

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL093019\  
 Data File : PL052866.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Sep 2019 18:51  
 Operator : SG\AJ  
 Sample : K5054-01MS  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PAT-091019-BMS

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 01 01:00:58 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092919.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Sep 30 08:44:08 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... | 3.549 | 4.048 | 143.0E6 | 50224087 | 14.372 | 18.704 # |
| 28)                         | SA Decachlor... | 8.344 | 9.123 | 165.7E6 | 55272672 | 16.540 | 18.840   |
| Target Compounds            |                 |       |       |         |          |        |          |
| 2)                          | A alpha-BHC     | 3.994 | 4.437 | 755.6E6 | 188.1E6  | 47.370 | 48.991m  |
| 3)                          | MA gamma-BHC... | 4.281 | 4.724 | 678.5E6 | 182.1E6  | 46.587 | 50.280   |
| 4)                          | MA Heptachlor   | 4.590 | 5.233 | 711.9E6 | 190.2E6  | 47.642 | 49.920   |
| 5)                          | MB Aldrin       | 4.842 | 5.539 | 673.9E6 | 178.4E6  | 48.990 | 51.476   |
| 6)                          | B beta-BHC      | 4.530 | 4.892 | 286.4E6 | 77678514 | 46.130 | 49.420   |
| 7)                          | B delta-BHC     | 4.739 | 5.110 | 633.4E6 | 163.0E6  | 44.202 | 45.022   |
| 8)                          | B Heptachlo...  | 5.288 | 5.925 | 624.6E6 | 174.8E6  | 47.935 | 52.170   |
| 9)                          | A Endosulfan I  | 5.630 | 6.281 | 579.7E6 | 157.3E6  | 47.768 | 50.314   |
| 10)                         | B gamma-Chl...  | 5.517 | 6.158 | 646.1E6 | 170.7E6  | 48.041 | 50.471   |
| 11)                         | B alpha-Chl...  | 5.576 | 6.231 | 620.0E6 | 169.3E6  | 47.004 | 50.305   |
| 12)                         | B 4,4'-DDE      | 5.739 | 6.386 | 584.1E6 | 165.4E6  | 50.322 | 50.634   |
| 13)                         | MA Dieldrin     | 5.876 | 6.538 | 626.7E6 | 168.4E6  | 48.550 | 51.617   |
| 14)                         | MA Endrin       | 6.133 | 6.756 | 560.9E6 | 148.8E6  | 49.246 | 53.592   |
| 15)                         | B Endosulfa...  | 6.407 | 6.964 | 588.8E6 | 160.6E6  | 51.383 | 54.115   |
| 16)                         | A 4,4'-DDD      | 6.257 | 6.876 | 473.4E6 | 130.7E6  | 52.671 | 53.300   |
| 17)                         | MA 4,4'-DDT     | 6.500 | 7.174 | 501.8E6 | 130.0E6  | 49.134 | 49.944   |
| 18)                         | B Endrin al...  | 6.575 | 7.087 | 416.8E6 | 119.7E6  | 44.384 | 48.816   |
| 19)                         | B Endosulfa...  | 6.788 | 7.310 | 500.6E6 | 135.9E6  | 48.089 | 49.780   |
| 20)                         | A Methoxychlor  | 7.047 | 7.631 | 240.8E6 | 74326792 | 46.680 | 52.792   |
| 21)                         | B Endrin ke...  | 7.284 | 7.781 | 539.4E6 | 148.3E6  | 46.283 | 51.974   |
| 22)                         | Mirex           | 7.479 | 8.236 | 408.2E6 | 116.1E6  | 43.230 | 51.601   |
| -----                       |                 |       |       |         |          |        |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL093019\  
 Data File : PL052866.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Sep 2019 18:51  
 Operator : SG\AJ  
 Sample : K5054-01MS  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

