

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL032019\  
 Data File : PL046189.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 Mar 2019 10:45  
 Operator : AJ\SJ  
 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 20 13:06:51 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL022719.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Feb 27 17:00:03 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... | 3.362 | 3.979 | 355.6E6 | 108.9E6  | 51.689  | 50.854  |
| 28)                         | SA Decachlor... | 8.040 | 9.032 | 406.7E6 | 112.8E6  | 48.599  | 49.380  |
| Target Compounds            |                 |       |       |         |          |         |         |
| 2)                          | A alpha-BHC     | 3.792 | 4.369 | 589.5E6 | 163.3E6  | 53.070  | 53.748  |
| 3)                          | MA gamma-BHC... | 4.069 | 4.651 | 515.0E6 | 151.2E6  | 50.950  | 53.531m |
| 4)                          | MA Heptachlor   | 4.356 | 5.159 | 542.5E6 | 156.4E6  | 51.412  | 52.587  |
| 5)                          | MB Aldrin       | 4.596 | 5.463 | 519.5E6 | 144.3E6  | 53.410  | 53.409  |
| 6)                          | B beta-BHC      | 4.321 | 4.825 | 222.6E6 | 66478590 | 51.939  | 52.347  |
| 7)                          | B delta-BHC     | 4.517 | 5.041 | 527.7E6 | 123.1E6  | 55.208  | 57.253  |
| 8)                          | B Heptachlo...  | 5.033 | 5.849 | 486.3E6 | 124.4E6  | 52.103  | 51.805  |
| 9)                          | A Endosulfan I  | 5.365 | 6.205 | 474.7E6 | 130.4E6  | 53.104  | 52.346  |
| 10)                         | B gamma-Chl...  | 5.255 | 6.083 | 510.1E6 | 139.9E6  | 52.123m | 52.148  |
| 11)                         | B alpha-Chl...  | 5.313 | 6.156 | 494.0E6 | 140.6E6  | 50.948  | 52.101  |
| 12)                         | B 4,4'-DDE      | 5.480 | 6.314 | 466.1E6 | 129.6E6  | 53.092  | 55.478  |
| 13)                         | MA Dieldrin     | 5.605 | 6.461 | 513.3E6 | 138.8E6  | 53.706  | 54.003m |
| 14)                         | MA Endrin       | 5.858 | 6.680 | 474.2E6 | 119.6E6  | 52.658  | 52.578  |
| 15)                         | B Endosulfa...  | 6.132 | 6.889 | 454.6E6 | 122.8E6  | 52.440  | 52.231  |
| 16)                         | A 4,4'-DDD      | 5.991 | 6.803 | 392.9E6 | 106.9E6  | 53.665  | 55.573  |
| 17)                         | MA 4,4'-DDT     | 6.226 | 7.101 | 345.7E6 | 103.1E6  | 46.090  | 52.229  |
| 18)                         | B Endrin al...  | 6.299 | 7.013 | 370.9E6 | 102.6E6  | 50.743  | 50.172  |
| 19)                         | B Endosulfa...  | 6.510 | 7.236 | 402.6E6 | 116.6E6  | 49.531  | 51.843  |
| 20)                         | A Methoxychlor  | 6.770 | 7.560 | 192.8E6 | 58655232 | 43.907  | 47.788  |
| 21)                         | B Endrin ke...  | 6.993 | 7.705 | 473.8E6 | 126.1E6  | 51.434  | 53.020  |
| 22)                         | Mirex           | 7.170 | 8.157 | 336.9E6 | 95965901 | 45.278  | 48.183  |
| -----                       |                 |       |       |         |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL032019\  
Data File : PL046189.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 20 Mar 2019 10:45  
Operator : AJ\SJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

