

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL061918\  
 Data File : PL037135.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 Jun 2018 16:41  
 Operator : UA\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: Jun 20 07:26:23 2018  
 Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD\_L\methods\PL061418.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jun 14 16:13:31 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... | 3.339 | 3.939 | 369.2E6 | 134.4E6  | 51.920  | 52.588 |
| 28)                         | SA Decachlor... | 8.023 | 8.952 | 243.4E6 | 76663985 | 37.405  | 30.053 |
| Target Compounds            |                 |       |       |         |          |         |        |
| 2)                          | A alpha-BHC     | 3.770 | 4.318 | 589.1E6 | 177.1E6  | 52.624  | 49.404 |
| 3)                          | MA gamma-BHC... | 4.046 | 4.598 | 539.5E6 | 145.8E6  | 55.760m | 45.434 |
| 4)                          | MA Heptachlor   | 4.333 | 5.109 | 470.4E6 | 134.2E6  | 50.948  | 41.378 |
| 5)                          | MB Aldrin       | 4.574 | 5.412 | 445.5E6 | 116.8E6  | 48.195  | 39.539 |
| 6)                          | B beta-BHC      | 4.302 | 4.759 | 198.9E6 | 64743985 | 46.571  | 43.207 |
| 7)                          | B delta-BHC     | 4.497 | 4.973 | 464.5E6 | 107.2E6  | 48.398  | 38.810 |
| 8)                          | B Heptachlo...  | 5.013 | 5.791 | 413.6E6 | 109.6E6  | 49.073  | 39.707 |
| 9)                          | A Endosulfan I  | 5.344 | 6.145 | 322.9E6 | 93488668 | 42.252  | 38.091 |
| 10)                         | B gamma-Chl...  | 5.235 | 6.025 | 378.5E6 | 98951421 | 45.003  | 35.574 |
| 11)                         | B alpha-Chl...  | 5.292 | 6.098 | 354.3E6 | 103.9E6  | 43.495  | 37.786 |
| 12)                         | B 4,4'-DDE      | 5.462 | 6.253 | 340.8E6 | 88636586 | 43.334  | 36.126 |
| 13)                         | MA Dieldrin     | 5.584 | 6.399 | 334.8E6 | 94681925 | 41.682  | 36.789 |
| 14)                         | MA Endrin       | 5.838 | 6.613 | 309.3E6 | 83118935 | 44.391  | 37.143 |
| 15)                         | B Endosulfa...  | 6.113 | 6.816 | 279.3E6 | 83818732 | 41.609  | 34.499 |
| 16)                         | A 4,4'-DDD      | 5.974 | 6.735 | 280.0E6 | 69738057 | 46.960  | 35.466 |
| 17)                         | MA 4,4'-DDT     | 6.209 | 7.034 | 250.2E6 | 71885927 | 42.623  | 34.159 |
| 18)                         | B Endrin al...  | 6.281 | 6.938 | 210.1E6 | 72733914 | 41.397  | 37.403 |
| 19)                         | B Endosulfa...  | 6.492 | 7.161 | 242.6E6 | 71572982 | 40.124  | 32.993 |
| 20)                         | A Methoxychlor  | 6.758 | 7.489 | 126.8E6 | 39205384 | 39.935  | 32.366 |
| 21)                         | B Endrin ke...  | 6.977 | 7.625 | 242.6E6 | 76458921 | 37.007  | 33.559 |
| -----                       |                 |       |       |         |          |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL061918\  
Data File : PL037135.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 Jun 2018 16:41  
Operator : UA\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

