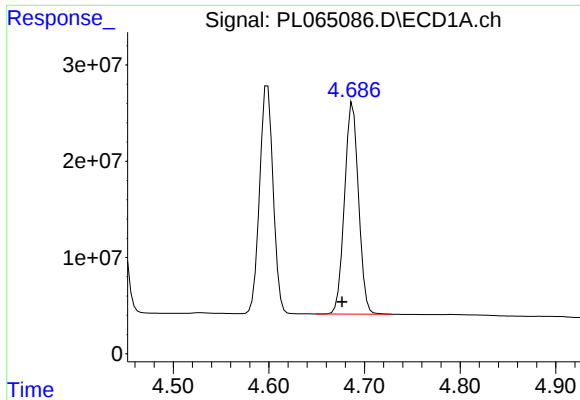
#4 Heptachlor

R.T.: 4.442 min  
Delta R.T.: 0.010 min  
Response: 238925618  
Conc: 54.31 ng/ml



#4 Heptachlor

R.T.: 5.307 min  
Delta R.T.: 0.003 min  
Response: 175352007  
Conc: 51.86 ng/ml



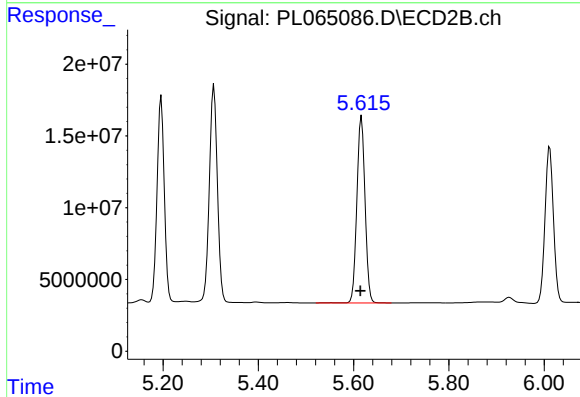
#5 Aldrin

R.T.: 4.688 min  
Delta R.T.: 0.011 min  
Response: 224957931  
Conc: 55.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

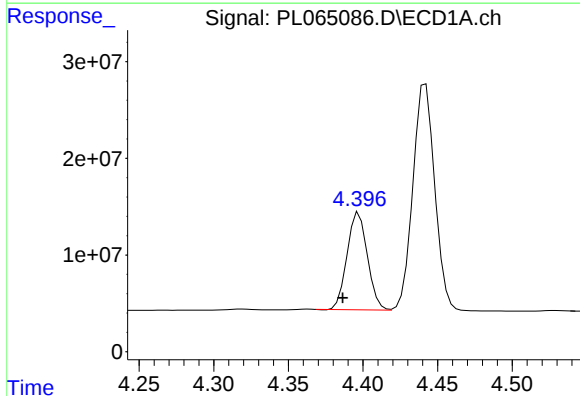
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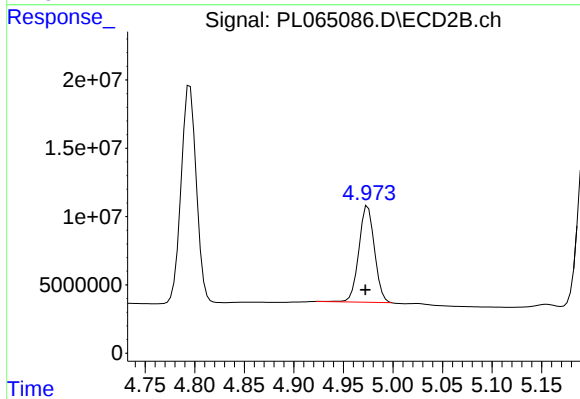
#5 Aldrin

R.T.: 5.617 min  
Delta R.T.: 0.003 min  
Response: 153972842  
Conc: 52.13 ng/ml