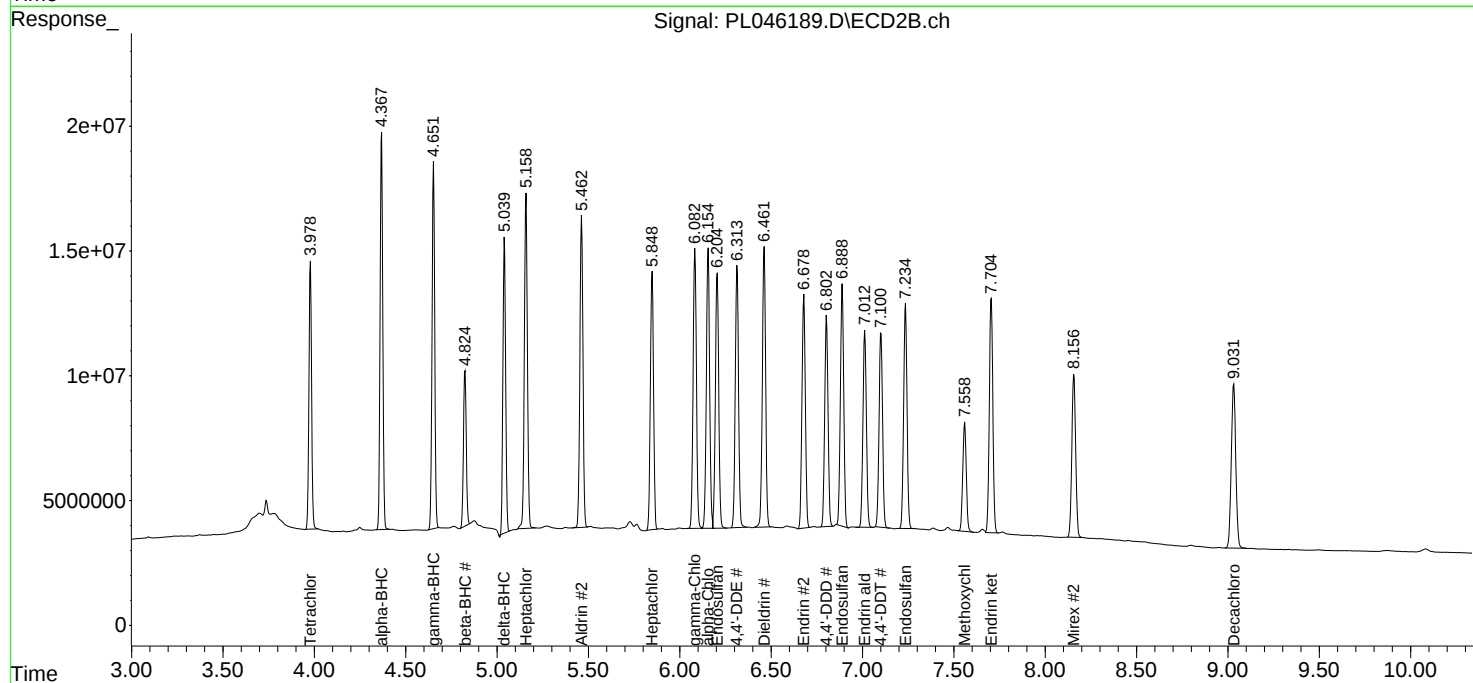
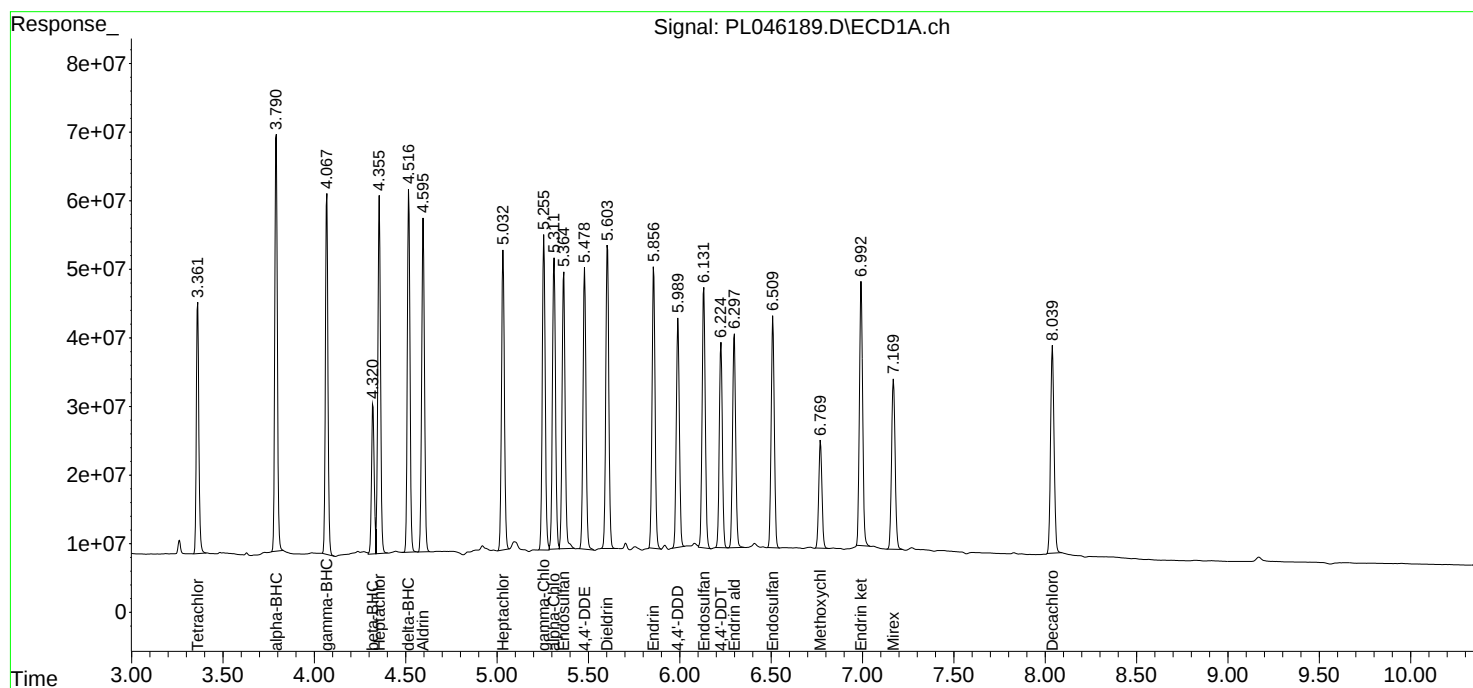
Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

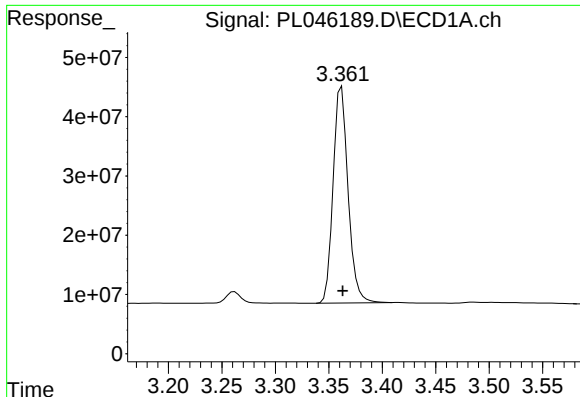
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 20 13:06:51 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL022719.M  
Quant Title : GC Extractables  
QLast Update : Wed Feb 27 17:00:03 2019  
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





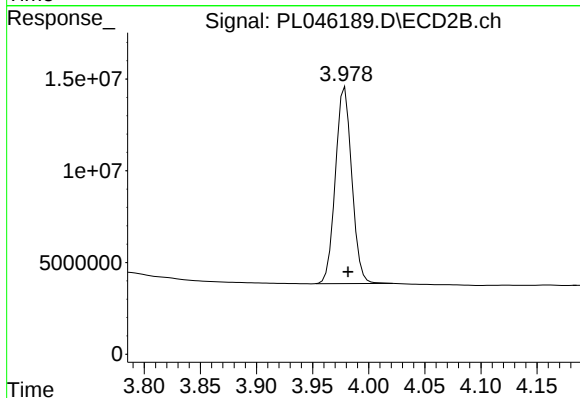
#1 Tetrachloro-m-xylene

R.T.: 3.362 min  
Delta R.T.: -0.001 min  
Response: 355585127  
Conc: 51.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

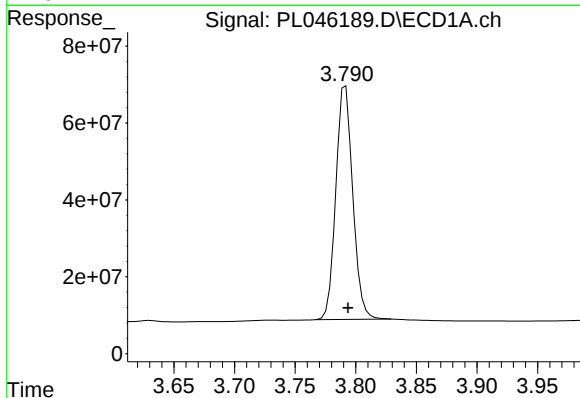
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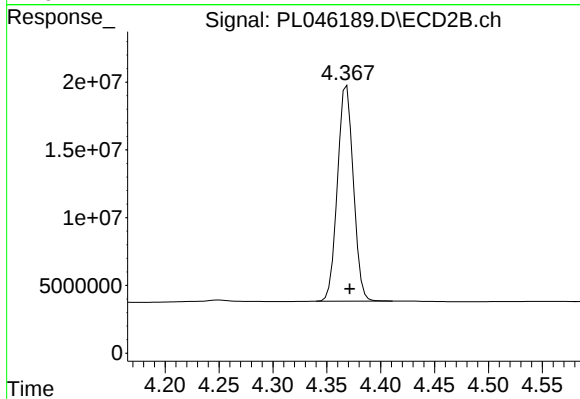
#1 Tetrachloro-m-xylene

