

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080918\  
 Data File : PL039060.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Aug 2018 13:08  
 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: Aug 10 01:03:37 2018  
 Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD\_L\methods\PL071318.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Jul 14 00:12:12 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1  | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-----------------|-------|-------|---------|----------|---------|---------|
| -----                       |                 |       |       |         |          |         |         |
| System Monitoring Compounds |                 |       |       |         |          |         |         |
| 1)                          | SA Tetrachlo... | 3.323 | 3.927 | 321.3E6 | 130.4E6  | 43.150  | 49.662  |
| 2)                          | SA Decachlor... | 7.989 | 8.934 | 303.6E6 | 113.5E6  | 40.023m | 46.423  |
| Target Compounds            |                 |       |       |         |          |         |         |
| 2)                          | A alpha-BHC     | 3.753 | 4.306 | 543.7E6 | 206.3E6  | 46.019  | 53.315  |
| 3)                          | MA gamma-BHC... | 4.027 | 4.586 | 493.0E6 | 185.8E6  | 47.024m | 51.433  |
| 4)                          | MA Heptachlor   | 4.311 | 5.094 | 488.2E6 | 181.4E6  | 45.892  | 56.757m |
| 5)                          | MB Aldrin       | 4.550 | 5.398 | 481.9E6 | 170.7E6  | 46.038  | 55.323  |
| 6)                          | B beta-BHC      | 4.283 | 4.748 | 218.2E6 | 83984862 | 46.234  | 55.367  |
| 7)                          | B delta-BHC     | 4.477 | 4.962 | 510.6E6 | 185.2E6  | 47.042  | 55.850  |
| 8)                          | B Heptachlo...  | 4.986 | 5.778 | 449.2E6 | 156.9E6  | 47.646m | 55.221  |
| 9)                          | A Endosulfan I  | 5.318 | 6.130 | 417.0E6 | 136.9E6  | 48.211  | 53.215  |
| 10)                         | B gamma-Chl...  | 5.209 | 6.010 | 468.4E6 | 154.7E6  | 47.391  | 53.372  |
| 11)                         | B alpha-Chl...  | 5.265 | 6.084 | 449.3E6 | 152.3E6  | 47.468  | 53.140  |
| 12)                         | B 4,4'-DDE      | 5.433 | 6.240 | 448.3E6 | 146.8E6  | 46.759m | 54.896  |
| 13)                         | MA Dieldrin     | 5.557 | 6.383 | 455.7E6 | 141.7E6  | 47.416  | 52.080m |
| 14)                         | MA Endrin       | 5.809 | 6.597 | 406.1E6 | 120.5E6  | 46.741m | 50.438m |
| 15)                         | B Endosulfa...  | 6.084 | 6.802 | 389.1E6 | 119.7E6  | 49.061m | 49.849  |
| 16)                         | A 4,4'-DDD      | 5.944 | 6.722 | 366.4E6 | 106.9E6  | 49.949m | 49.935  |
| 17)                         | MA 4,4'-DDT     | 6.179 | 7.021 | 342.1E6 | 103.3E6  | 46.054  | 48.450  |
| 18)                         | B Endrin al...  | 6.253 | 6.925 | 308.1E6 | 101.5E6  | 48.393  | 52.002  |
| 19)                         | B Endosulfa...  | 6.464 | 7.147 | 365.6E6 | 113.0E6  | 48.397  | 51.856  |
| 20)                         | A Methoxychlor  | 6.727 | 7.477 | 182.0E6 | 57307108 | 47.304  | 50.328  |
| 21)                         | B Endrin ke...  | 6.946 | 7.610 | 399.3E6 | 115.7E6  | 50.888m | 48.546m |
| -----                       |                 |       |       |         |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080918\  
Data File : PL039060.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Aug 2018 13:08  
Operator : AJ\SJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