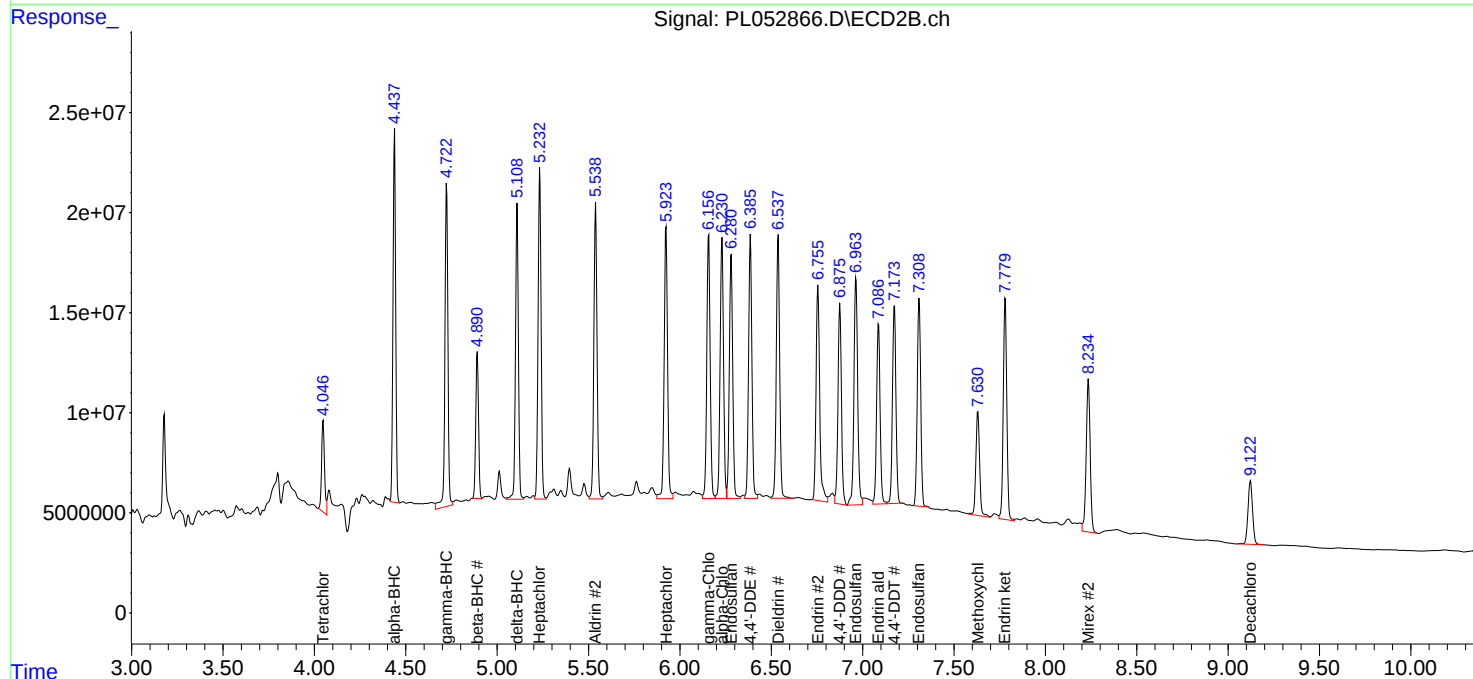
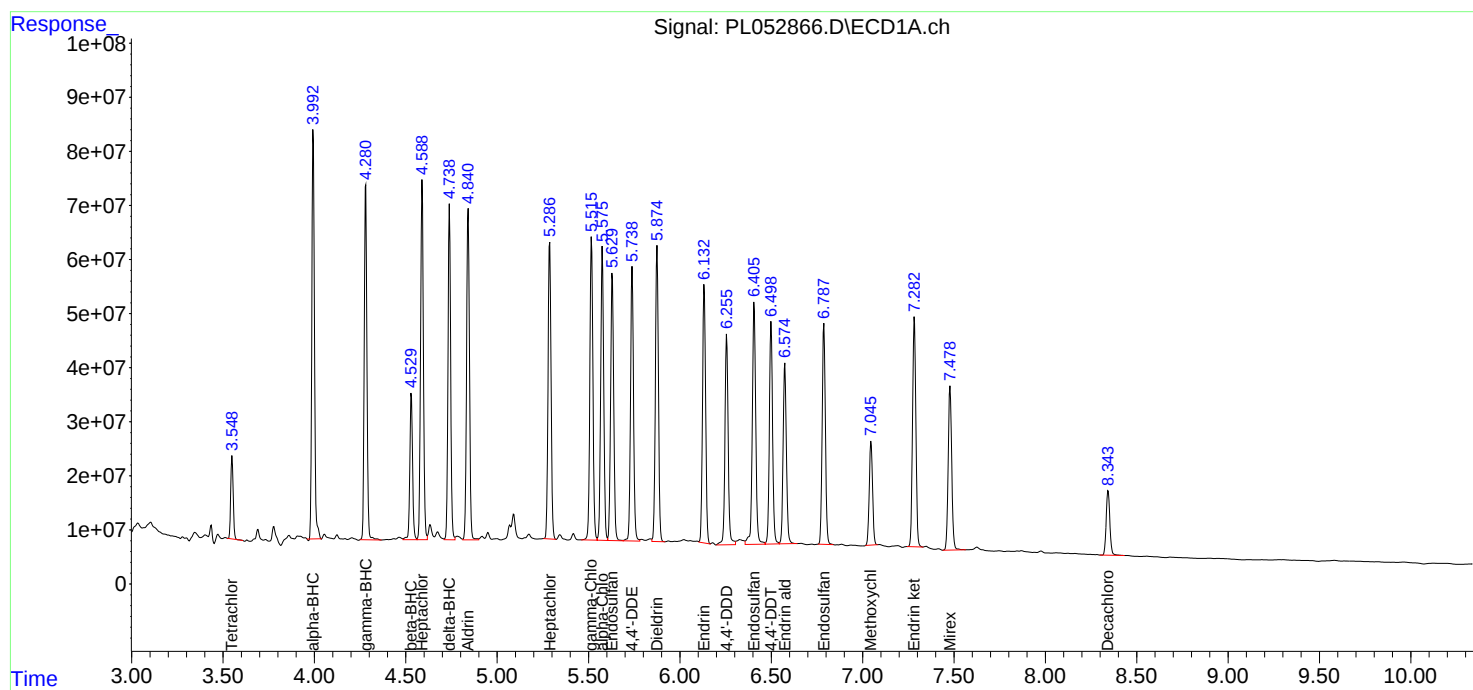
Instrument :  
 ECD\_L  
 ClientSampleId :  
 PAT-091019-BMS