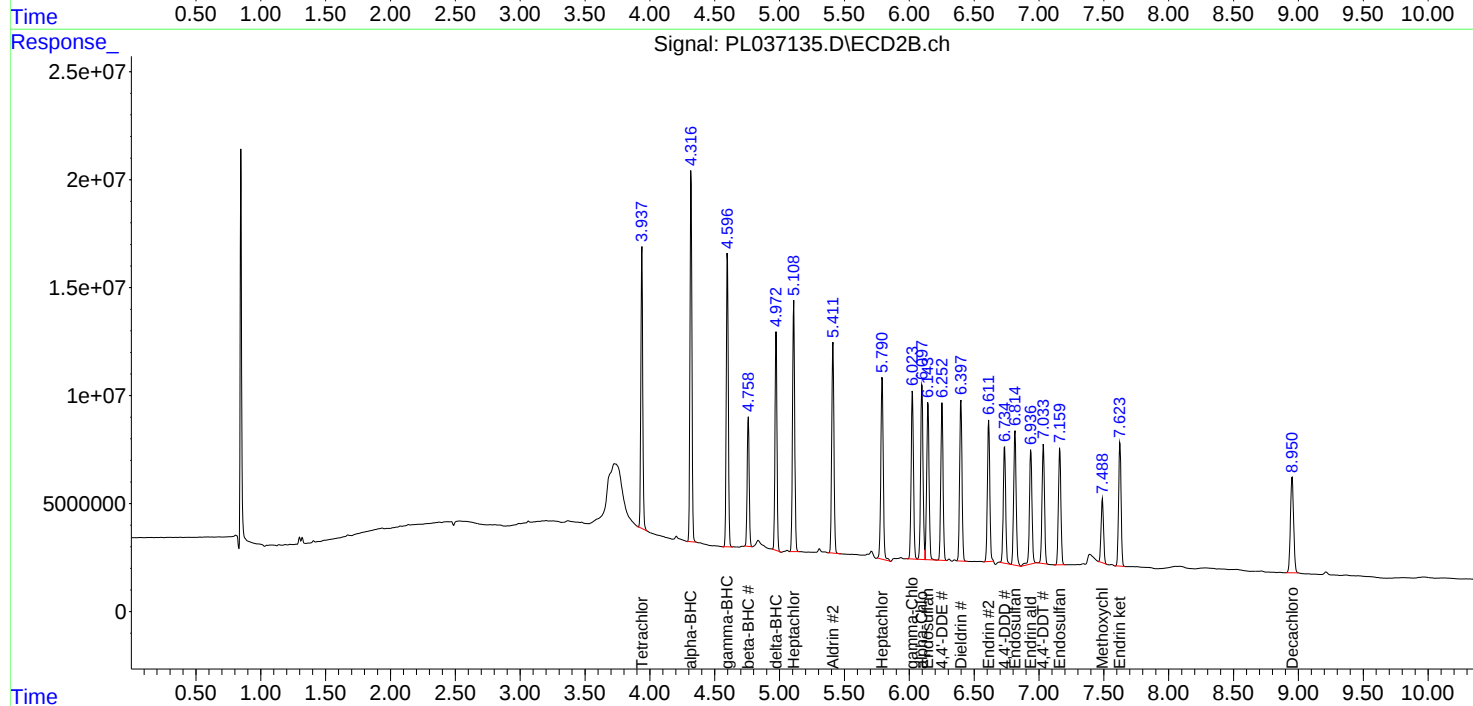
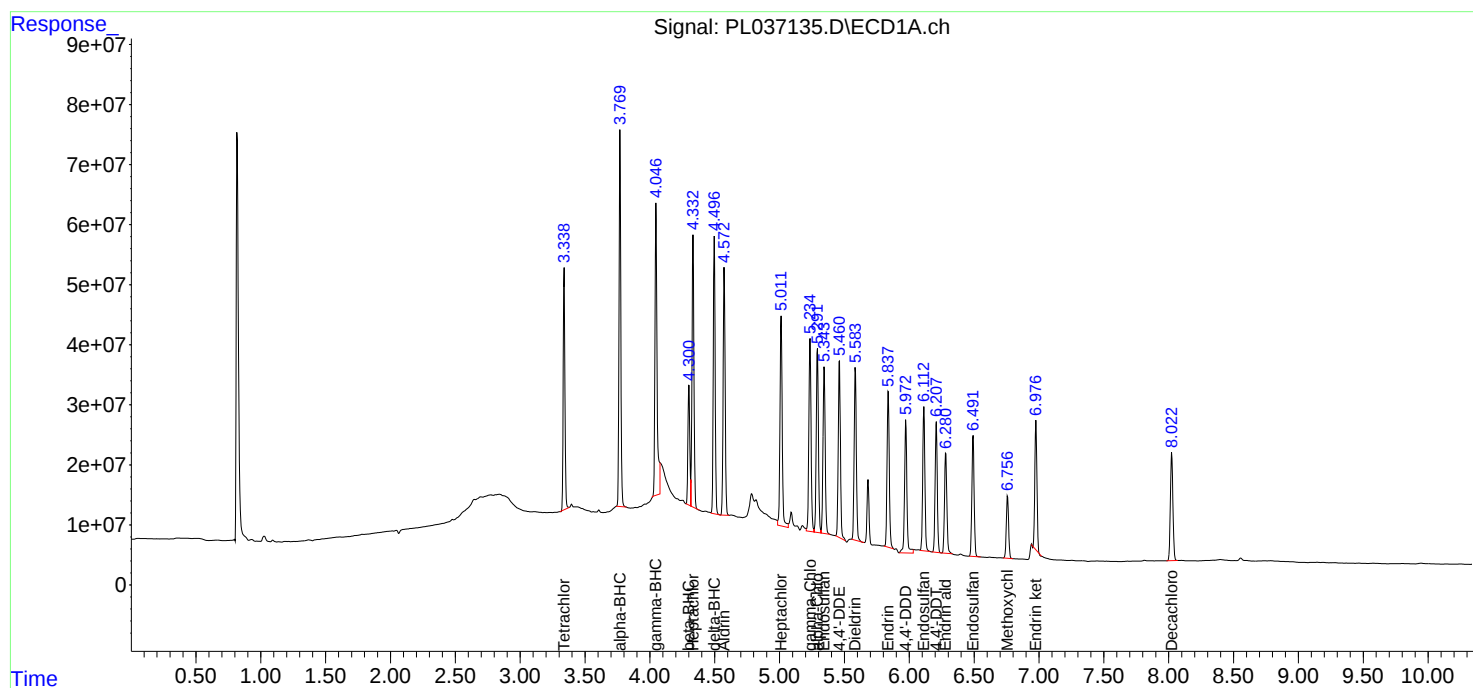
Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

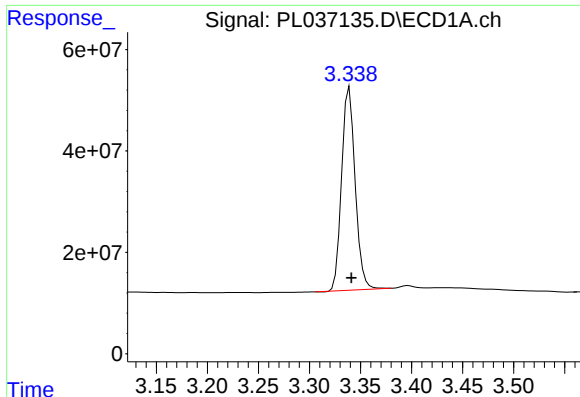
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 20 07:26:23 2018  
Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD\_L\methods\PL061418.M  
Quant Title : GC Extractables  
QLast Update : Thu Jun 14 16:13:31 2018  
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





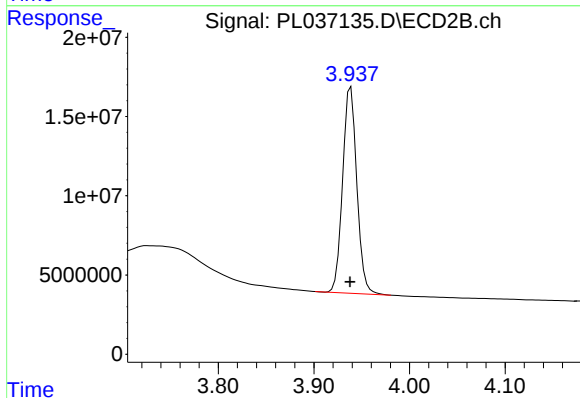
#1 Tetrachloro-m-xylene

R.T.: 3.339 min  
Delta R.T.: -0.002 min  
Response: 369217496  
Conc: 51.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

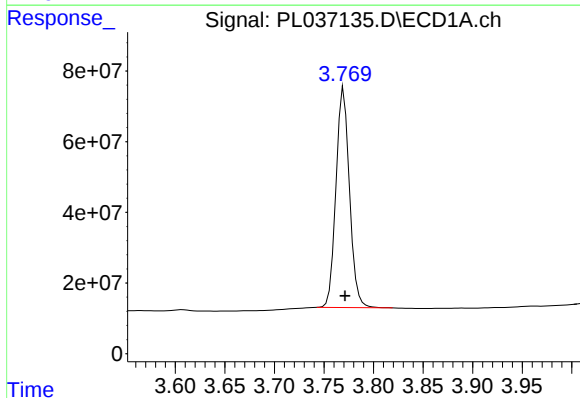
Manual Integrations  
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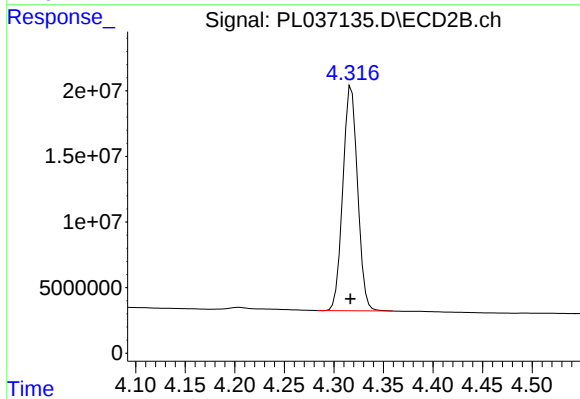
#1 Tetrachloro-m-xylene