R.T.: 3.979 min  
Delta R.T.: -0.003 min  
Response: 108905664  
Conc: 50.85 ng/ml



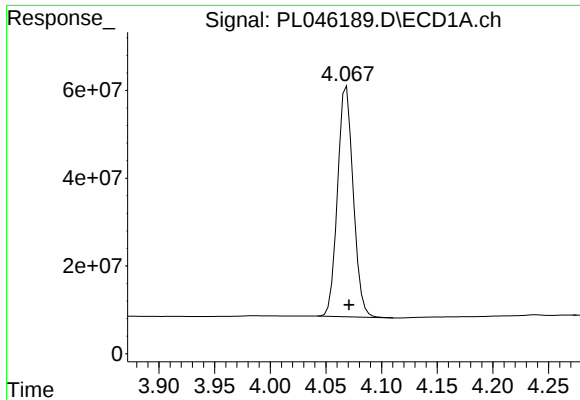
#2 alpha-BHC

R.T.: 3.792 min  
Delta R.T.: -0.002 min  
Response: 589468678  
Conc: 53.07 ng/ml



#2 alpha-BHC

R.T.: 4.369 min  
Delta R.T.: -0.003 min  
Response: 163323356  
Conc: 53.75 ng/ml



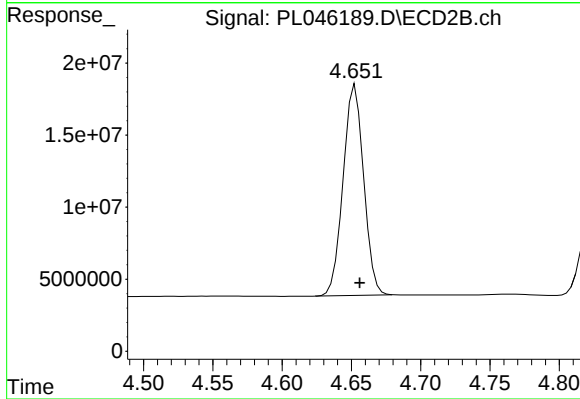
#3 gamma-BHC (Lindane)

R.T.: 4.069 min  
Delta R.T.: -0.002 min  
Response: 514956076  
Conc: 50.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

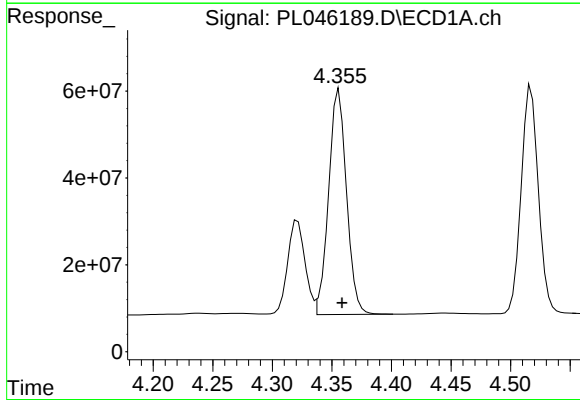
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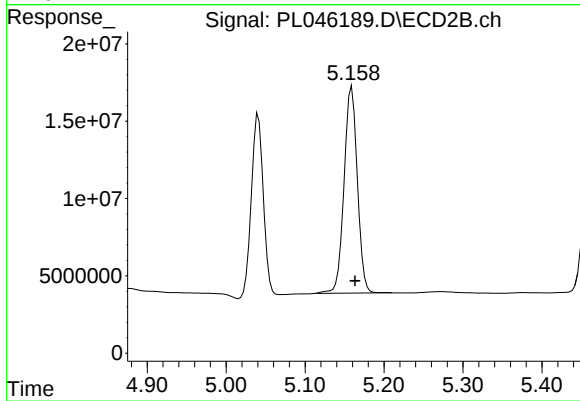
#3 gamma-BHC (Lindane)

R.T.: 4.651 min  
Delta R.T.: -0.005 min  
Response: 151203386  
Conc: 53.53 ng/ml m



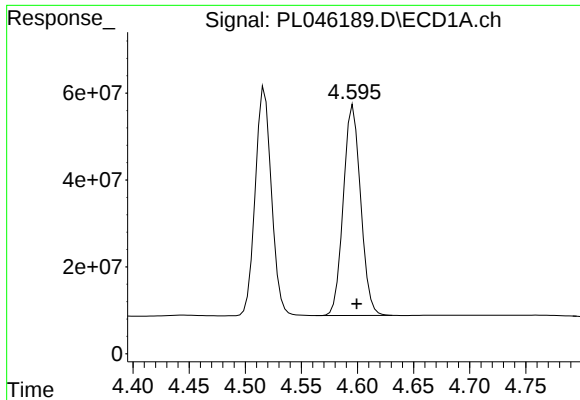
#4 Heptachlor

R.T.: 4.356 min  
Delta R.T.: -0.002 min  
Response: 542515709  
Conc: 51.41 ng/ml



#4 Heptachlor

R.T.: 5.159 min  
Delta R.T.: -0.004 min  
Response: 156444297  
Conc: 52.59 ng/ml



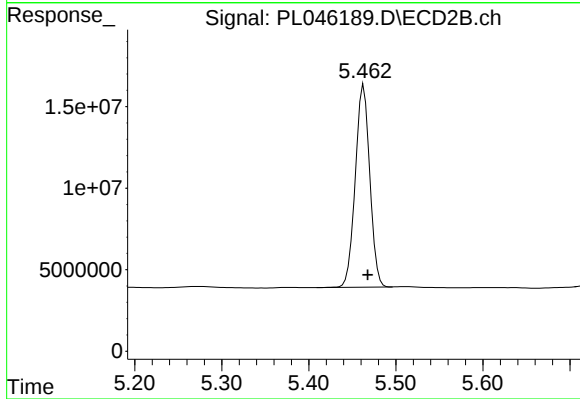
#5 Aldrin

R.T.: 4.596 min  
Delta R.T.: -0.003 min  
Response: 519490165  
Conc: 53.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