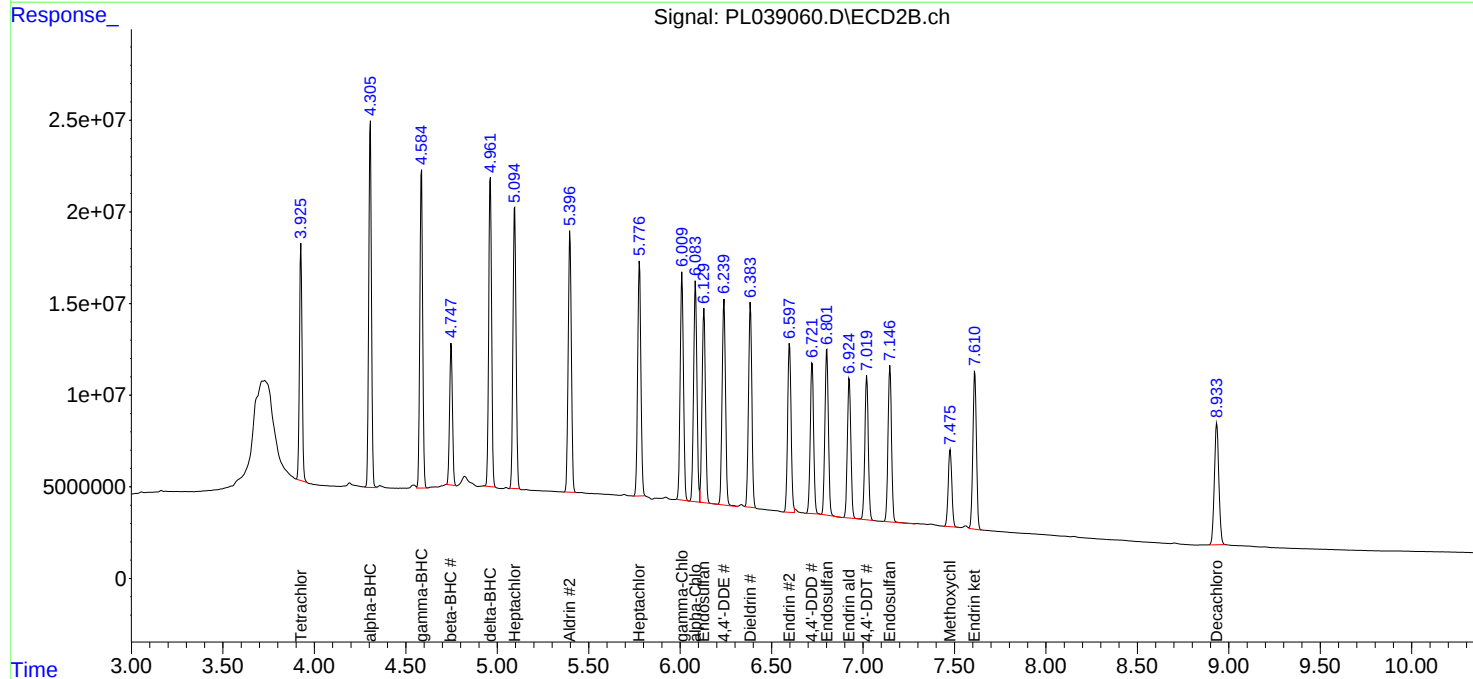
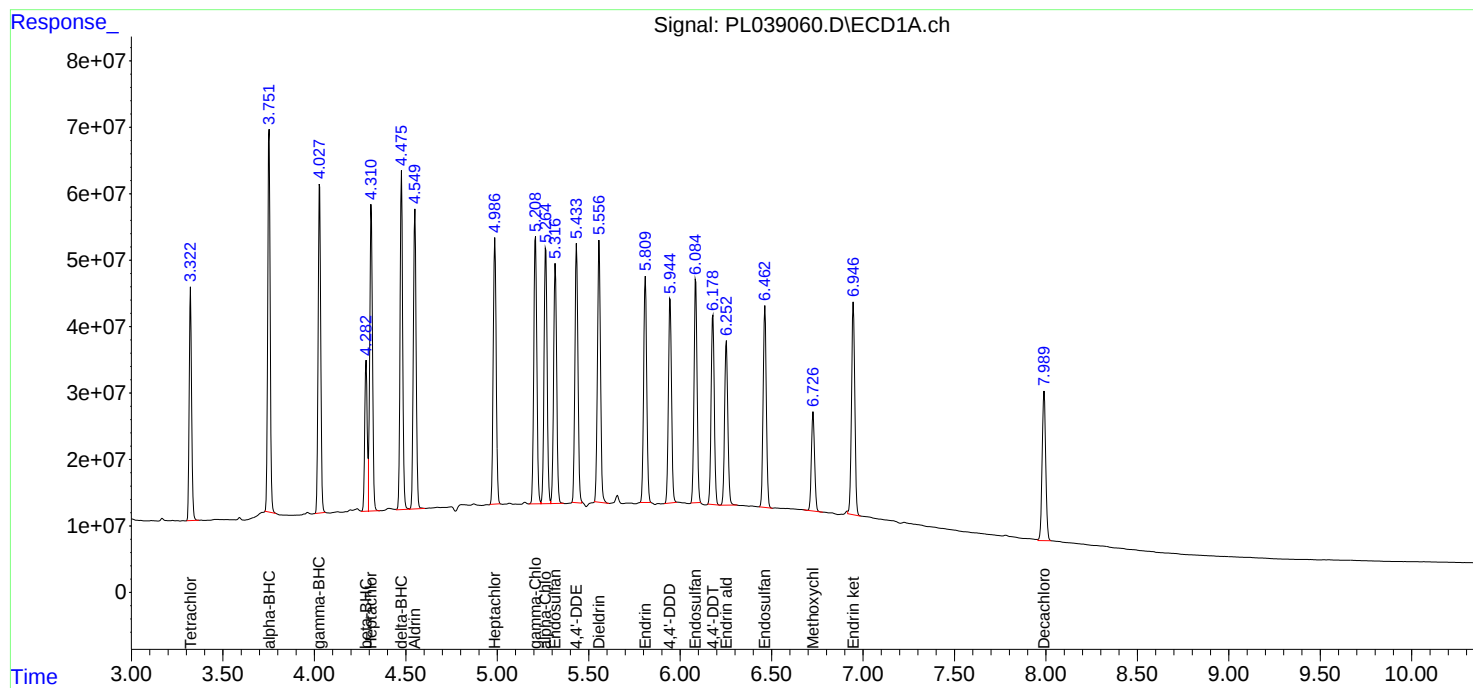
Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

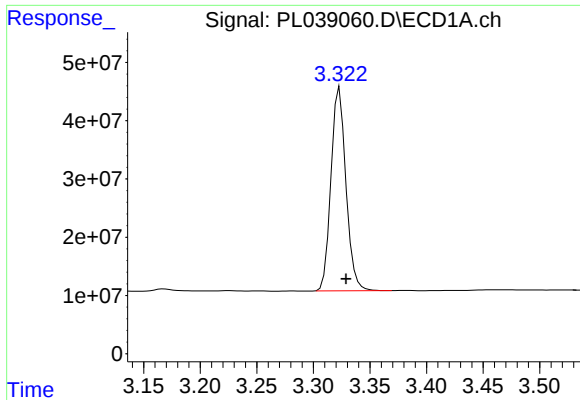
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 10 01:03:37 2018  
Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD\_L\methods\PL071318.M  
Quant Title : GC Extractables  
QLast Update : Sat Jul 14 00:12:12 2018  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





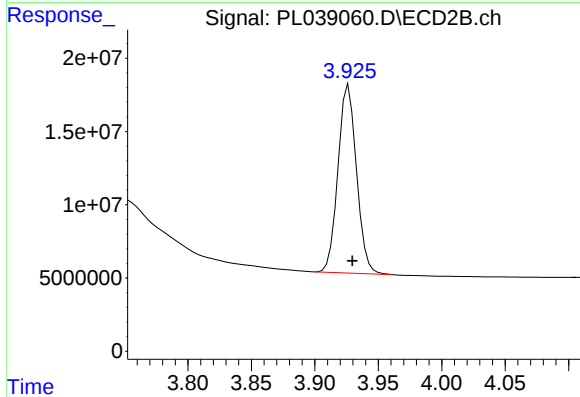
#1 Tetrachloro-m-xylene

R.T.: 3.323 min  
Delta R.T.: -0.006 min  
Response: 321310611  
Conc: 43.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

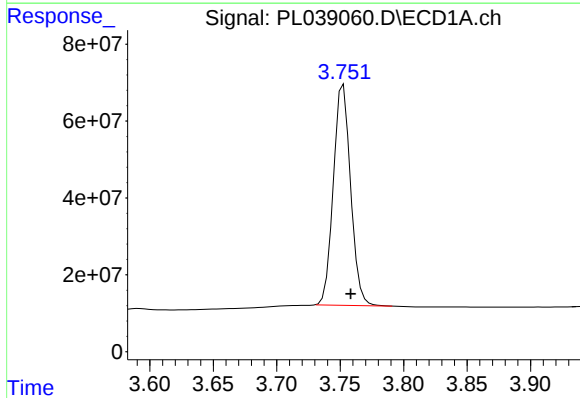
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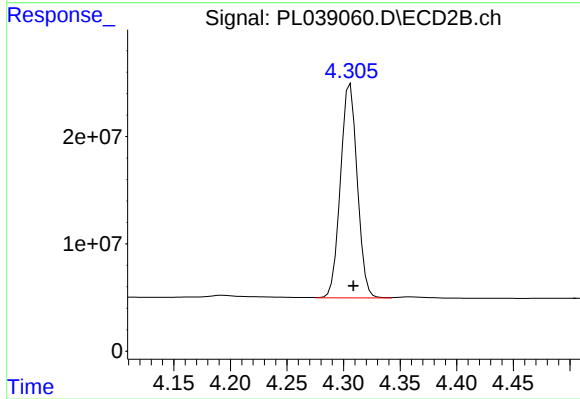
#1 Tetrachloro-m-xylene