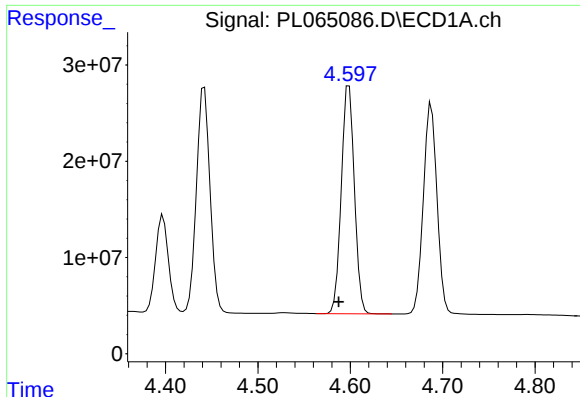
#6 beta-BHC

R.T.: 4.397 min  
Delta R.T.: 0.011 min  
Response: 95669785  
Conc: 51.22 ng/ml



#6 beta-BHC

R.T.: 4.975 min  
Delta R.T.: 0.003 min  
Response: 77370215  
Conc: 50.60 ng/ml



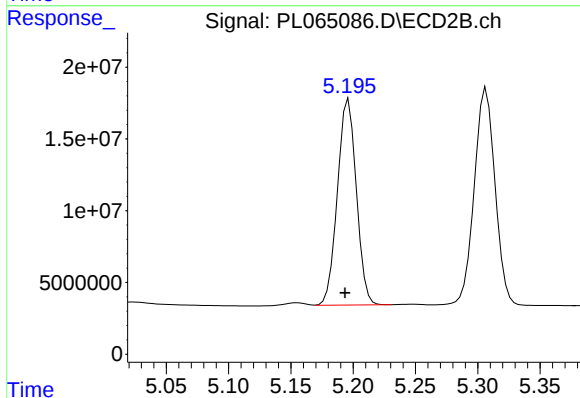
#7 delta-BHC

R.T.: 4.599 min  
Delta R.T.: 0.011 min  
Response: 233443176  
Conc: 53.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

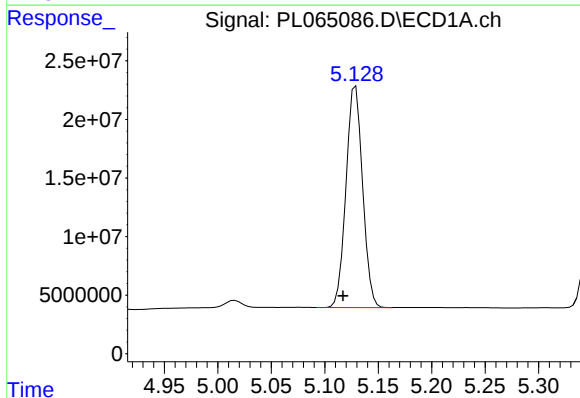
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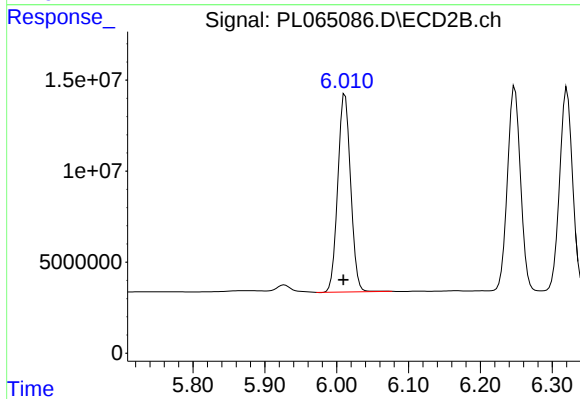
#7 delta-BHC

R.T.: 5.196 min  
Delta R.T.: 0.003 min  
Response: 151794032  
Conc: 50.12 ng/ml



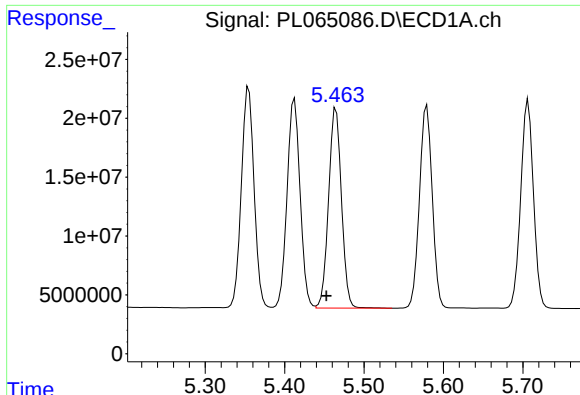
#8 Heptachlor epoxide

R.T.: 5.129 min  
Delta R.T.: 0.012 min  
Response: 204476043  
Conc: 53.79 ng/ml



#8 Heptachlor epoxide

R.T.: 6.012 min  
Delta R.T.: 0.002 min  
Response: 134698195  
Conc: 55.62 ng/ml



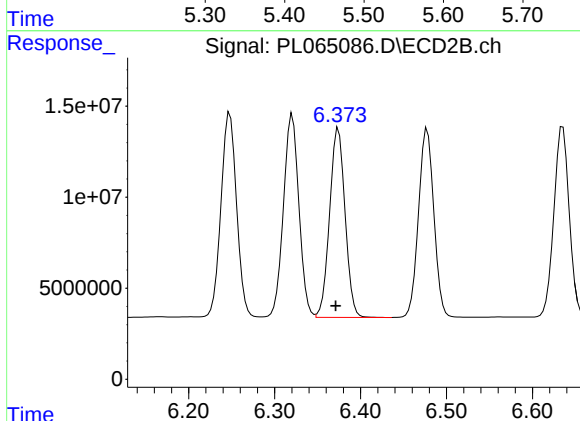
#9 Endosulfan I

R.T.: 5.465 min  
Delta R.T.: 0.012 min  
Response: 191260890  
Conc: 53.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