R.T.: 3.939 min  
Delta R.T.: 0.000 min  
Response: 134441408  
Conc: 52.59 ng/ml



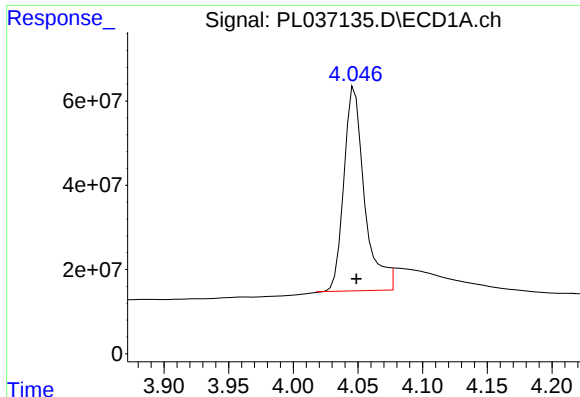
#2 alpha-BHC

R.T.: 3.770 min  
Delta R.T.: -0.001 min  
Response: 589120201  
Conc: 52.62 ng/ml



#2 alpha-BHC

R.T.: 4.318 min  
Delta R.T.: 0.000 min  
Response: 177110333  
Conc: 49.40 ng/ml



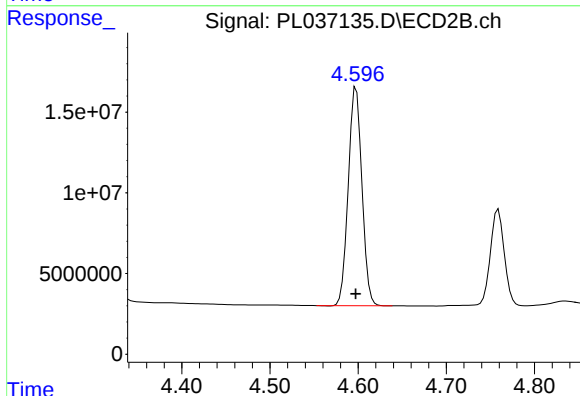
#3 gamma-BHC (Lindane)

R.T.: 4.046 min  
Delta R.T.: -0.003 min  
Response: 539505461  
Conc: 55.76 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

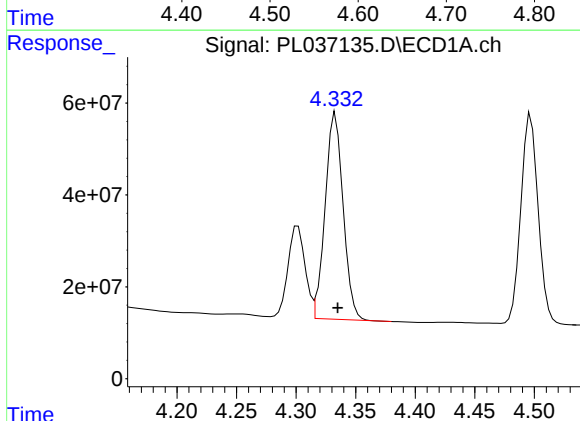
Manual Integrations  
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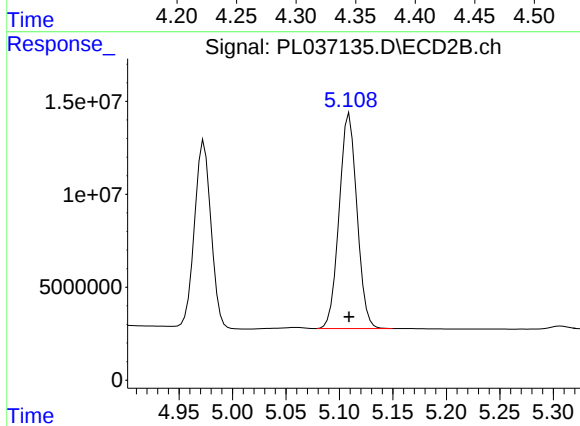
#3 gamma-BHC (Lindane)

R.T.: 4.598 min  
Delta R.T.: 0.000 min  
Response: 145841861  
Conc: 45.43 ng/ml



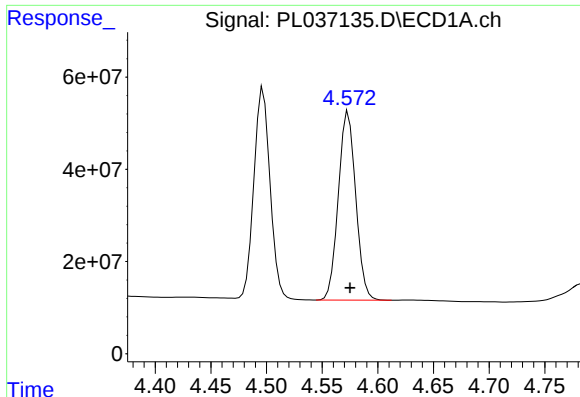
#4 Heptachlor

R.T.: 4.333 min  
Delta R.T.: -0.002 min  
Response: 470421465  
Conc: 50.95 ng/ml



#4 Heptachlor

R.T.: 5.109 min  
Delta R.T.: 0.000 min  
Response: 134216747  
Conc: 41.38 ng/ml



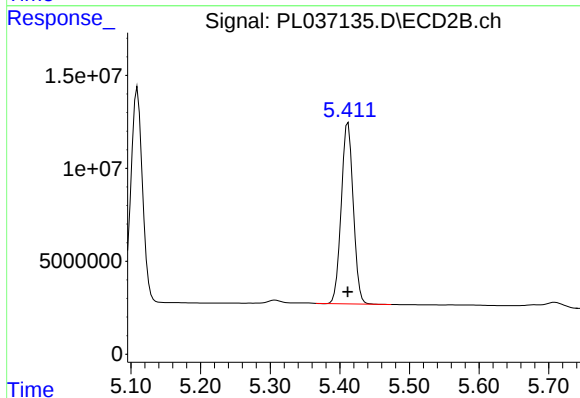
#5 Aldrin

R.T.: 4.574 min  
Delta R.T.: -0.002 min  
Response: 445497413  
Conc: 48.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