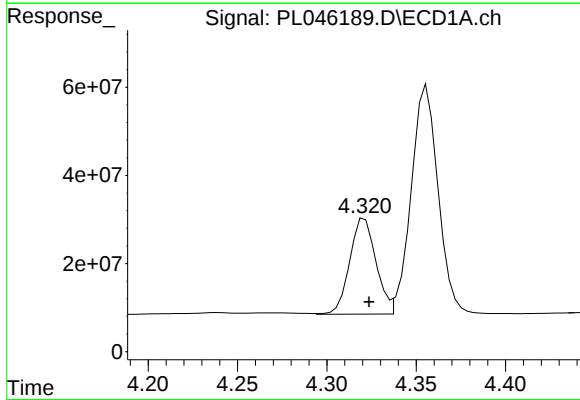
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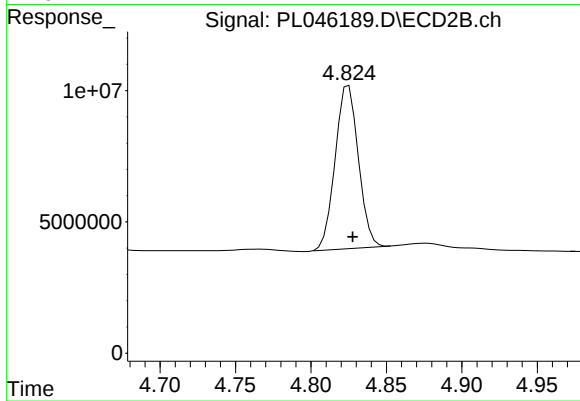
#5 Aldrin

R.T.: 5.463 min  
Delta R.T.: -0.004 min  
Response: 144255080  
Conc: 53.41 ng/ml



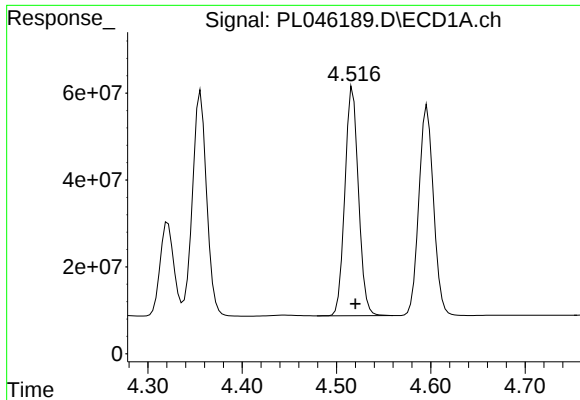
#6 beta-BHC

R.T.: 4.321 min  
Delta R.T.: -0.002 min  
Response: 222613823  
Conc: 51.94 ng/ml



#6 beta-BHC

R.T.: 4.825 min  
Delta R.T.: -0.003 min  
Response: 66478590  
Conc: 52.35 ng/ml



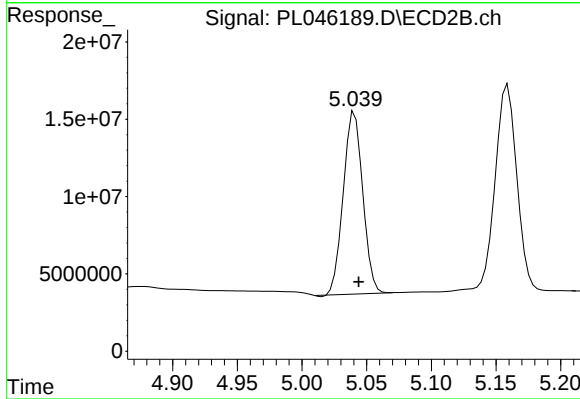
#7 delta-BHC

R.T.: 4.517 min  
Delta R.T.: -0.003 min  
Response: 527674692  
Conc: 55.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

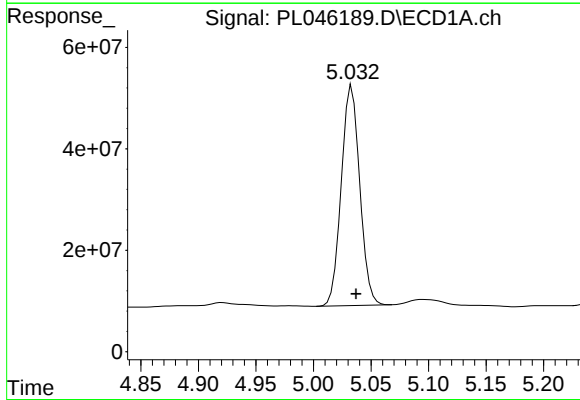
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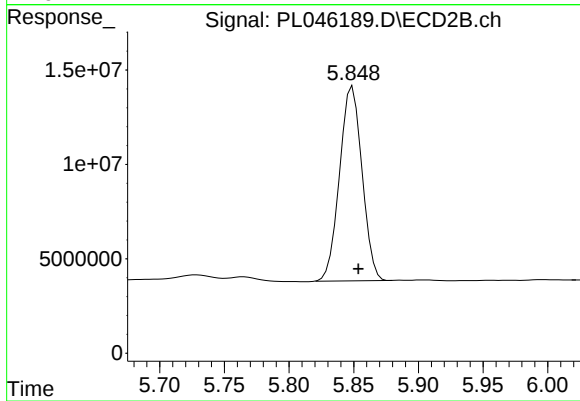
#7 delta-BHC

R.T.: 5.041 min  
Delta R.T.: -0.003 min  
Response: 123144428  
Conc: 57.25 ng/ml



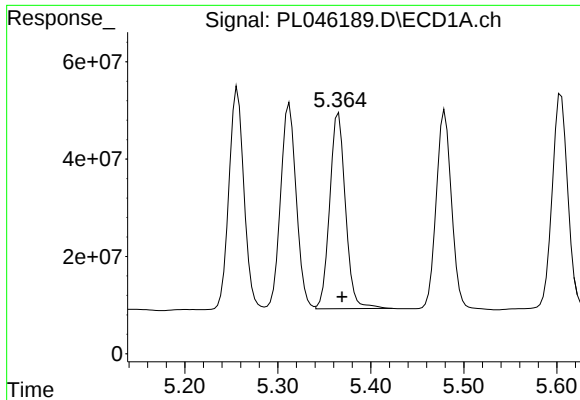
#8 Heptachlor epoxide

R.T.: 5.033 min  
Delta R.T.: -0.004 min  
Response: 486283735  
Conc: 52.10 ng/ml



#8 Heptachlor epoxide

R.T.: 5.849 min  
Delta R.T.: -0.005 min  
Response: 124432273  
Conc: 51.80 ng/ml



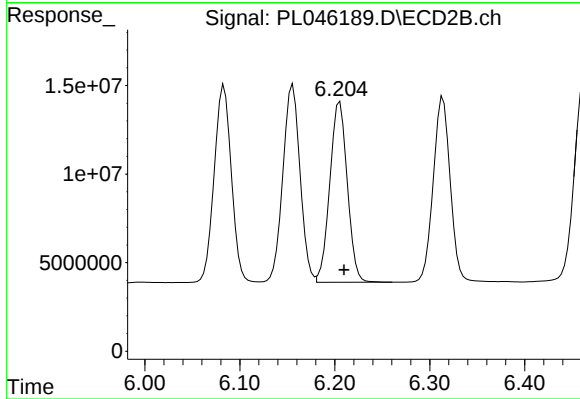
#9 Endosulfan I

R.T.: 5.365 min  
Delta R.T.: -0.004 min  
Response: 474663243  
Conc: 53.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