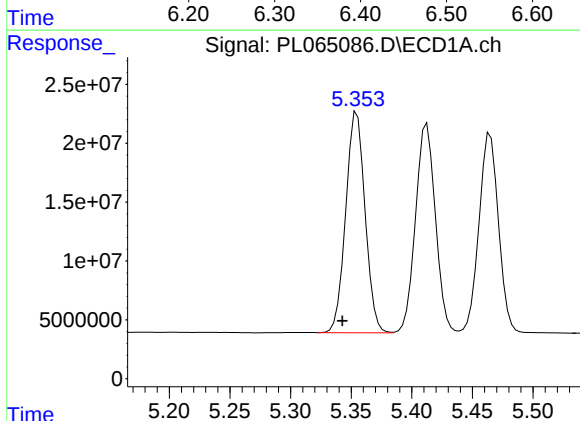
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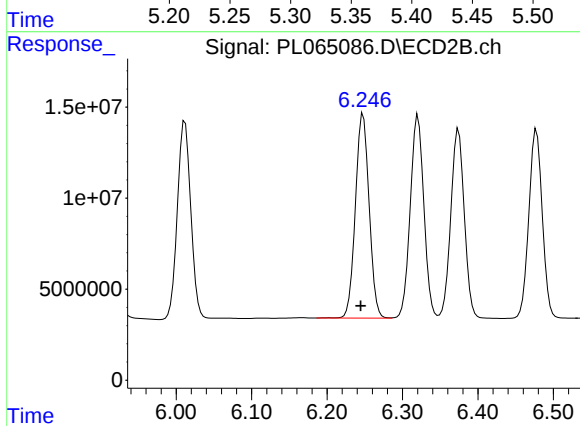
#9 Endosulfan I

R.T.: 6.374 min  
Delta R.T.: 0.003 min  
Response: 129557617  
Conc: 51.03 ng/ml



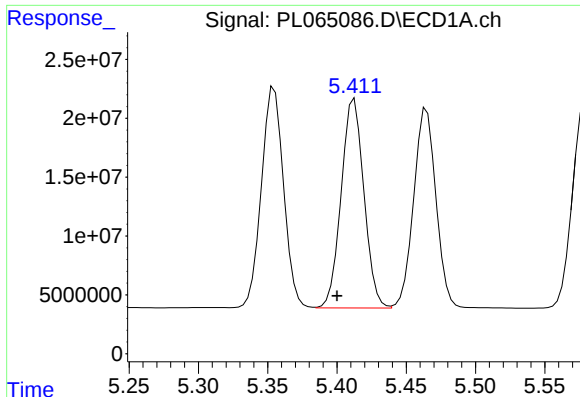
#10 gamma-Chlordane

R.T.: 5.355 min  
Delta R.T.: 0.012 min  
Response: 208487099  
Conc: 53.24 ng/ml



#10 gamma-Chlordane

R.T.: 6.248 min  
Delta R.T.: 0.003 min  
Response: 142131335  
Conc: 50.68 ng/ml



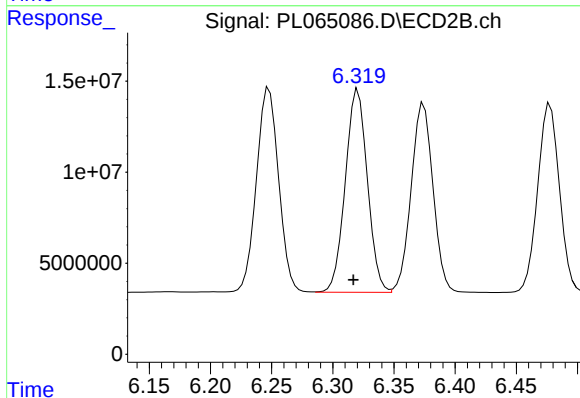
#11 alpha-Chlordane

R.T.: 5.413 min  
Delta R.T.: 0.012 min  
Response: 203214873  
Conc: 53.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