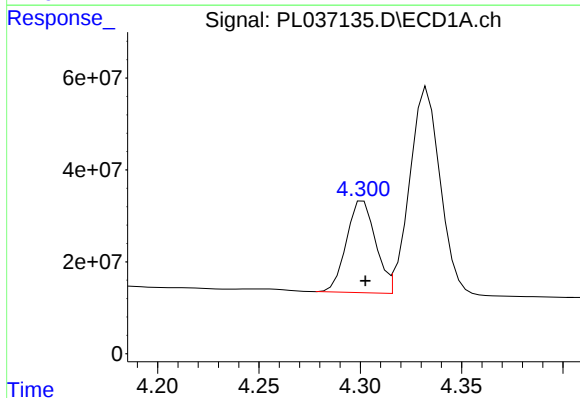
Manual Integrations  
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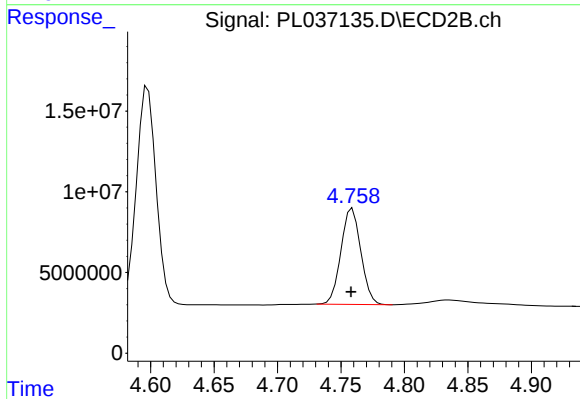
#5 Aldrin

R.T.: 5.412 min  
Delta R.T.: 0.000 min  
Response: 116831548  
Conc: 39.54 ng/ml



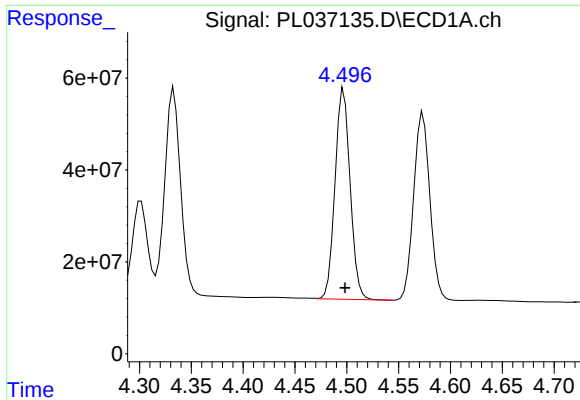
#6 beta-BHC

R.T.: 4.302 min  
Delta R.T.: 0.000 min  
Response: 198884537  
Conc: 46.57 ng/ml



#6 beta-BHC

R.T.: 4.759 min  
Delta R.T.: 0.001 min  
Response: 64743985  
Conc: 43.21 ng/ml



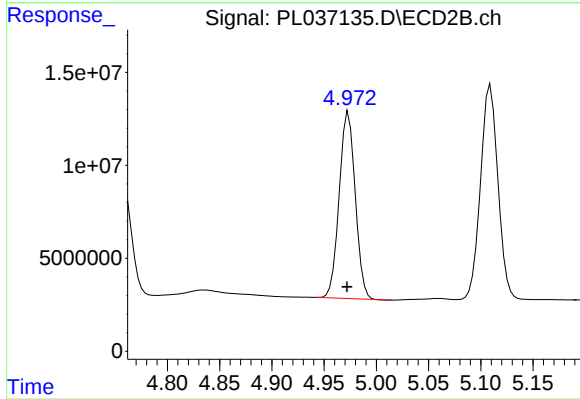
#7 delta-BHC

R.T.: 4.497 min  
Delta R.T.: -0.001 min  
Response: 464459369  
Conc: 48.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

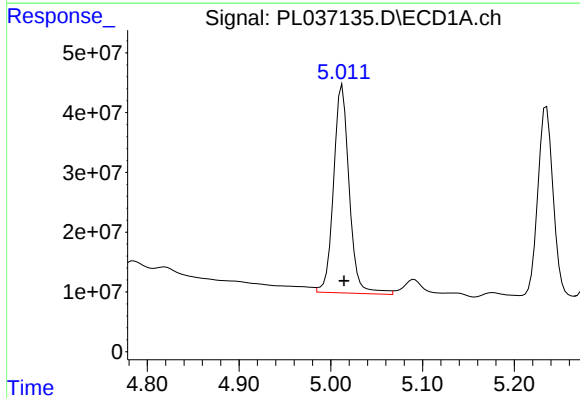
Manual Integrations  
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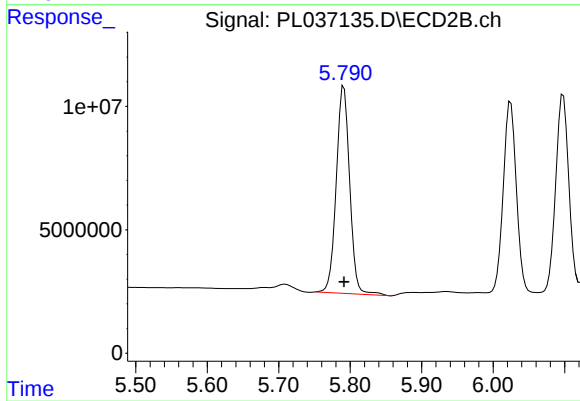
#7 delta-BHC

R.T.: 4.973 min  
Delta R.T.: 0.001 min  
Response: 107209450  
Conc: 38.81 ng/ml



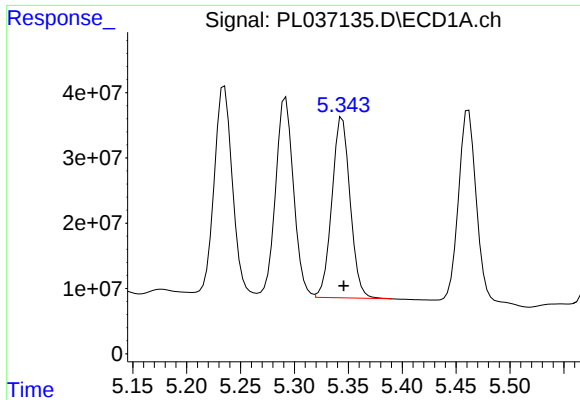
#8 Heptachlor epoxide

R.T.: 5.013 min  
Delta R.T.: -0.002 min  
Response: 413618405  
Conc: 49.07 ng/ml