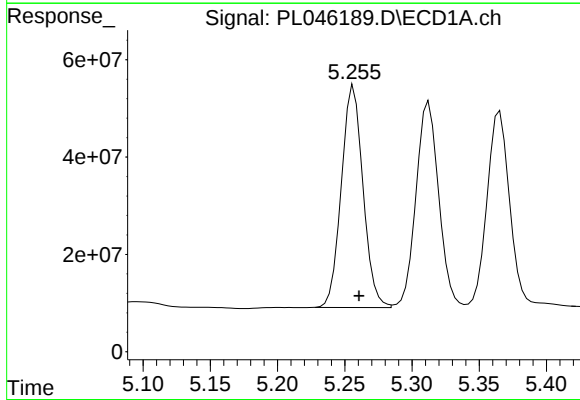
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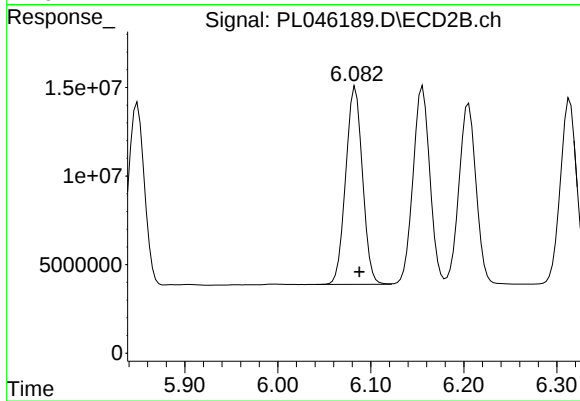
#9 Endosulfan I

R.T.: 6.205 min  
Delta R.T.: -0.005 min  
Response: 130355681  
Conc: 52.35 ng/ml



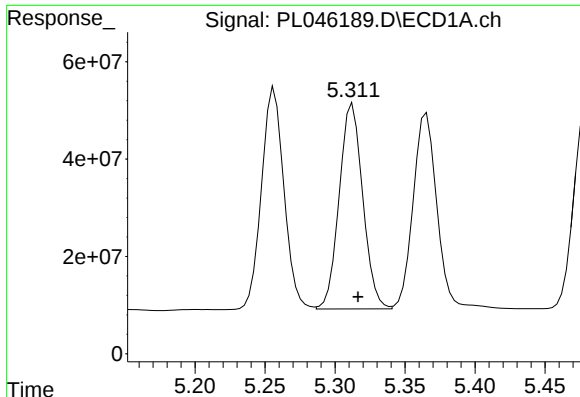
#10 gamma-Chlordane

R.T.: 5.255 min  
Delta R.T.: -0.005 min  
Response: 510124713  
Conc: 52.12 ng/ml m



#10 gamma-Chlordane

R.T.: 6.083 min  
Delta R.T.: -0.004 min  
Response: 139910656  
Conc: 52.15 ng/ml



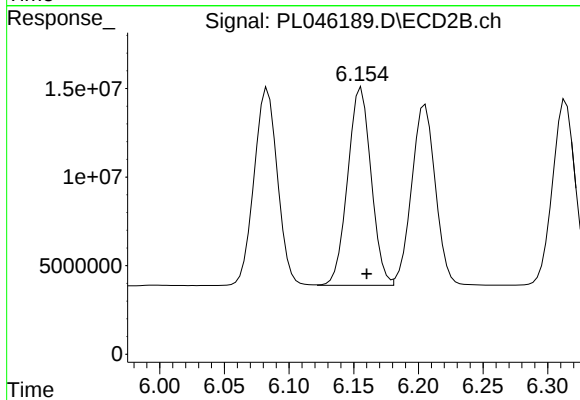
#11 alpha-Chlordane

R.T.: 5.313 min  
Delta R.T.: -0.004 min  
Response: 494042144  
Conc: 50.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

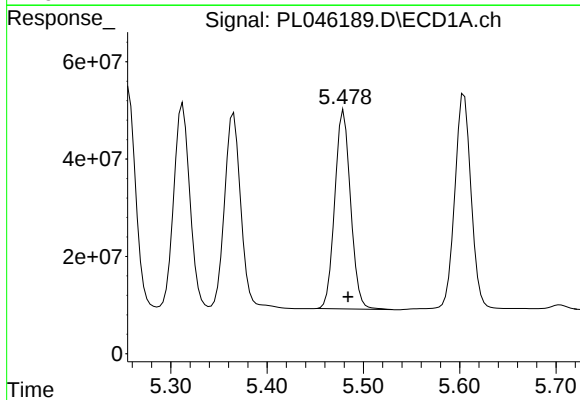
Manual Integrations  
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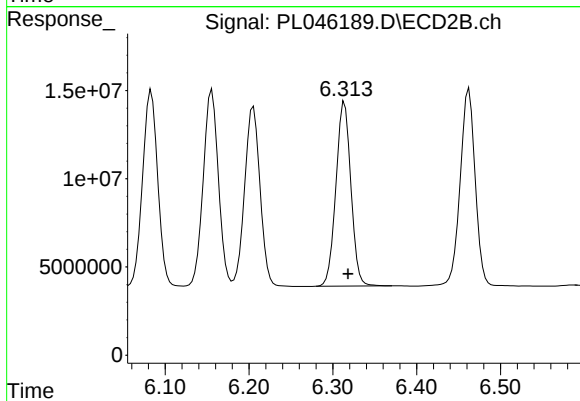
#11 alpha-Chlordane

R.T.: 6.156 min  
Delta R.T.: -0.004 min  
Response: 140551060  
Conc: 52.10 ng/ml



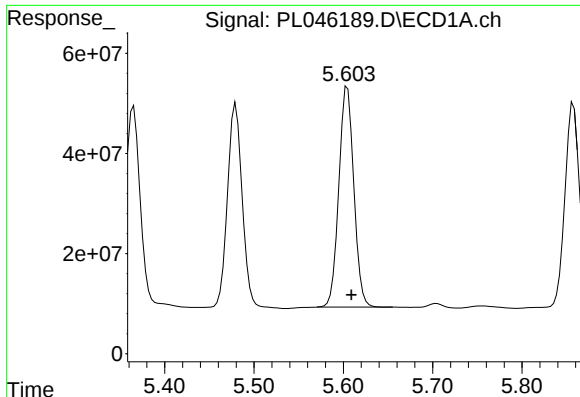
#12 4,4'-DDE

R.T.: 5.480 min  
Delta R.T.: -0.004 min  
Response: 466055190  
Conc: 53.09 ng/ml