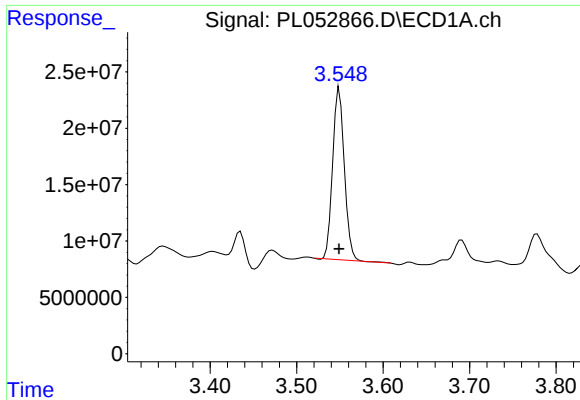
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 01 01:00:58 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092919.M  
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Volume Inj. : 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





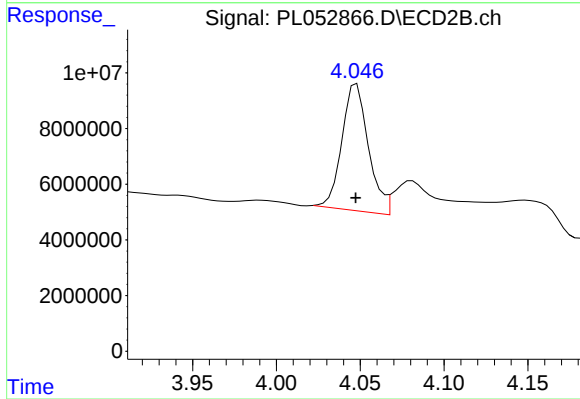
#1 Tetrachloro-m-xylene

R.T.: 3.549 min  
Delta R.T.: 0.000 min  
Response: 142954978  
Conc: 14.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PAT-091019-BMS