#8 Heptachlor epoxide

R.T.: 5.791 min  
Delta R.T.: 0.000 min  
Response: 109563774  
Conc: 39.71 ng/ml



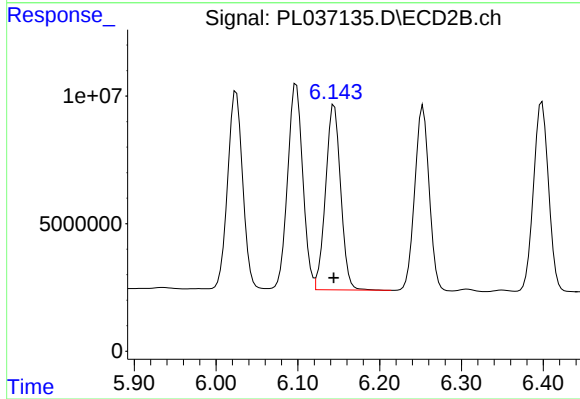
#9 Endosulfan I

R.T.: 5.344 min  
Delta R.T.: -0.001 min  
Response: 322858033  
Conc: 42.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

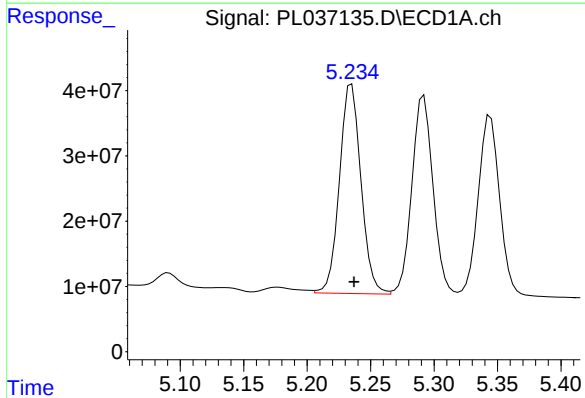
Manual Integrations  
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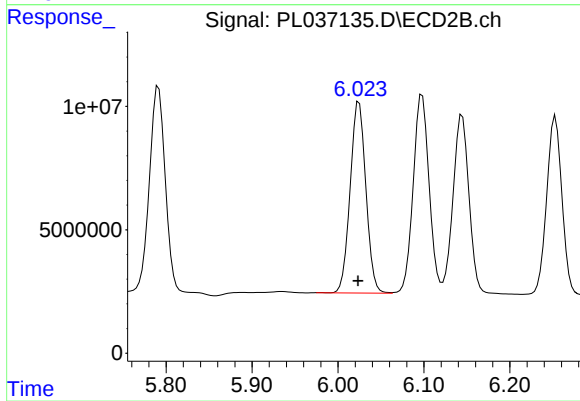
#9 Endosulfan I

R.T.: 6.145 min  
Delta R.T.: 0.000 min  
Response: 93488668  
Conc: 38.09 ng/ml



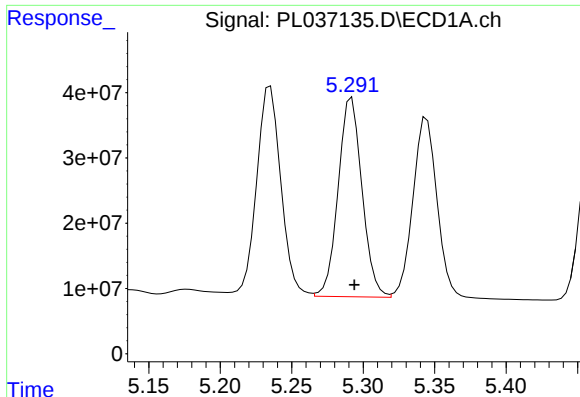
#10 gamma-Chlordane

R.T.: 5.235 min  
Delta R.T.: -0.002 min  
Response: 378475039  
Conc: 45.00 ng/ml



#10 gamma-Chlordane

R.T.: 6.025 min  
Delta R.T.: 0.001 min  
Response: 98951421  
Conc: 35.57 ng/ml



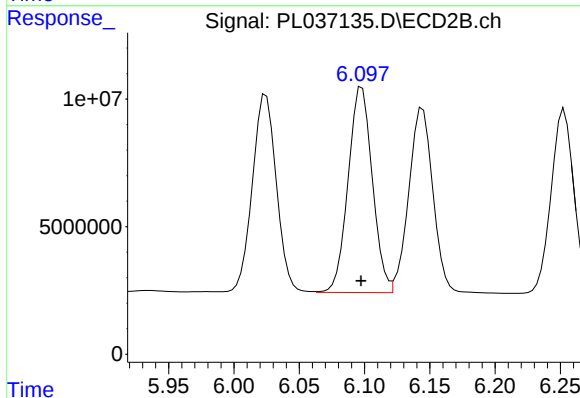
#11 alpha-Chlordane

R.T.: 5.292 min  
Delta R.T.: -0.002 min  
Response: 354325700  
Conc: 43.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

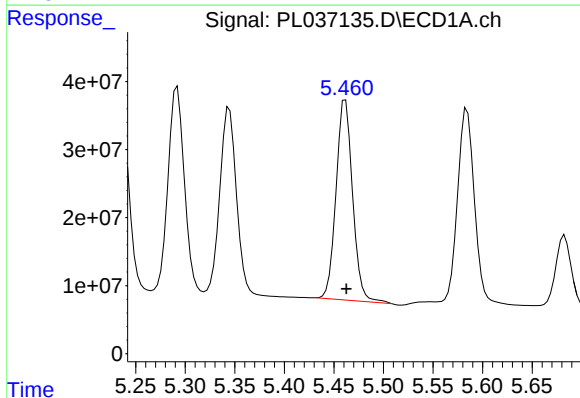
Manual Integrations  
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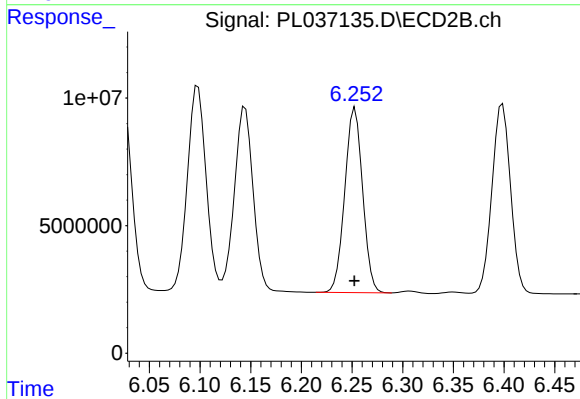
#11 alpha-Chlordane