#12 4,4'-DDE

R.T.: 6.314 min  
Delta R.T.: -0.004 min  
Response: 129591695  
Conc: 55.48 ng/ml



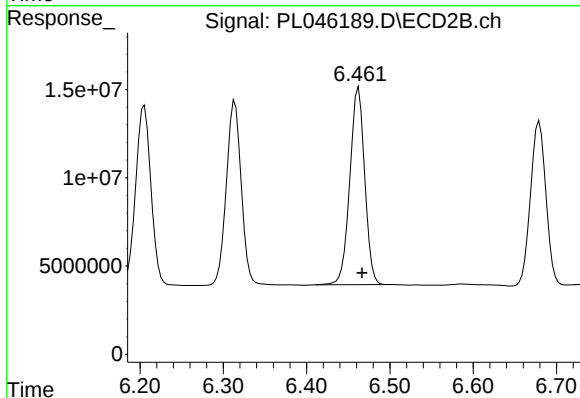
#13 Dieldrin

R.T.: 5.605 min  
Delta R.T.: -0.005 min  
Response: 513315210  
Conc: 53.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

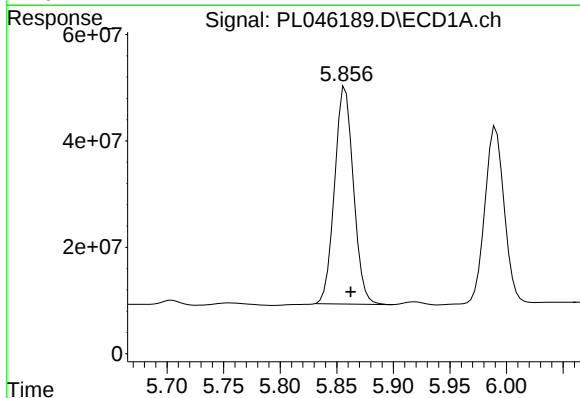
Manual Integrations  
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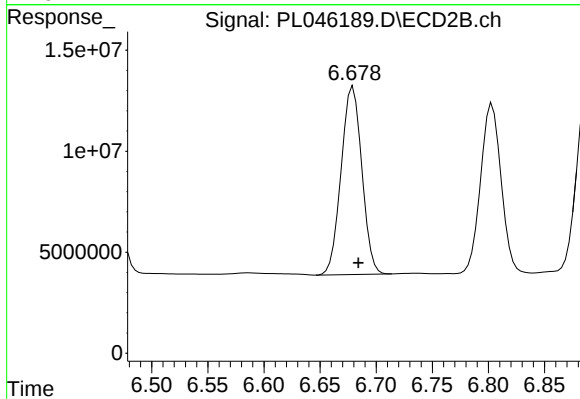
#13 Dieldrin

R.T.: 6.461 min  
Delta R.T.: -0.006 min  
Response: 138773291  
Conc: 54.00 ng/ml m



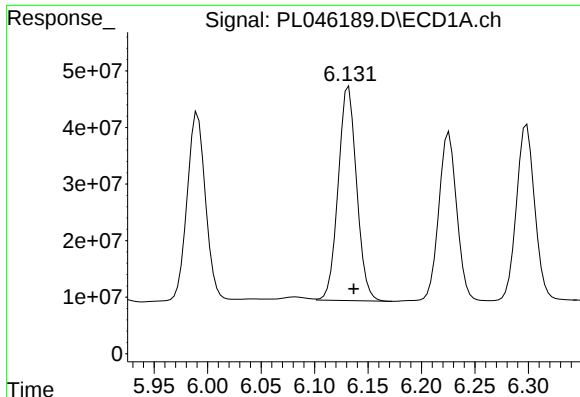
#14 Endrin

R.T.: 5.858 min  
Delta R.T.: -0.005 min  
Response: 474219827  
Conc: 52.66 ng/ml



#14 Endrin

R.T.: 6.680 min  
Delta R.T.: -0.005 min  
Response: 119629459  
Conc: 52.58 ng/ml



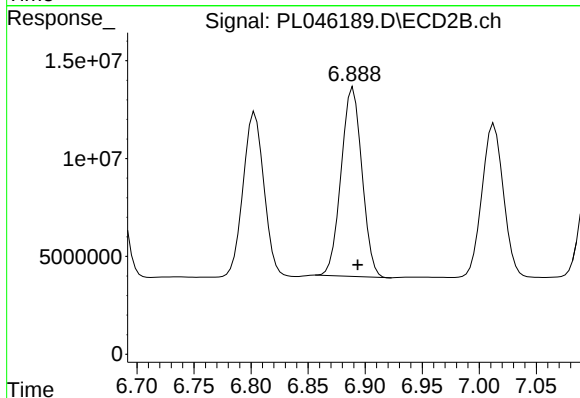
#15 Endosulfan II

R.T.: 6.132 min  
Delta R.T.: -0.005 min  
Response: 454578975  
Conc: 52.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

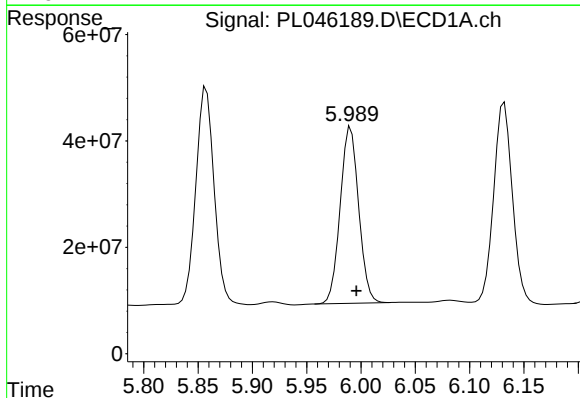
Manual Integrations  
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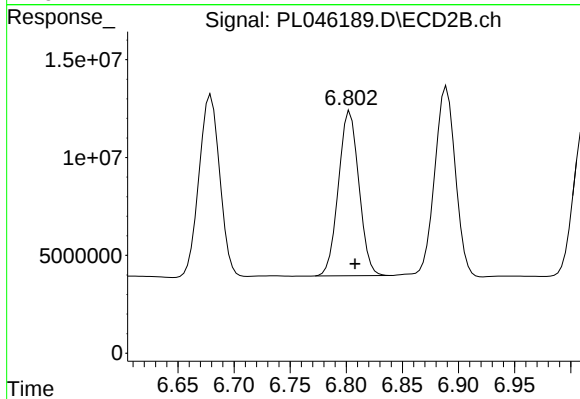
#15 Endosulfan II

R.T.: 6.889 min  
Delta R.T.: -0.004 min  
Response: 122828216  
Conc: 52.23 ng/ml