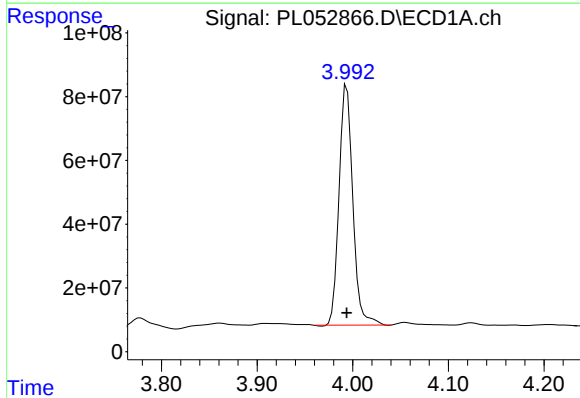
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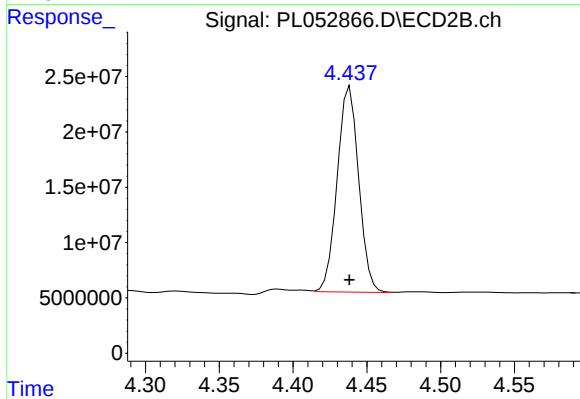
#1 Tetrachloro-m-xylene

R.T.: 4.048 min  
Delta R.T.: 0.000 min  
Response: 50224087  
Conc: 18.70 ng/ml



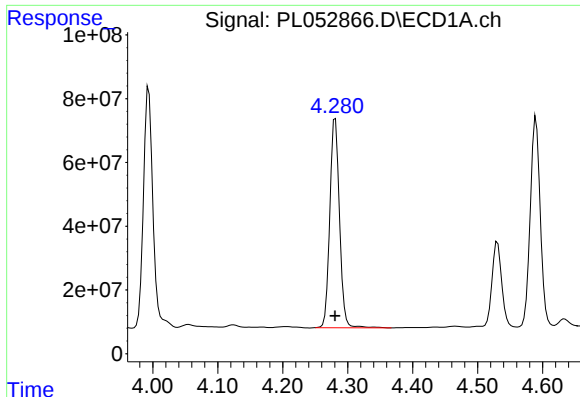
#2 alpha-BHC

R.T.: 3.994 min  
Delta R.T.: 0.000 min  
Response: 755586074  
Conc: 47.37 ng/ml



#2 alpha-BHC

R.T.: 4.437 min  
Delta R.T.: 0.000 min  
Response: 188128058  
Conc: 48.99 ng/ml m



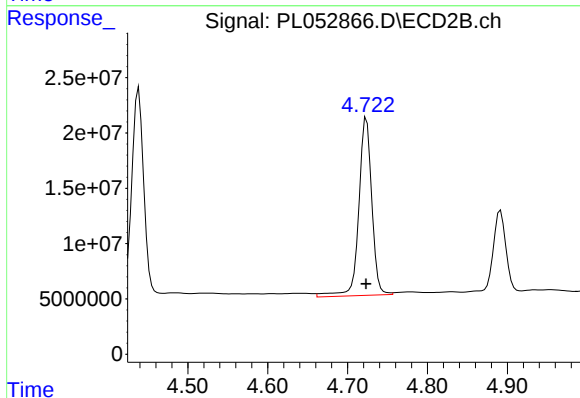
#3 gamma-BHC (Lindane)

R.T.: 4.281 min  
Delta R.T.: 0.000 min  
Response: 678518240  
Conc: 46.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PAT-091019-BMS