R.T.: 3.927 min  
Delta R.T.: -0.003 min  
Response: 130358439  
Conc: 49.66 ng/ml



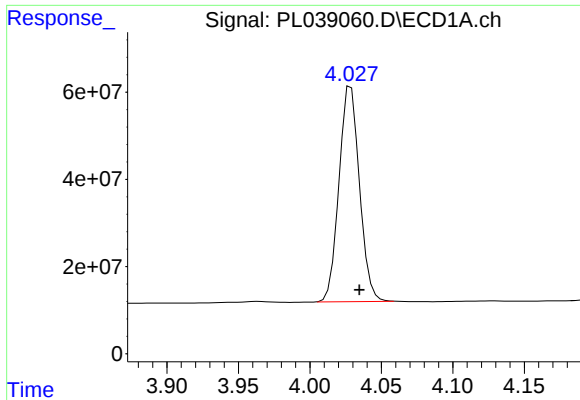
#2 alpha-BHC

R.T.: 3.753 min  
Delta R.T.: -0.006 min  
Response: 543728898  
Conc: 46.02 ng/ml



#2 alpha-BHC

R.T.: 4.306 min  
Delta R.T.: -0.003 min  
Response: 206338407  
Conc: 53.32 ng/ml



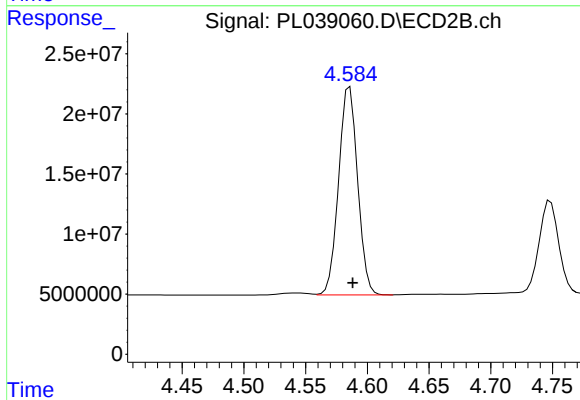
#3 gamma-BHC (Lindane)

R.T.: 4.027 min  
Delta R.T.: -0.007 min  
Response: 492990744  
Conc: 47.02 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

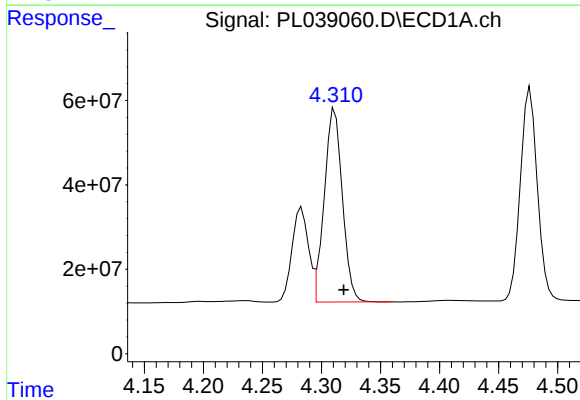
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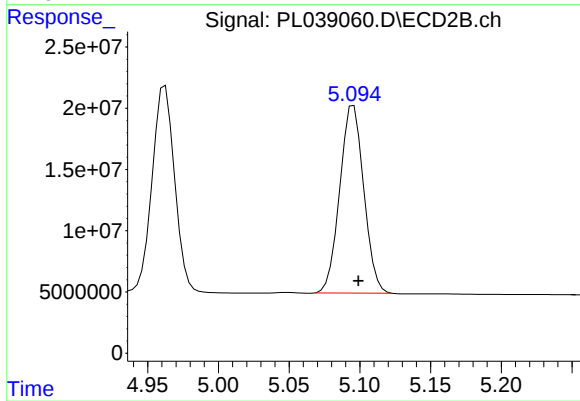
#3 gamma-BHC (Lindane)

R.T.: 4.586 min  
Delta R.T.: -0.002 min  
Response: 185765995  
Conc: 51.43 ng/ml



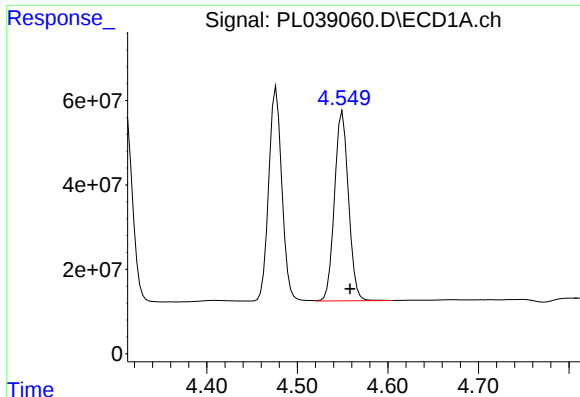
#4 Heptachlor

R.T.: 4.311 min  
Delta R.T.: -0.008 min  
Response: 488173141  
Conc: 45.89 ng/ml



#4 Heptachlor

R.T.: 5.094 min  
Delta R.T.: -0.005 min  
Response: 181407397  
Conc: 56.76 ng/ml m



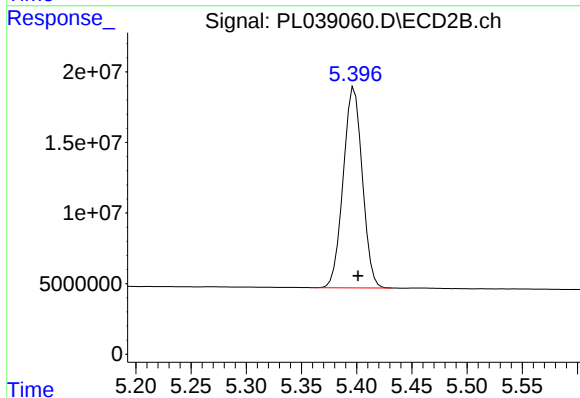
#5 Aldrin

R.T.: 4.550 min  
Delta R.T.: -0.008 min  
Response: 481896555  
Conc: 46.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