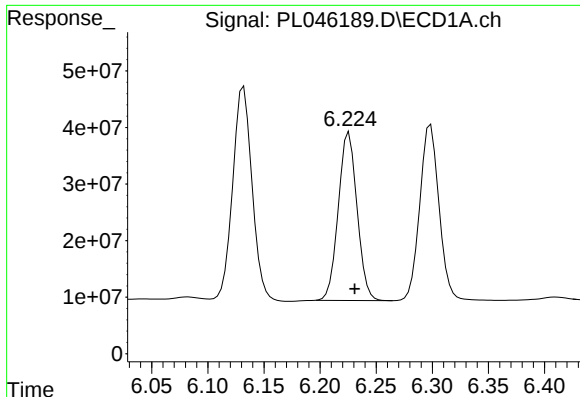
#16 4,4'-DDD

R.T.: 5.991 min  
Delta R.T.: -0.005 min  
Response: 392923400  
Conc: 53.66 ng/ml



#16 4,4'-DDD

R.T.: 6.803 min  
Delta R.T.: -0.004 min  
Response: 106871953  
Conc: 55.57 ng/ml



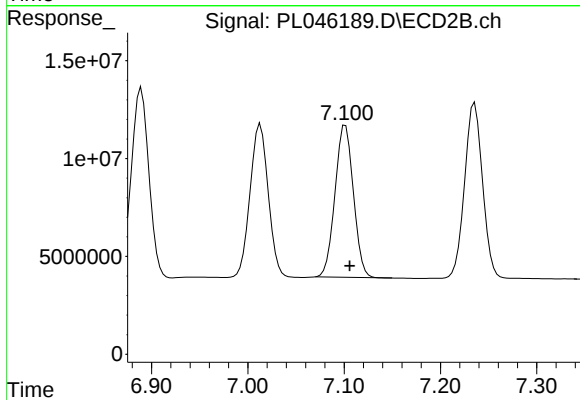
#17 4,4'-DDT

R.T.: 6.226 min  
Delta R.T.: -0.005 min  
Response: 345681738  
Conc: 46.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

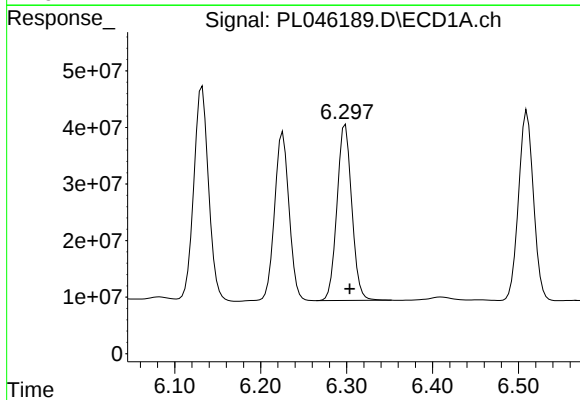
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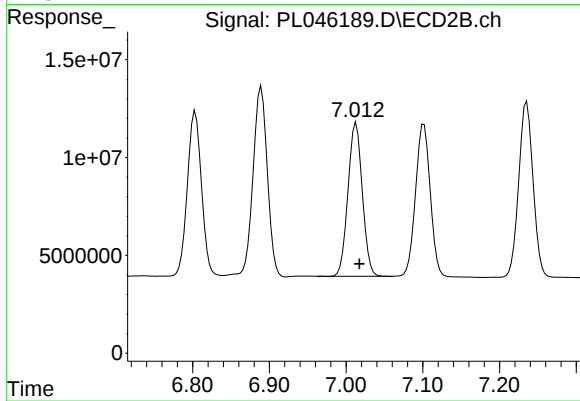
#17 4,4'-DDT

R.T.: 7.101 min  
Delta R.T.: -0.004 min  
Response: 103070222  
Conc: 52.23 ng/ml



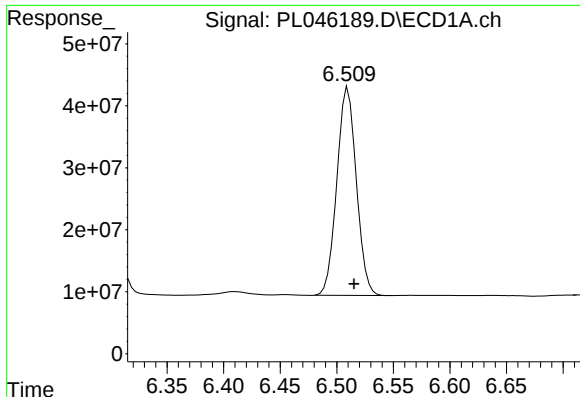
#18 Endrin aldehyde

R.T.: 6.299 min  
Delta R.T.: -0.005 min  
Response: 370912887  
Conc: 50.74 ng/ml



#18 Endrin aldehyde

R.T.: 7.013 min  
Delta R.T.: -0.004 min  
Response: 102561443  
Conc: 50.17 ng/ml



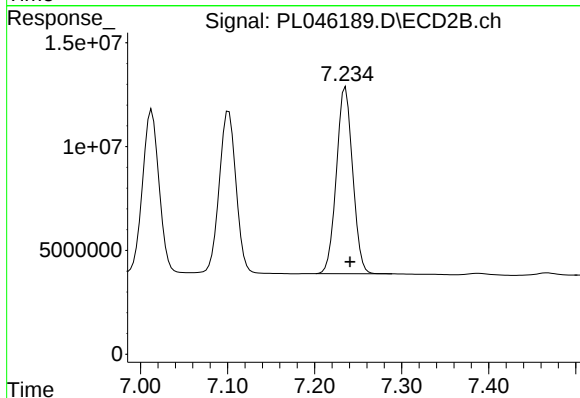
#19 Endosulfan Sulfate

R.T.: 6.510 min  
Delta R.T.: -0.005 min  
Response: 402593468  
Conc: 49.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

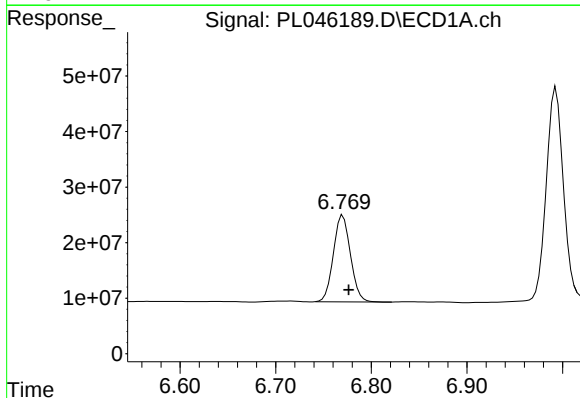
Manual Integrations  
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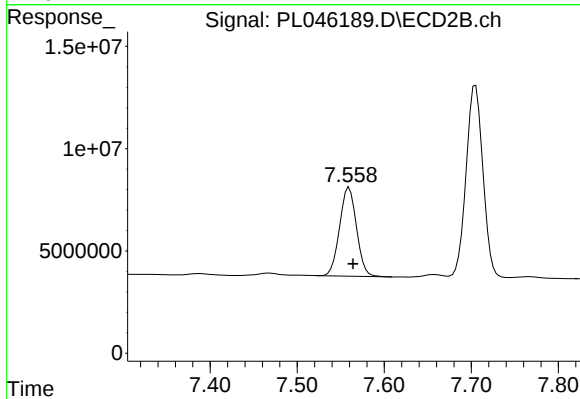
#19 Endosulfan Sulfate