R.T.: 6.098 min  
Delta R.T.: 0.000 min  
Response: 103928264  
Conc: 37.79 ng/ml



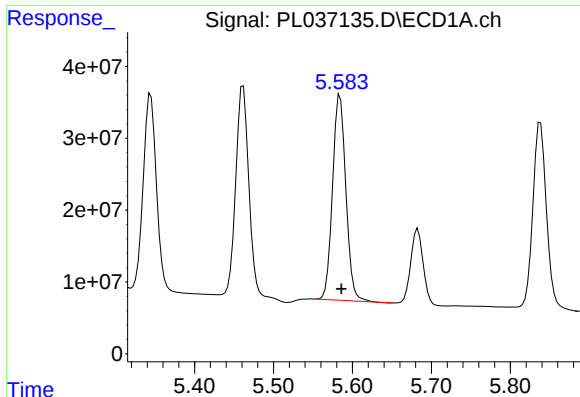
#12 4,4'-DDE

R.T.: 5.462 min  
Delta R.T.: 0.000 min  
Response: 340814374  
Conc: 43.33 ng/ml



#12 4,4'-DDE

R.T.: 6.253 min  
Delta R.T.: 0.000 min  
Response: 88636586  
Conc: 36.13 ng/ml



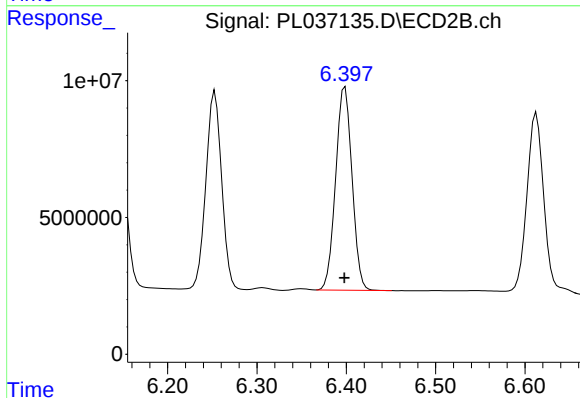
#13 Dieldrin

R.T.: 5.584 min  
Delta R.T.: -0.002 min  
Response: 334807504  
Conc: 41.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

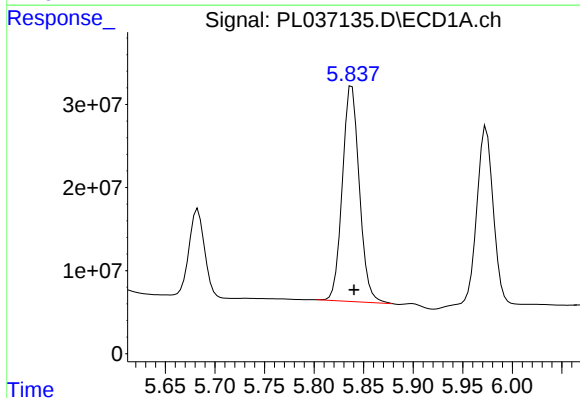
Manual Integrations  
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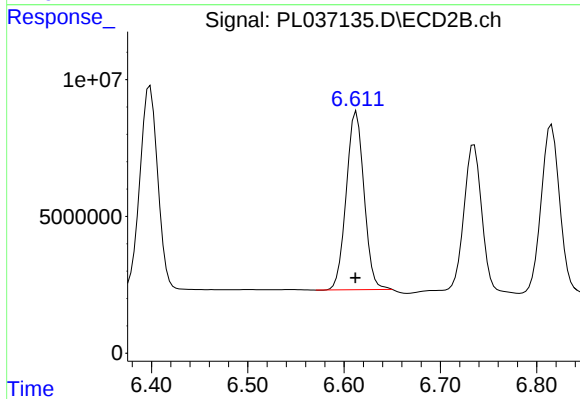
#13 Dieldrin

R.T.: 6.399 min  
Delta R.T.: 0.000 min  
Response: 94681925  
Conc: 36.79 ng/ml



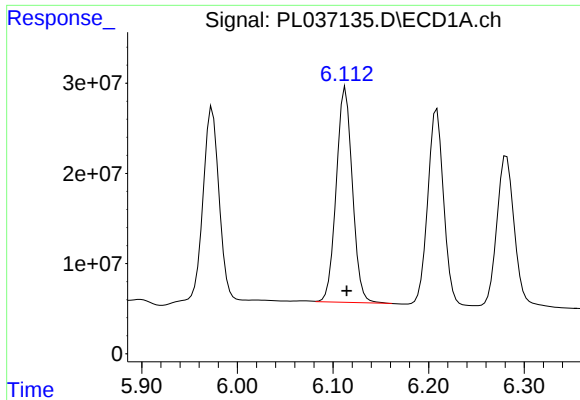
#14 Endrin

R.T.: 5.838 min  
Delta R.T.: -0.002 min  
Response: 309279662  
Conc: 44.39 ng/ml



#14 Endrin

R.T.: 6.613 min  
Delta R.T.: 0.001 min  
Response: 83118935  
Conc: 37.14 ng/ml



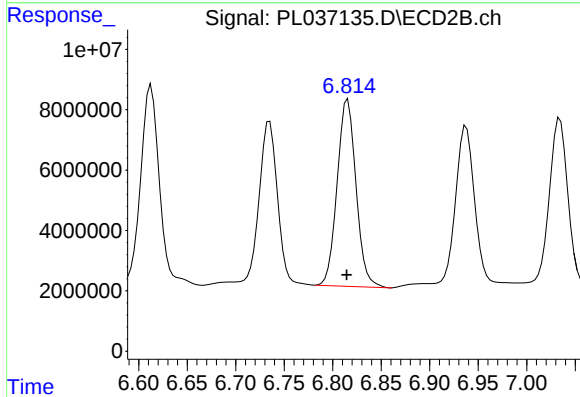
#15 Endosulfan II

R.T.: 6.113 min  
Delta R.T.: -0.001 min  
Response: 279259169  
Conc: 41.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