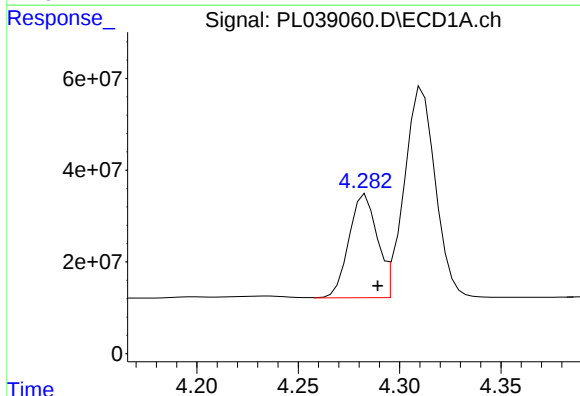
Manual Integrations  
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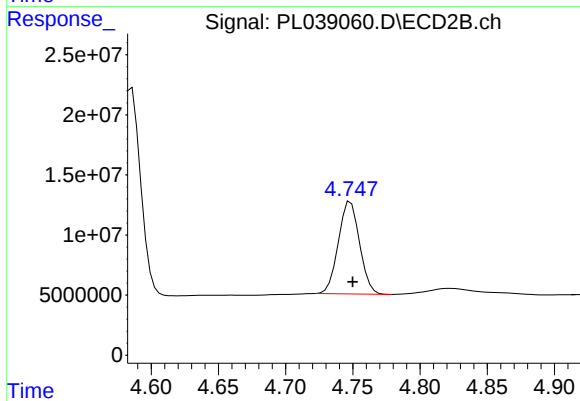
#5 Aldrin

R.T.: 5.398 min  
Delta R.T.: -0.003 min  
Response: 170737115  
Conc: 55.32 ng/ml



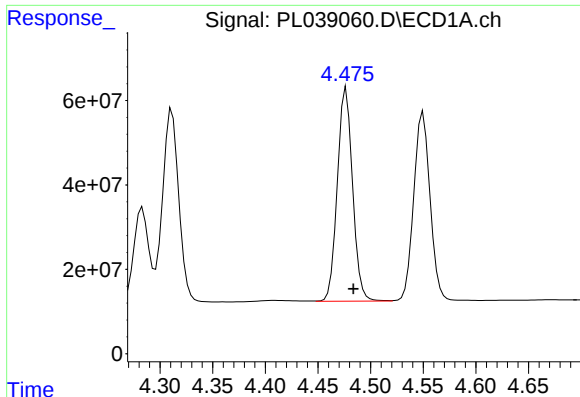
#6 beta-BHC

R.T.: 4.283 min  
Delta R.T.: -0.006 min  
Response: 218239451  
Conc: 46.23 ng/ml



#6 beta-BHC

R.T.: 4.748 min  
Delta R.T.: -0.002 min  
Response: 83984862  
Conc: 55.37 ng/ml



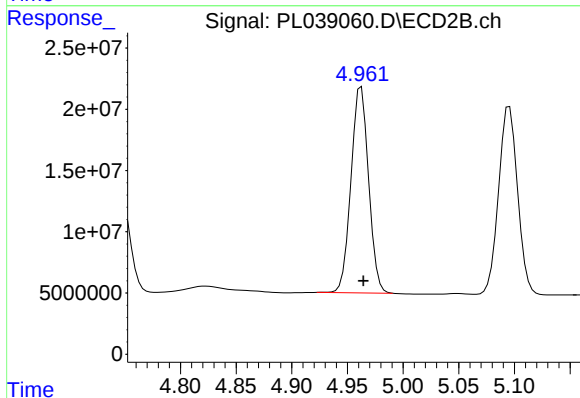
#7 delta-BHC

R.T.: 4.477 min  
Delta R.T.: -0.007 min  
Response: 510597662  
Conc: 47.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

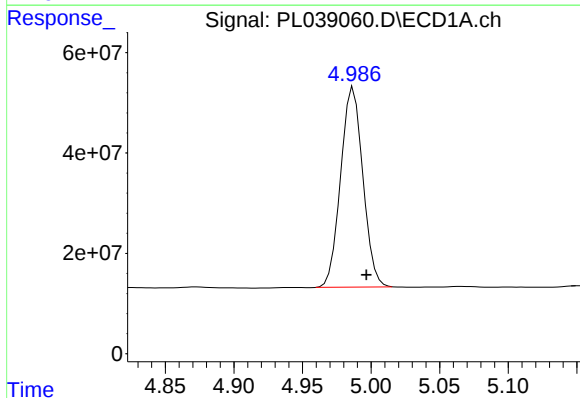
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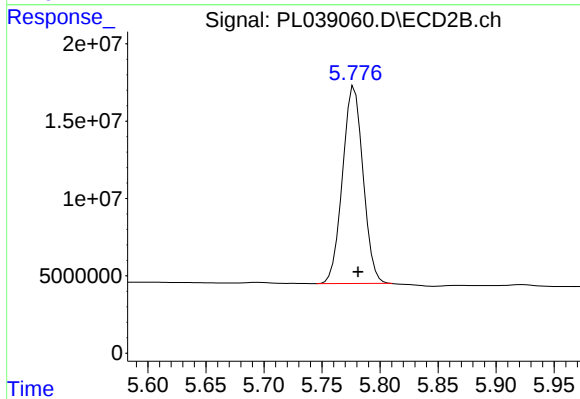
#7 delta-BHC

R.T.: 4.962 min  
Delta R.T.: -0.002 min  
Response: 185233704  
Conc: 55.85 ng/ml



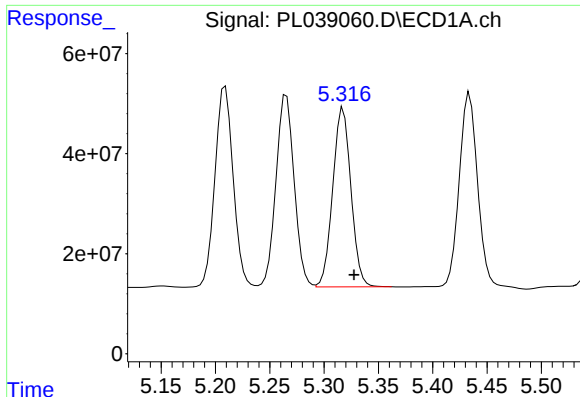
#8 Heptachlor epoxide

R.T.: 4.986 min  
Delta R.T.: -0.011 min  
Response: 449224051  
Conc: 47.65 ng/ml m