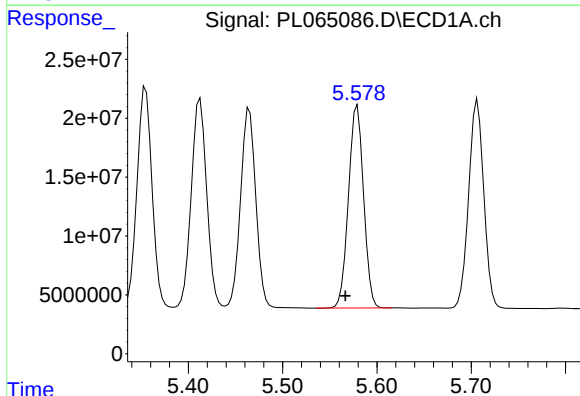
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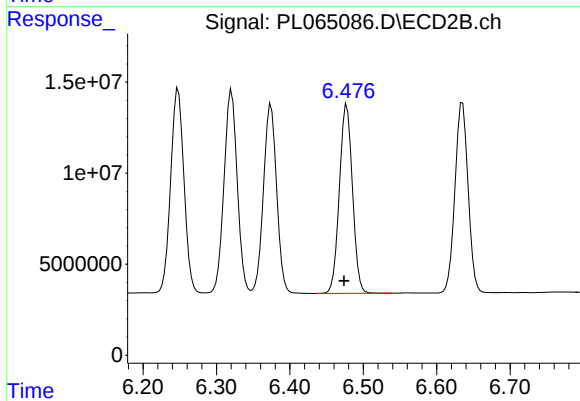
#11 alpha-Chlordane

R.T.: 6.321 min  
Delta R.T.: 0.003 min  
Response: 140001040  
Conc: 50.65 ng/ml



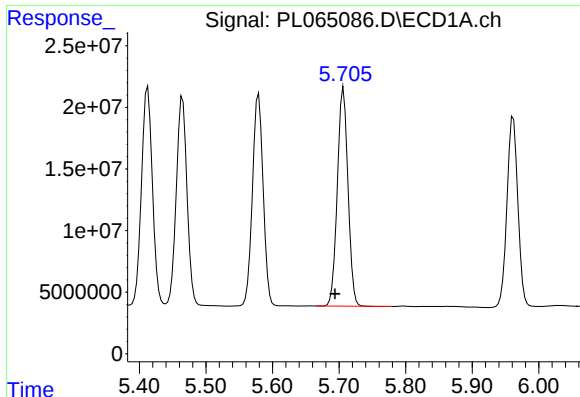
#12 4,4'-DDE

R.T.: 5.579 min  
Delta R.T.: 0.013 min  
Response: 192222714  
Conc: 53.48 ng/ml



#12 4,4'-DDE

R.T.: 6.478 min  
Delta R.T.: 0.004 min  
Response: 128474483  
Conc: 51.39 ng/ml



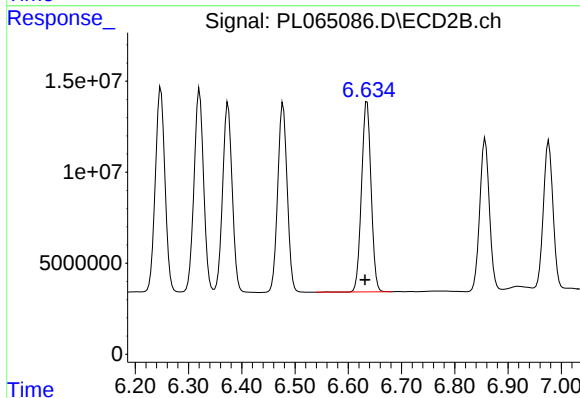
#13 Dieldrin

R.T.: 5.707 min  
Delta R.T.: 0.013 min  
Response: 196963243  
Conc: 53.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

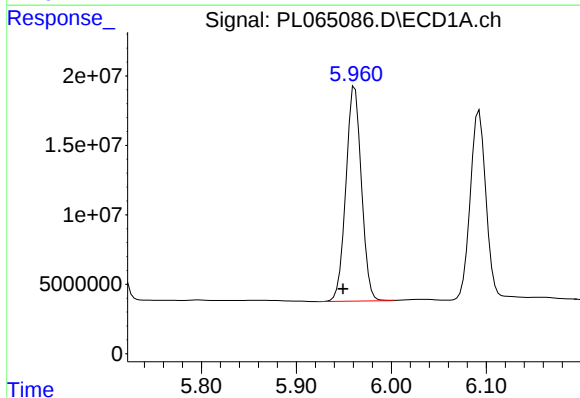
Manual Integrations  
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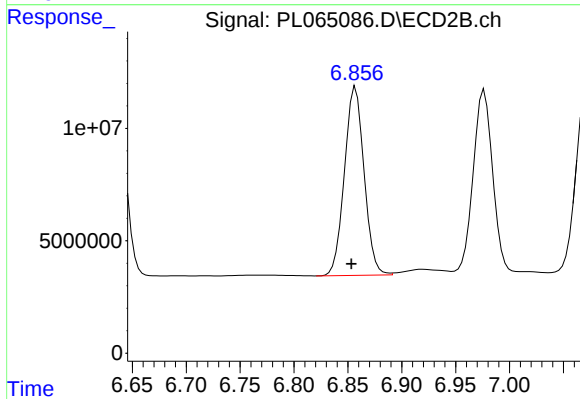
#13 Dieldrin