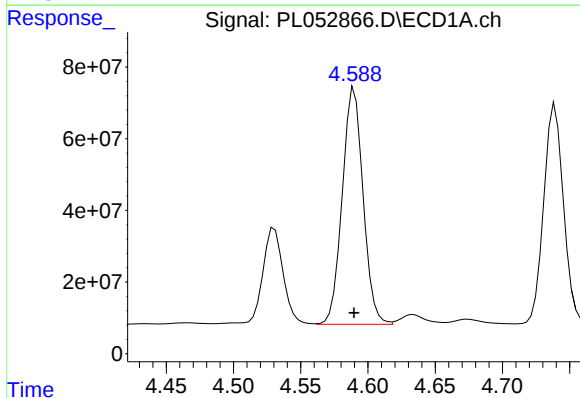
Manual Integrations  
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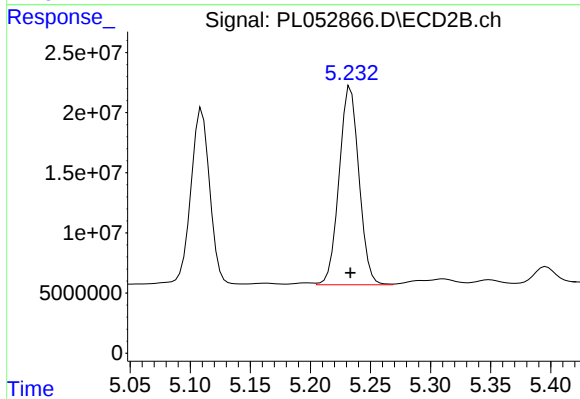
#3 gamma-BHC (Lindane)

R.T.: 4.724 min  
Delta R.T.: 0.000 min  
Response: 182074931  
Conc: 50.28 ng/ml



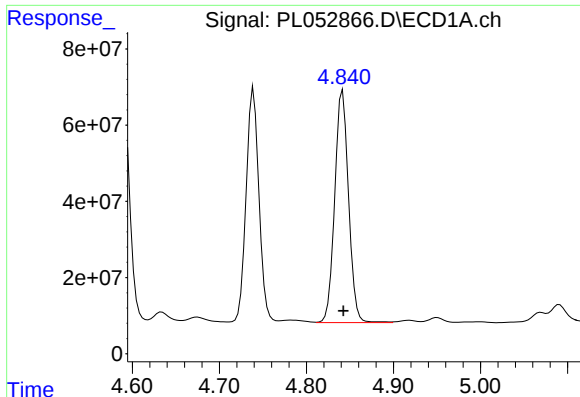
#4 Heptachlor

R.T.: 4.590 min  
Delta R.T.: 0.000 min  
Response: 711868874  
Conc: 47.64 ng/ml



#4 Heptachlor

R.T.: 5.233 min  
Delta R.T.: 0.000 min  
Response: 190231457  
Conc: 49.92 ng/ml



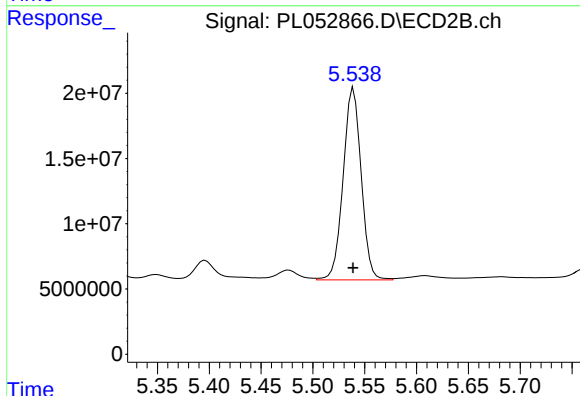
#5 Aldrin

R.T.: 4.842 min  
Delta R.T.: 0.000 min  
Response: 673865581  
Conc: 48.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PAT-091019-BMS