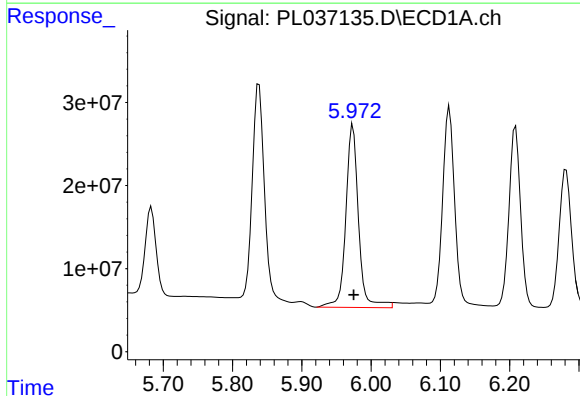
Manual Integrations  
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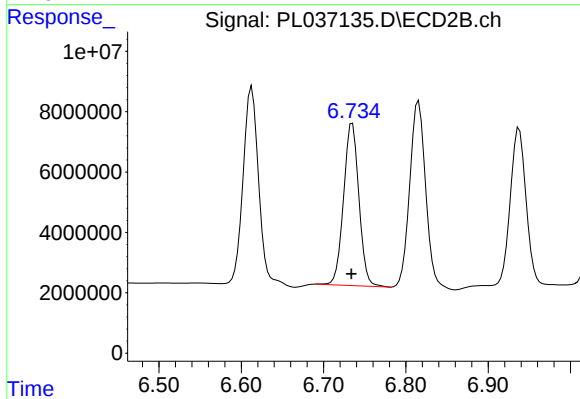
#15 Endosulfan II

R.T.: 6.816 min  
Delta R.T.: 0.000 min  
Response: 83818732  
Conc: 34.50 ng/ml



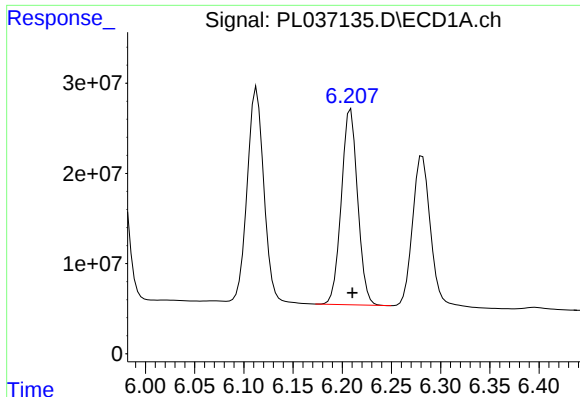
#16 4,4'-DDD

R.T.: 5.974 min  
Delta R.T.: -0.001 min  
Response: 279999267  
Conc: 46.96 ng/ml



#16 4,4'-DDD

R.T.: 6.735 min  
Delta R.T.: 0.001 min  
Response: 69738057  
Conc: 35.47 ng/ml



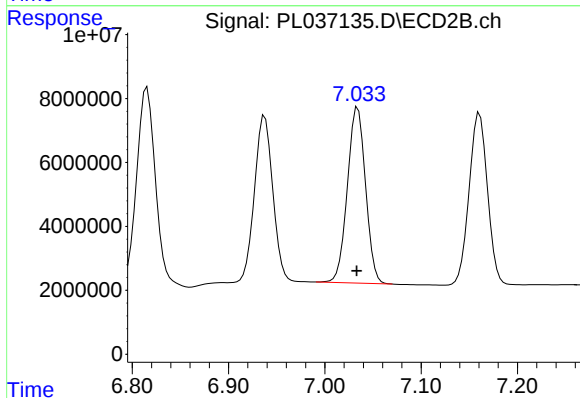
#17 4,4'-DDT

R.T.: 6.209 min  
Delta R.T.: -0.002 min  
Response: 250231049  
Conc: 42.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

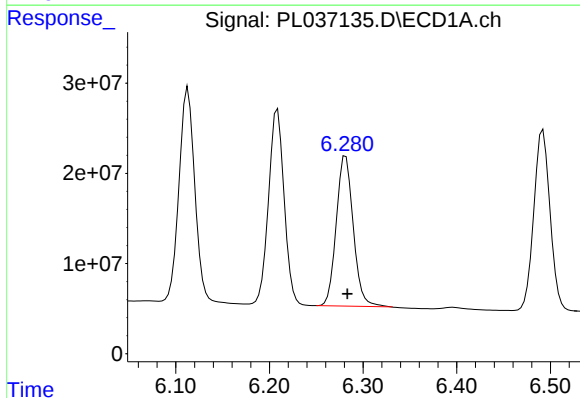
Manual Integrations  
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6/20/2018 3:39:10 PM



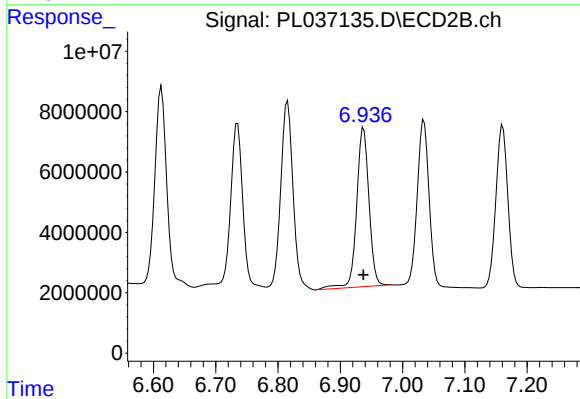
#17 4,4'-DDT

R.T.: 7.034 min  
Delta R.T.: 0.001 min  
Response: 71885927  
Conc: 34.16 ng/ml



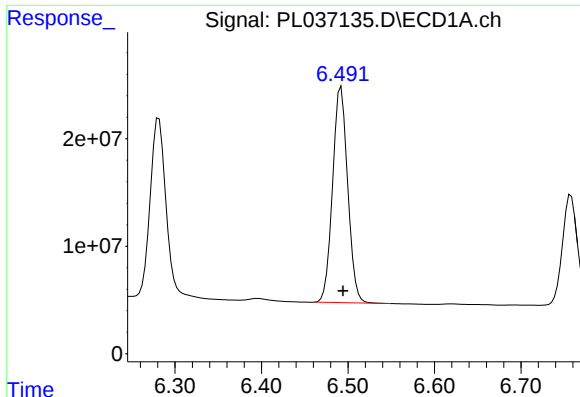
#18 Endrin aldehyde

R.T.: 6.281 min  
Delta R.T.: -0.002 min  
Response: 210089032  
Conc: 41.40 ng/ml