R.T.: 6.635 min  
Delta R.T.: 0.004 min  
Response: 130060446  
Conc: 50.78 ng/ml



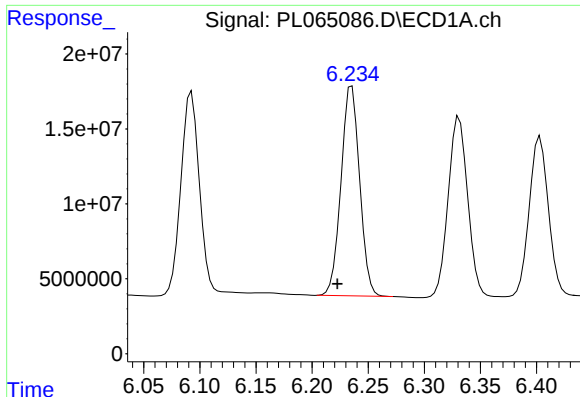
#14 Endrin

R.T.: 5.962 min  
Delta R.T.: 0.013 min  
Response: 175885909  
Conc: 51.24 ng/ml



#14 Endrin

R.T.: 6.857 min  
Delta R.T.: 0.004 min  
Response: 106396309  
Conc: 50.36 ng/ml



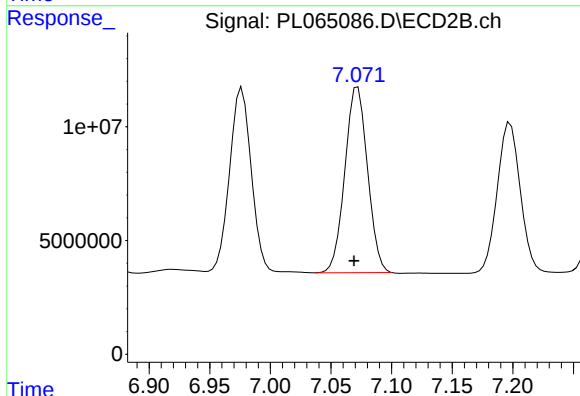
#15 Endosulfan II

R.T.: 6.235 min  
Delta R.T.: 0.013 min  
Response: 161407015  
Conc: 51.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

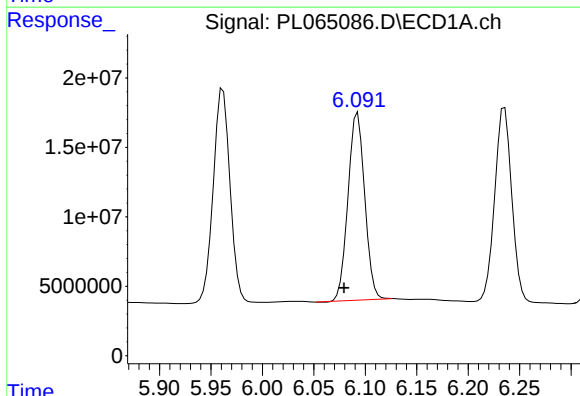
Manual Integrations  
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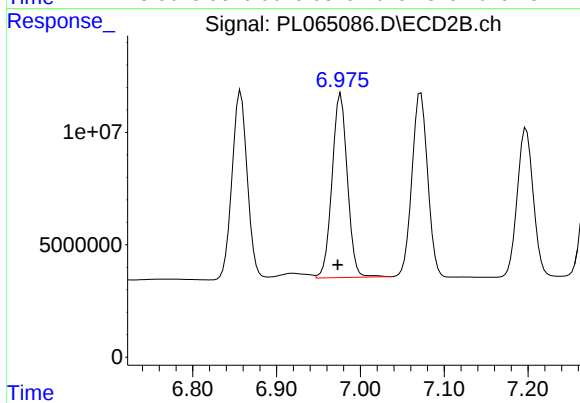
#15 Endosulfan II

R.T.: 7.072 min  
Delta R.T.: 0.003 min  
Response: 106052658  
Conc: 49.97 ng/ml