#8 Heptachlor epoxide

R.T.: 5.778 min  
Delta R.T.: -0.003 min  
Response: 156931725  
Conc: 55.22 ng/ml



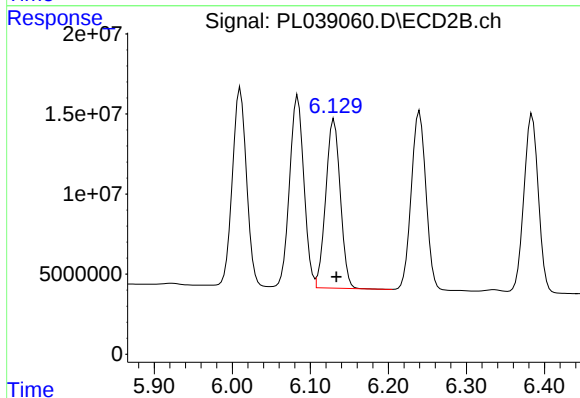
#9 Endosulfan I

R.T.: 5.318 min  
Delta R.T.: -0.010 min  
Response: 417010017  
Conc: 48.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

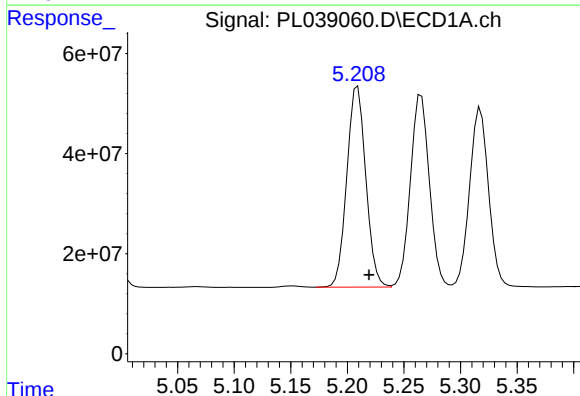
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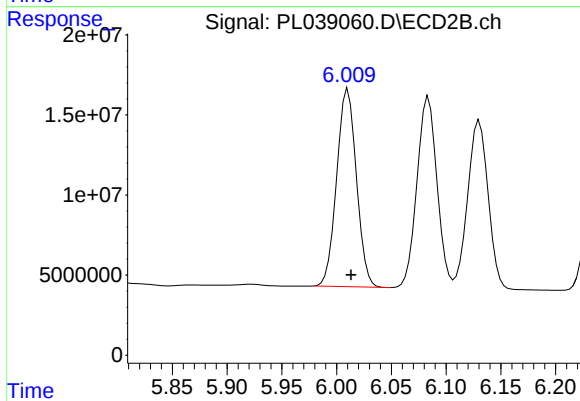
#9 Endosulfan I

R.T.: 6.130 min  
Delta R.T.: -0.003 min  
Response: 136856835  
Conc: 53.21 ng/ml



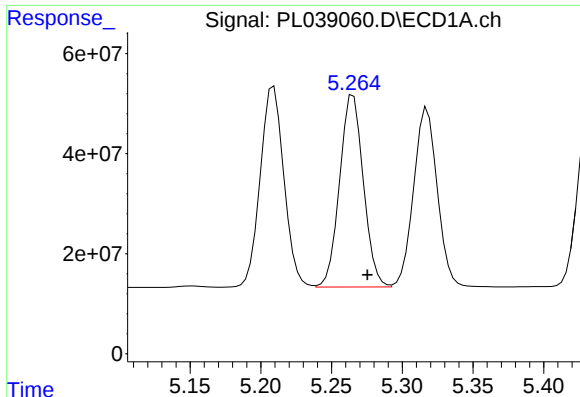
#10 gamma-Chlordane

R.T.: 5.209 min  
Delta R.T.: -0.010 min  
Response: 468410247  
Conc: 47.39 ng/ml



#10 gamma-Chlordane

R.T.: 6.010 min  
Delta R.T.: -0.003 min  
Response: 154737123  
Conc: 53.37 ng/ml



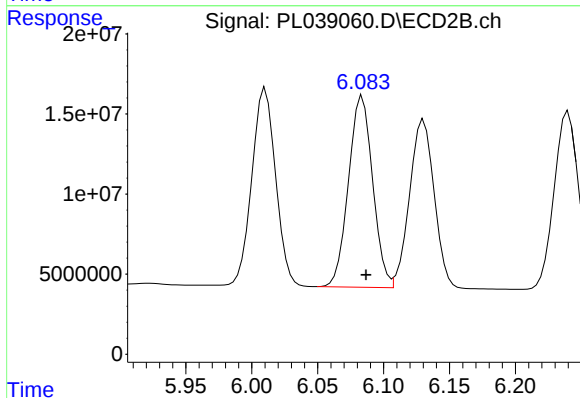
#11 alpha-Chlordane

R.T.: 5.265 min  
Delta R.T.: -0.010 min  
Response: 449323865  
Conc: 47.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

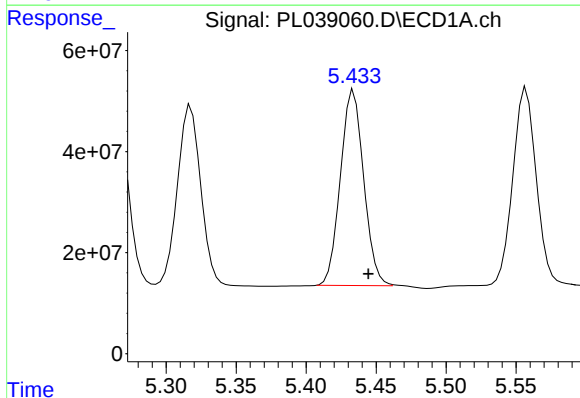
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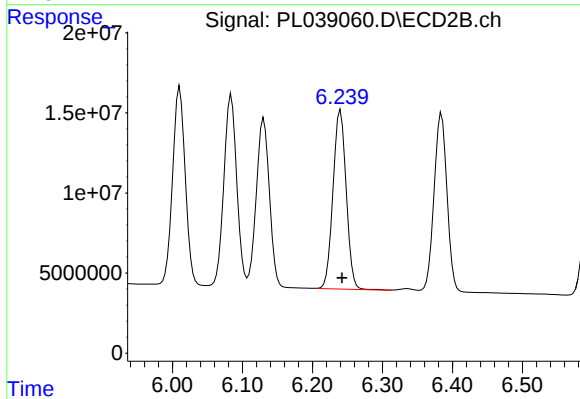
#11 alpha-Chlordane