R.T.: 7.236 min  
Delta R.T.: -0.005 min  
Response: 116621704  
Conc: 51.84 ng/ml



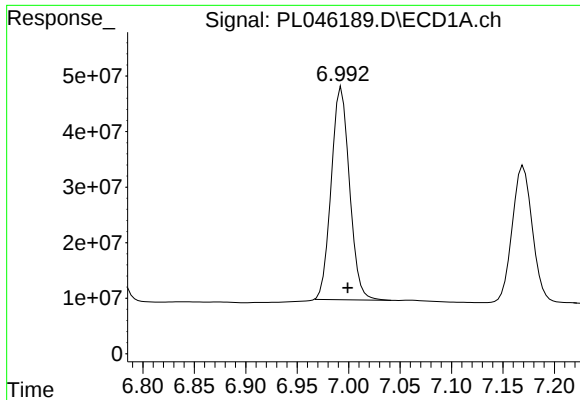
#20 Methoxychlor

R.T.: 6.770 min  
Delta R.T.: -0.006 min  
Response: 192826691  
Conc: 43.91 ng/ml



#20 Methoxychlor

R.T.: 7.560 min  
Delta R.T.: -0.005 min  
Response: 58655232  
Conc: 47.79 ng/ml



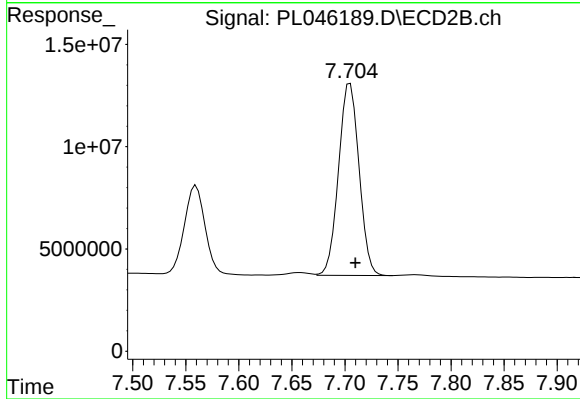
#21 Endrin ketone

R.T.: 6.993 min  
Delta R.T.: -0.006 min  
Response: 473846748  
Conc: 51.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

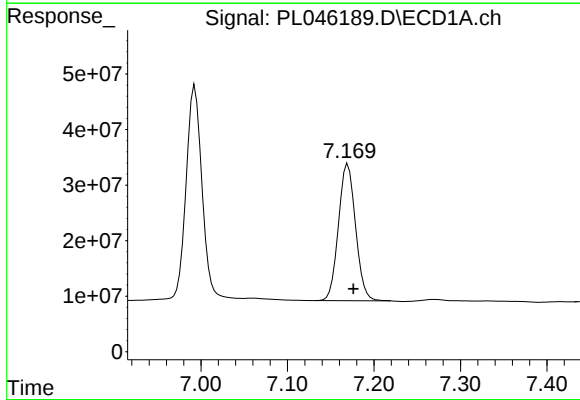
Manual Integrations  
APPROVED

Sohil  
3/21/2019 10:49:35 AM



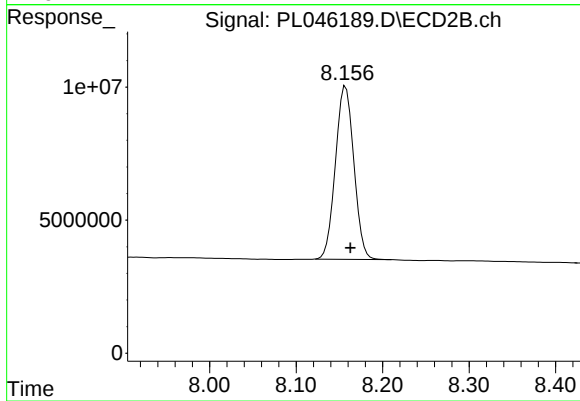
#21 Endrin ketone

R.T.: 7.705 min  
Delta R.T.: -0.005 min  
Response: 126102063  
Conc: 53.02 ng/ml



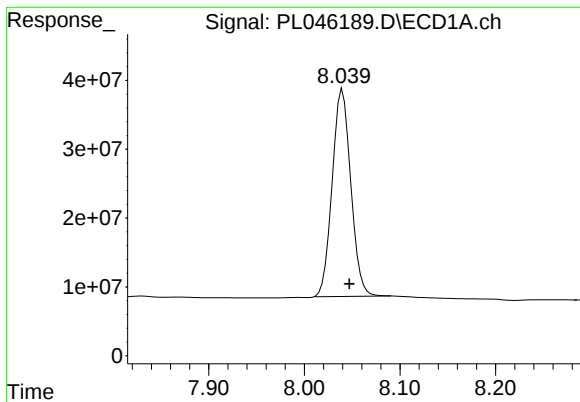
#22 Mirex

R.T.: 7.170 min  
Delta R.T.: -0.006 min  
Response: 336870736  
Conc: 45.28 ng/ml



#22 Mirex

R.T.: 8.157 min  
Delta R.T.: -0.006 min  
Response: 95965901  
Conc: 48.18 ng/ml



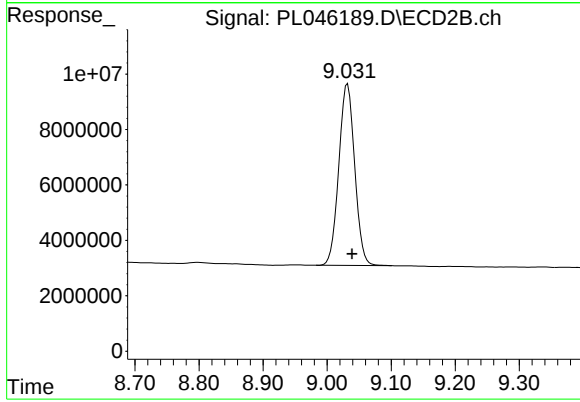
#28 Decachlorobiphenyl

R.T.: 8.040 min  
Delta R.T.: -0.007 min  
Response: 406653570  
Conc: 48.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

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#28 Decachlorobiphenyl

R.T.: 9.032 min  
Delta R.T.: -0.007 min  
Response: 112830406  
Conc: 49.38 ng/ml