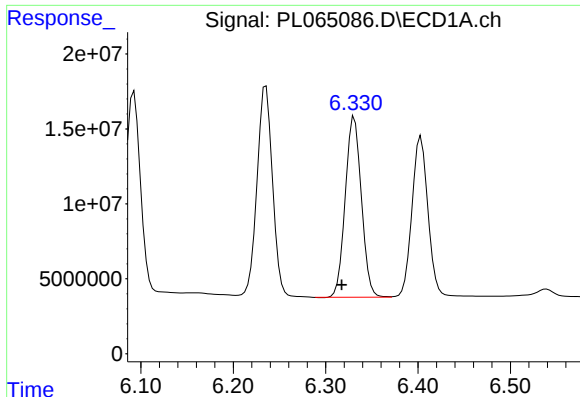
#16 4,4'-DDD

R.T.: 6.093 min  
Delta R.T.: 0.013 min  
Response: 152822651  
Conc: 51.34 ng/ml



#16 4,4'-DDD

R.T.: 6.977 min  
Delta R.T.: 0.003 min  
Response: 103900990  
Conc: 51.50 ng/ml



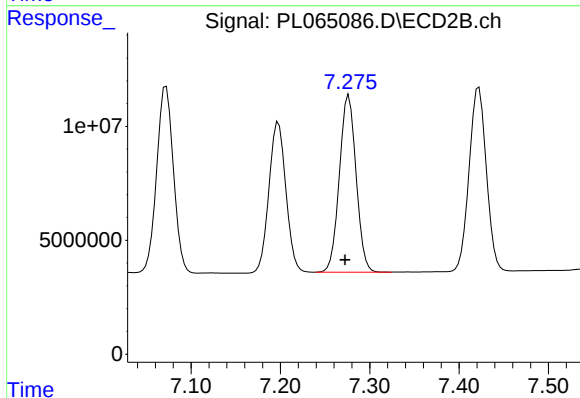
#17 4,4'-DDT

R.T.: 6.331 min  
Delta R.T.: 0.014 min  
Response: 146094040  
Conc: 52.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

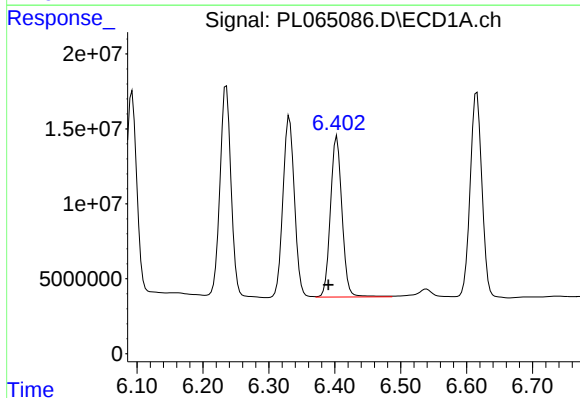
Manual Integrations  
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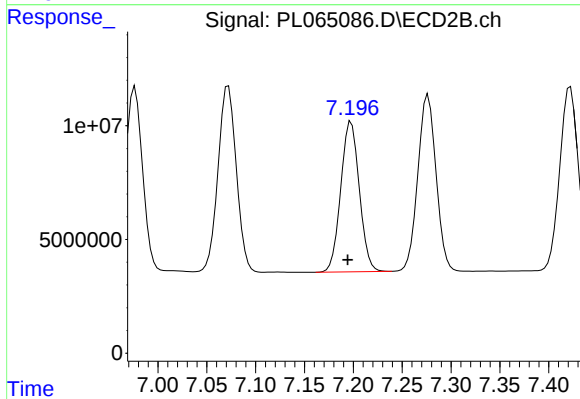
#17 4,4'-DDT

R.T.: 7.277 min  
Delta R.T.: 0.004 min  
Response: 100799940  
Conc: 51.43 ng/ml



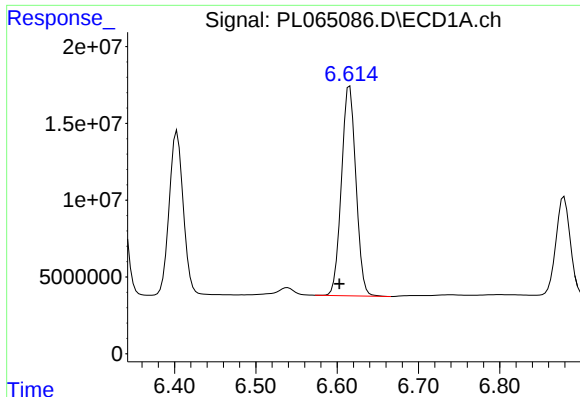
#18 Endrin aldehyde

R.T.: 6.403 min  
Delta R.T.: 0.013 min  
Response: 130533884  
Conc: 50.92 ng/ml