R.T.: 6.084 min  
Delta R.T.: -0.003 min  
Response: 152311347  
Conc: 53.14 ng/ml



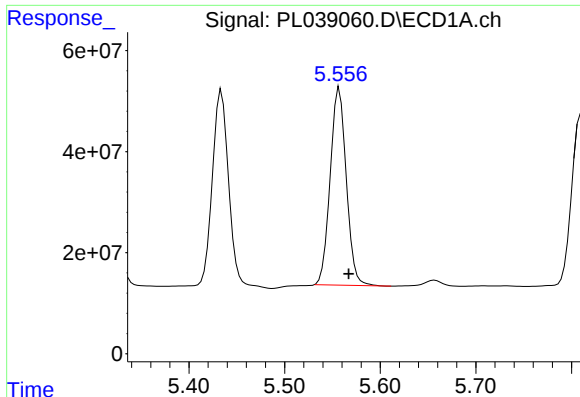
#12 4,4'-DDE

R.T.: 5.433 min  
Delta R.T.: -0.012 min  
Response: 448321057  
Conc: 46.76 ng/ml m



#12 4,4'-DDE

R.T.: 6.240 min  
Delta R.T.: -0.002 min  
Response: 146795284  
Conc: 54.90 ng/ml



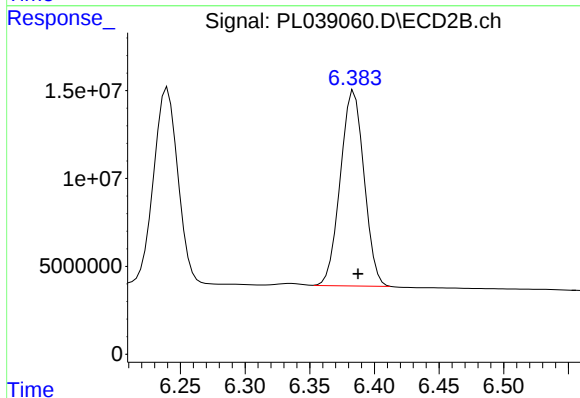
#13 Dieldrin

R.T.: 5.557 min  
Delta R.T.: -0.010 min  
Response: 455681478  
Conc: 47.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

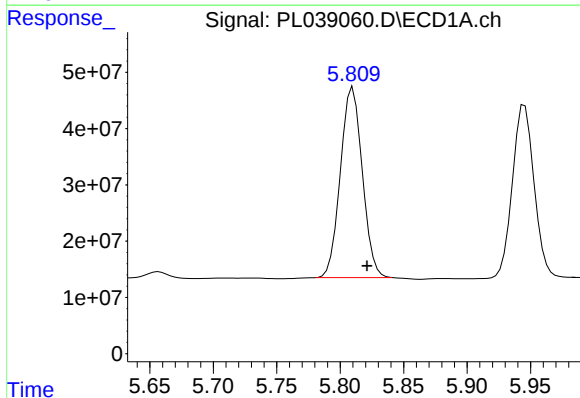
Manual Integrations  
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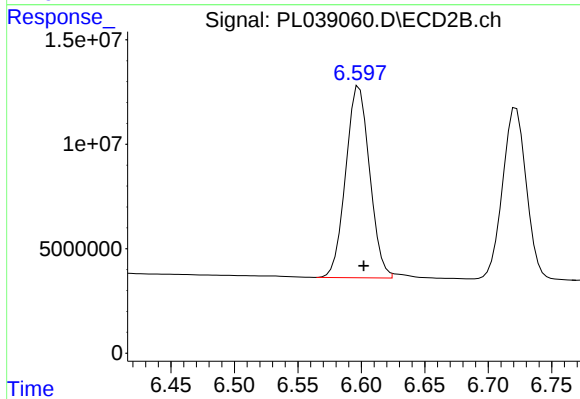
#13 Dieldrin

R.T.: 6.383 min  
Delta R.T.: -0.005 min  
Response: 141749402  
Conc: 52.08 ng/ml m



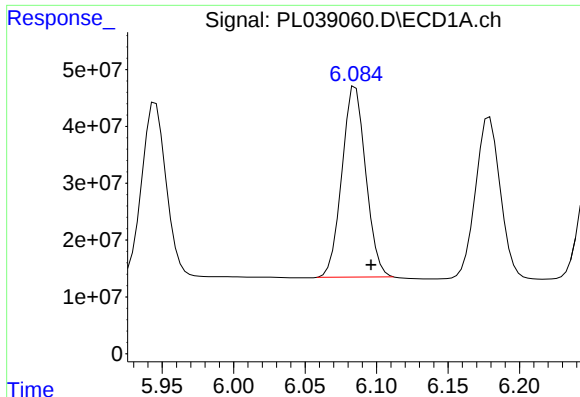
#14 Endrin

R.T.: 5.809 min  
Delta R.T.: -0.013 min  
Response: 406107130  
Conc: 46.74 ng/ml m



#14 Endrin

R.T.: 6.597 min  
Delta R.T.: -0.005 min  
Response: 120453629  
Conc: 50.44 ng/ml m



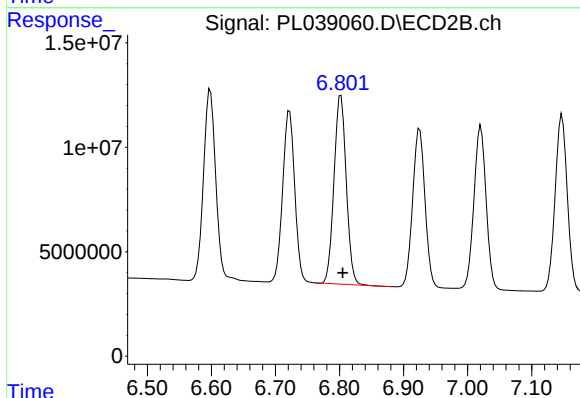
#15 Endosulfan II

R.T.: 6.084 min  
Delta R.T.: -0.012 min  
Response: 389060688  
Conc: 49.06 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