#18 Endrin aldehyde

R.T.: 6.938 min  
Delta R.T.: 0.000 min  
Response: 72733914  
Conc: 37.40 ng/ml



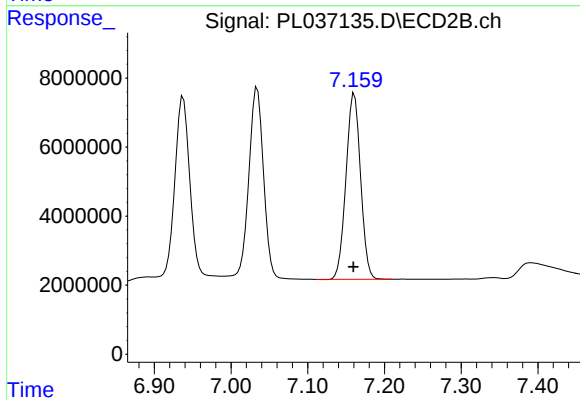
#19 Endosulfan Sulfate

R.T.: 6.492 min  
Delta R.T.: -0.002 min  
Response: 242638450  
Conc: 40.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

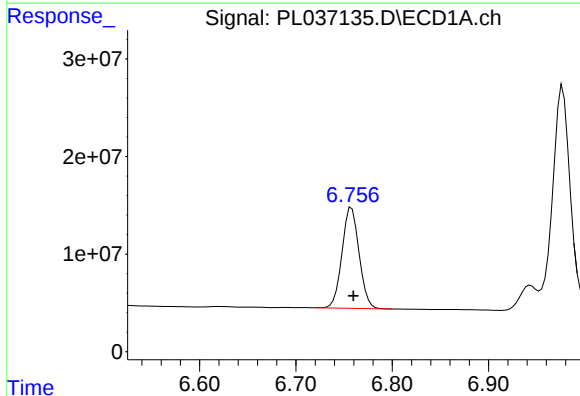
Manual Integrations  
APPROVED

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6/20/2018 3:39:10 PM



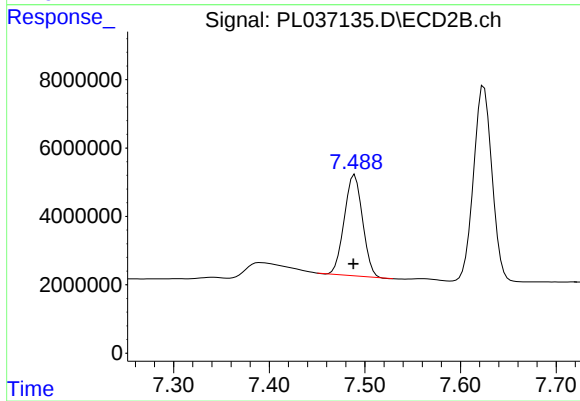
#19 Endosulfan Sulfate

R.T.: 7.161 min  
Delta R.T.: 0.001 min  
Response: 71572982  
Conc: 32.99 ng/ml



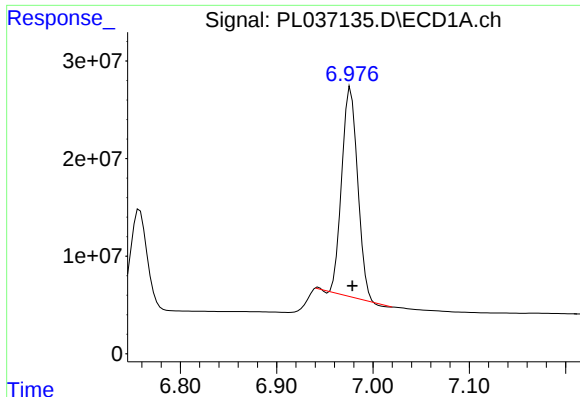
#20 Methoxychlor

R.T.: 6.758 min  
Delta R.T.: -0.002 min  
Response: 126757885  
Conc: 39.94 ng/ml



#20 Methoxychlor

R.T.: 7.489 min  
Delta R.T.: 0.001 min  
Response: 39205384  
Conc: 32.37 ng/ml



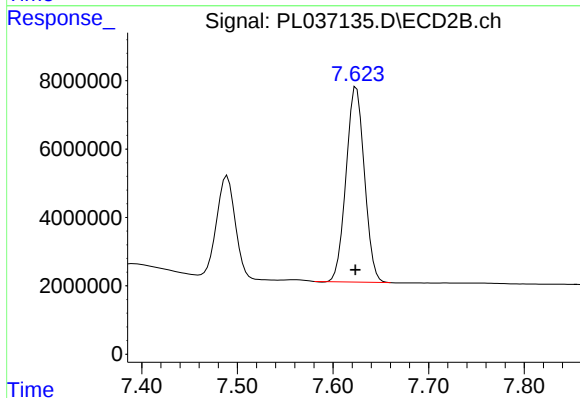
#21 Endrin ketone

R.T.: 6.977 min  
Delta R.T.: -0.002 min  
Response: 242605455  
Conc: 37.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

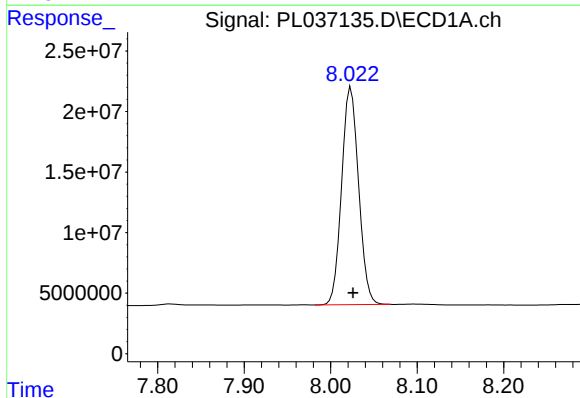
Manual Integrations  
APPROVED

ugo  
6/20/2018 3:39:10 PM



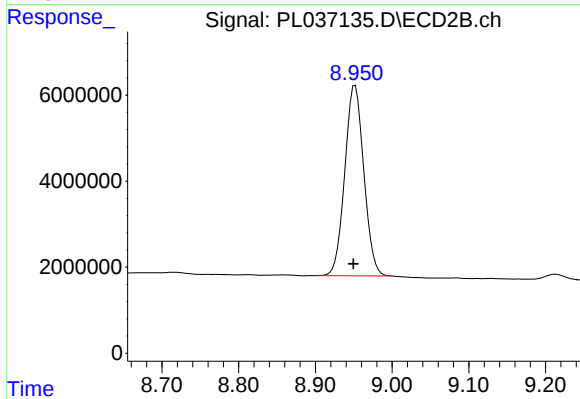
#21 Endrin ketone

R.T.: 7.625 min  
Delta R.T.: 0.001 min  
Response: 76458921  
Conc: 33.56 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.023 min  
Delta R.T.: -0.002 min  
Response: 243355001  
Conc: 37.41 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.952 min  
Delta R.T.: 0.002 min  
Response: 76663985  
Conc: 30.05 ng/ml