#18 Endrin aldehyde

R.T.: 7.196 min  
Delta R.T.: 0.002 min  
Response: 87587764  
Conc: 49.51 ng/ml m



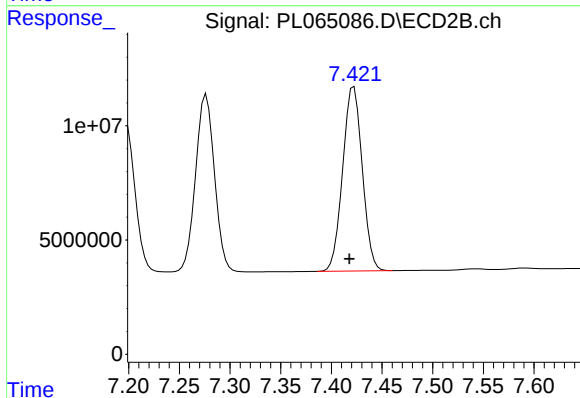
#19 Endosulfan Sulfate

R.T.: 6.615 min  
Delta R.T.: 0.013 min  
Response: 168649829  
Conc: 49.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

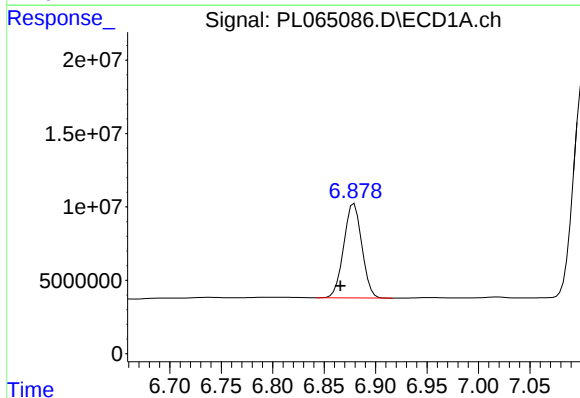
Manual Integrations  
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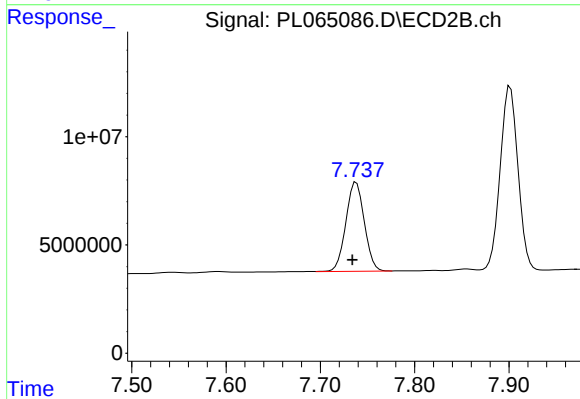
#19 Endosulfan Sulfate

R.T.: 7.421 min  
Delta R.T.: 0.003 min  
Response: 108367345  
Conc: 49.76 ng/ml m



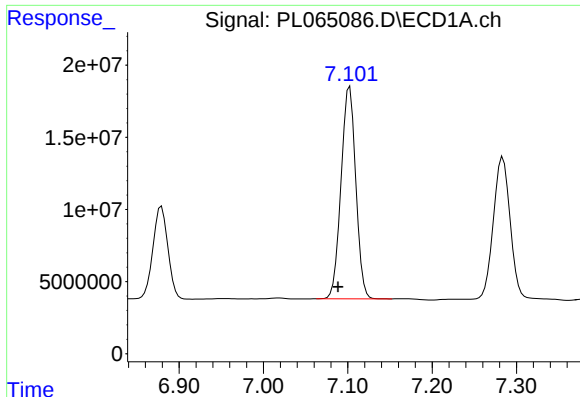
#20 Methoxychlor

R.T.: 6.879 min  
Delta R.T.: 0.014 min  
Response: 78978690  
Conc: 50.03 ng/ml



#20 Methoxychlor

R.T.: 7.737 min  
Delta R.T.: 0.003 min  
Response: 56201830  
Conc: 50.71 ng/ml m