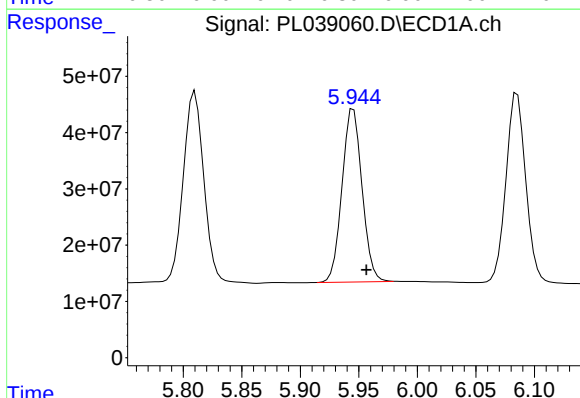
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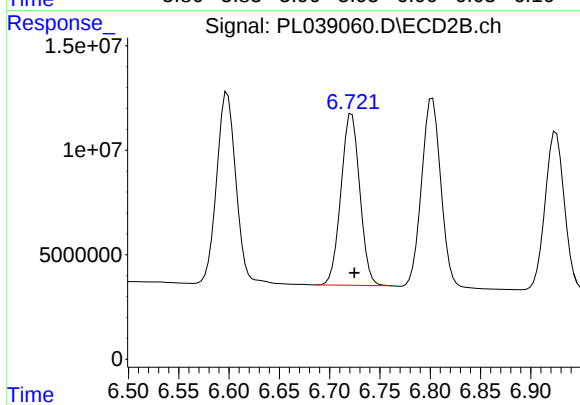
#15 Endosulfan II

R.T.: 6.802 min  
Delta R.T.: -0.003 min  
Response: 119708809  
Conc: 49.85 ng/ml



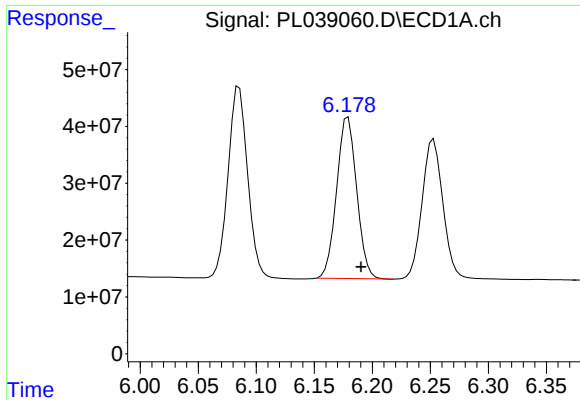
#16 4,4'-DDD

R.T.: 5.944 min  
Delta R.T.: -0.012 min  
Response: 366408519  
Conc: 49.95 ng/ml m



#16 4,4'-DDD

R.T.: 6.722 min  
Delta R.T.: -0.002 min  
Response: 106882993  
Conc: 49.94 ng/ml



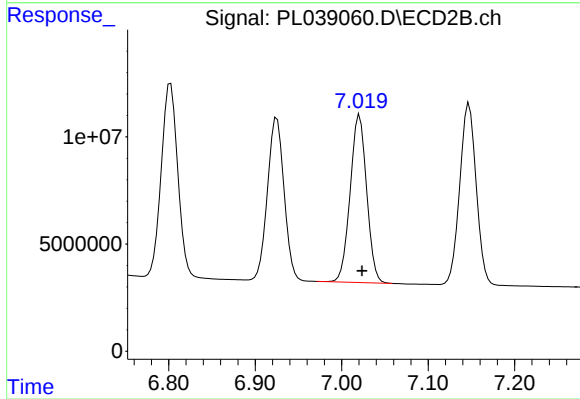
#17 4,4'-DDT

R.T.: 6.179 min  
Delta R.T.: -0.011 min  
Response: 342122398  
Conc: 46.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

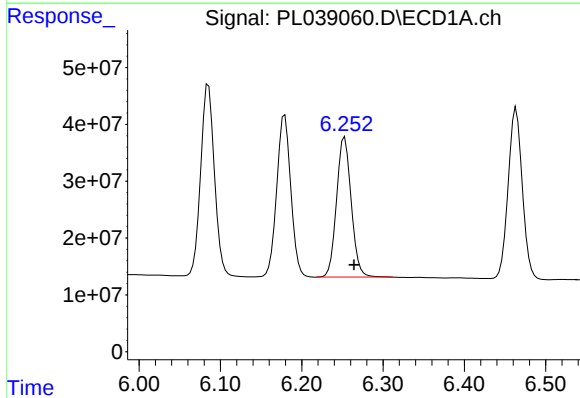
Manual Integrations  
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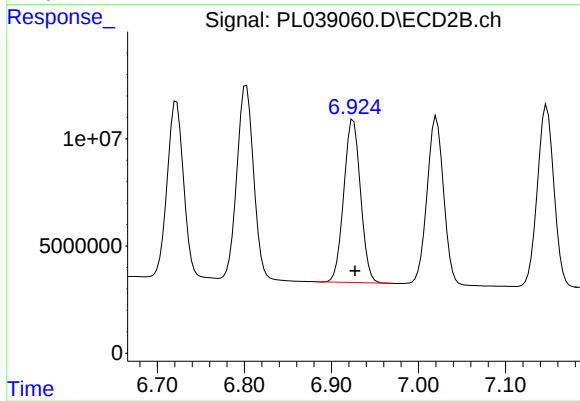
#17 4,4'-DDT

R.T.: 7.021 min  
Delta R.T.: -0.003 min  
Response: 103296587  
Conc: 48.45 ng/ml



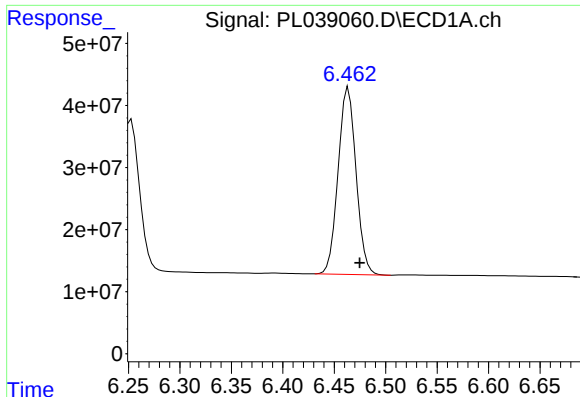
#18 Endrin aldehyde

R.T.: 6.253 min  
Delta R.T.: -0.011 min  
Response: 308144920  
Conc: 48.39 ng/ml



#18 Endrin aldehyde

R.T.: 6.925 min  
Delta R.T.: -0.002 min  
Response: 101475250  
Conc: 52.00 ng/ml



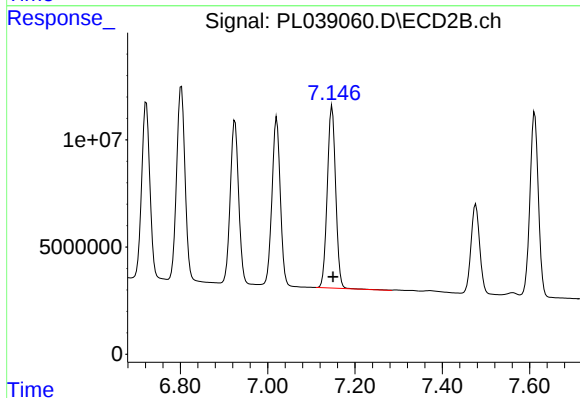
#19 Endosulfan Sulfate

R.T.: 6.464 min  
Delta R.T.: -0.011 min  
Response: 365554374  
Conc: 48.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

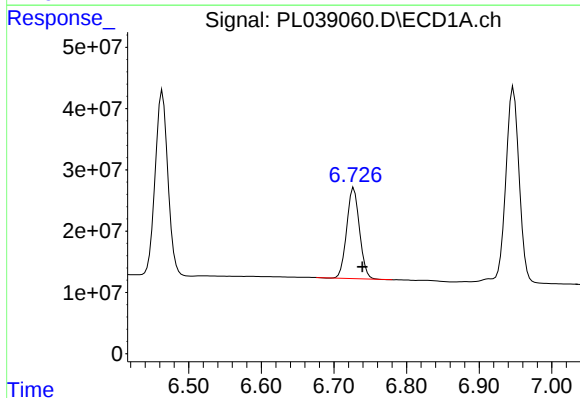
Manual Integrations  
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8/10/2018 10:46:19 AM



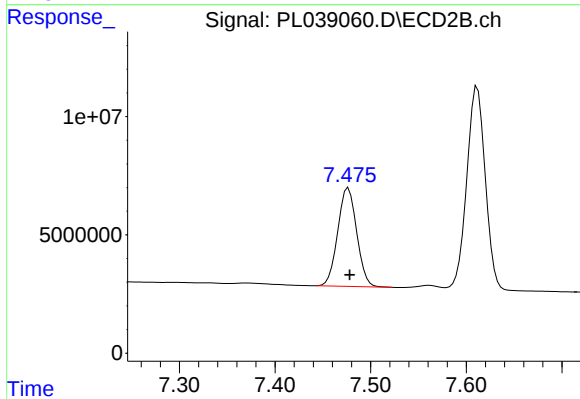
#19 Endosulfan Sulfate

R.T.: 7.147 min  
Delta R.T.: -0.002 min  
Response: 113034202  
Conc: 51.86 ng/ml



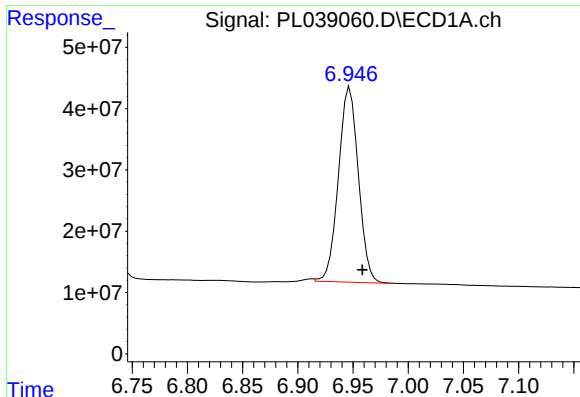
#20 Methoxychlor

R.T.: 6.727 min  
Delta R.T.: -0.012 min  
Response: 181999516  
Conc: 47.30 ng/ml



#20 Methoxychlor

R.T.: 7.477 min  
Delta R.T.: -0.002 min  
Response: 57307108  
Conc: 50.33 ng/ml



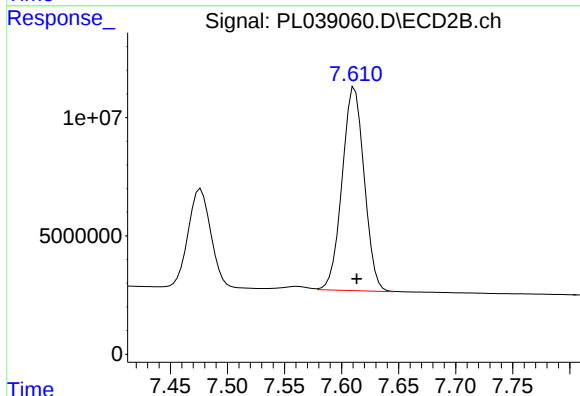
#21 Endrin ketone

R.T.: 6.946 min  
Delta R.T.: -0.013 min  
Response: 399263580  
Conc: 50.89 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

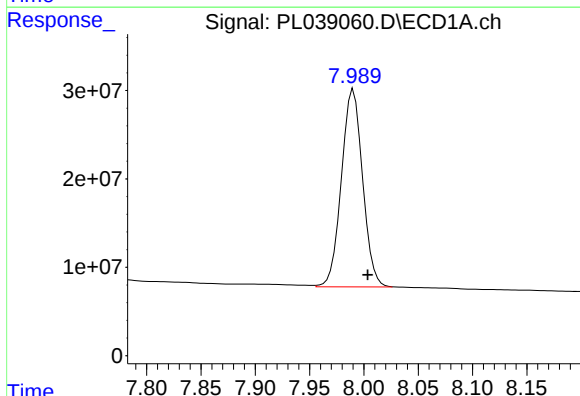
Manual Integrations  
APPROVED

Sohil  
8/10/2018 10:46:19 AM



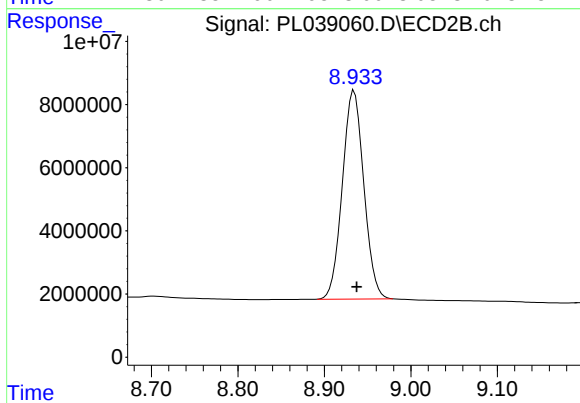
#21 Endrin ketone

R.T.: 7.610 min  
Delta R.T.: -0.003 min  
Response: 115709962  
Conc: 48.55 ng/ml m



#28 Decachlorobiphenyl

R.T.: 7.989 min  
Delta R.T.: -0.014 min  
Response: 303607538  
Conc: 40.02 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.934 min  
Delta R.T.: -0.003 min  
Response: 113478750  
Conc: 46.42 ng/ml