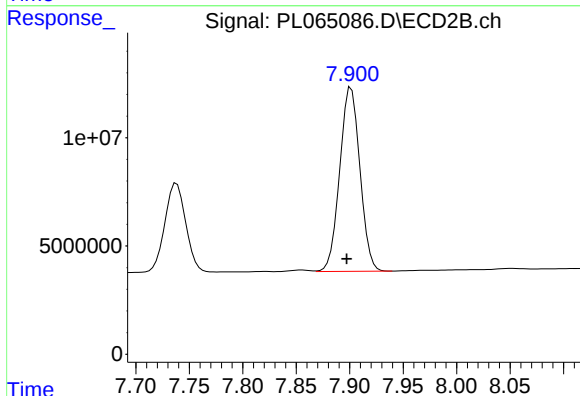
#21 Endrin ketone

R.T.: 7.102 min  
Delta R.T.: 0.014 min  
Response: 178636115  
Conc: 51.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

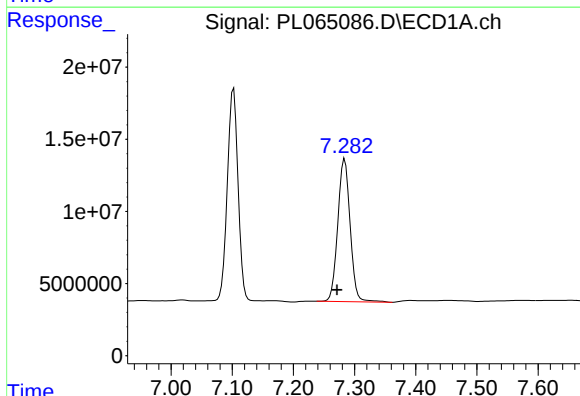
Manual Integrations  
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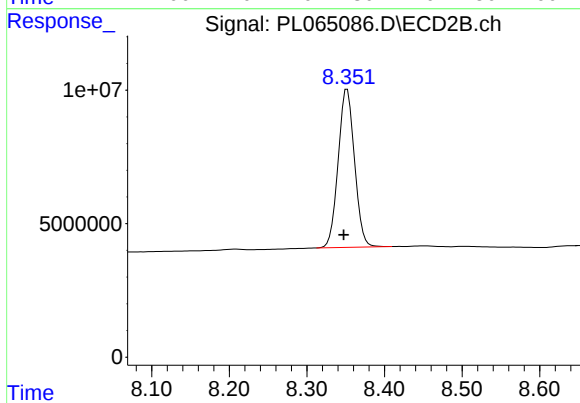
#21 Endrin ketone

R.T.: 7.901 min  
Delta R.T.: 0.004 min  
Response: 111871197  
Conc: 52.33 ng/ml



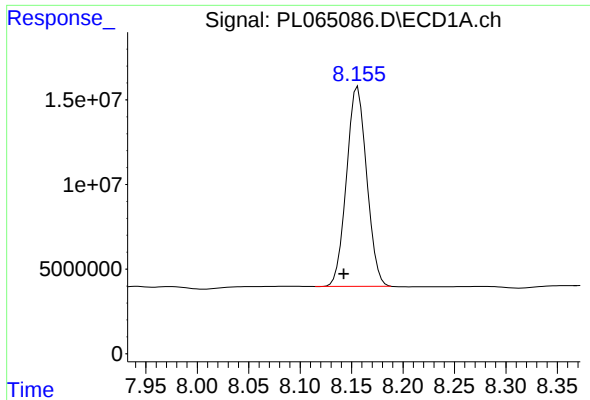
#22 Mirex

R.T.: 7.284 min  
Delta R.T.: 0.012 min  
Response: 139233930  
Conc: 51.93 ng/ml



#22 Mirex

R.T.: 8.352 min  
Delta R.T.: 0.005 min  
Response: 86577220  
Conc: 51.19 ng/ml



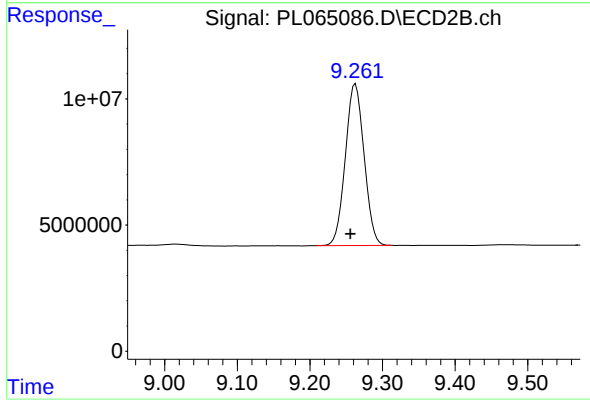
#28 Decachlorobiphenyl

R.T.: 8.156 min  
Delta R.T.: 0.014 min  
Response: 161270318  
Conc: 58.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
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#28 Decachlorobiphenyl

R.T.: 9.263 min  
Delta R.T.: 0.007 min  
Response: 114910607  
Conc: 52.31 ng/ml