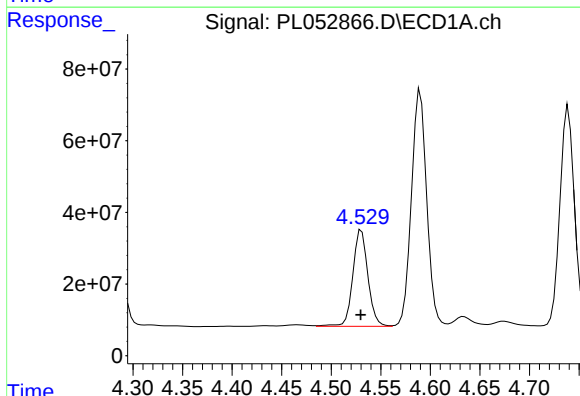
Manual Integrations  
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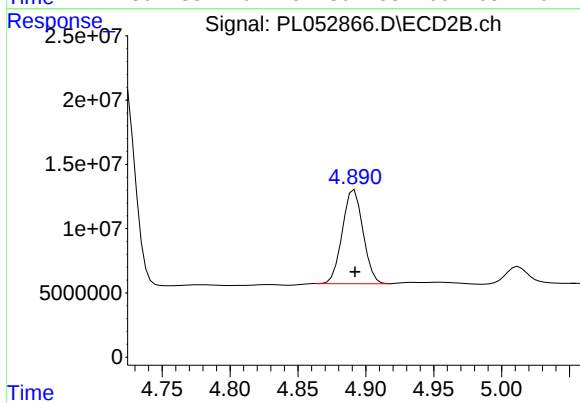
#5 Aldrin

R.T.: 5.539 min  
Delta R.T.: 0.000 min  
Response: 178395396  
Conc: 51.48 ng/ml



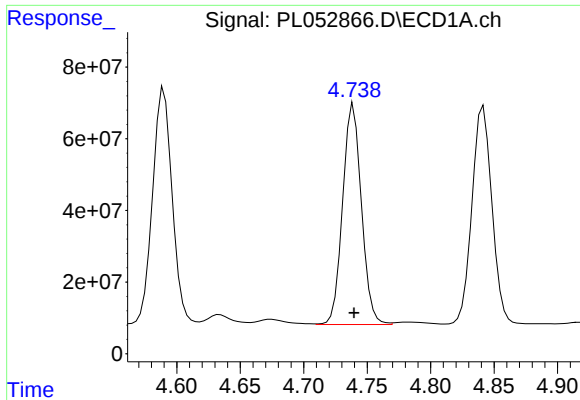
#6 beta-BHC

R.T.: 4.530 min  
Delta R.T.: 0.000 min  
Response: 286400119  
Conc: 46.13 ng/ml



#6 beta-BHC

R.T.: 4.892 min  
Delta R.T.: 0.000 min  
Response: 77678514  
Conc: 49.42 ng/ml



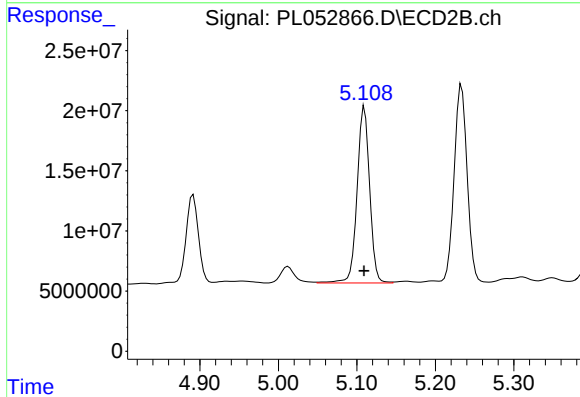
#7 delta-BHC

R.T.: 4.739 min  
Delta R.T.: 0.000 min  
Response: 633382650  
Conc: 44.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PAT-091019-BMS

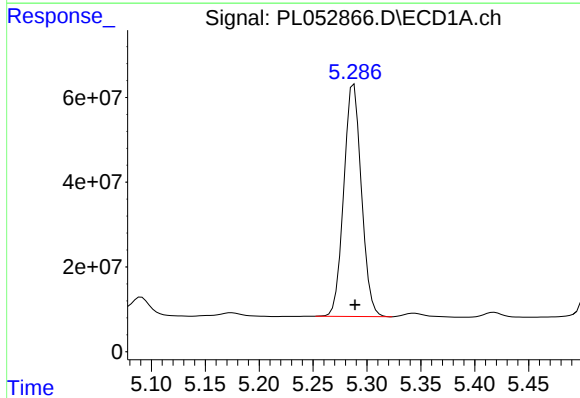
Manual Integrations  
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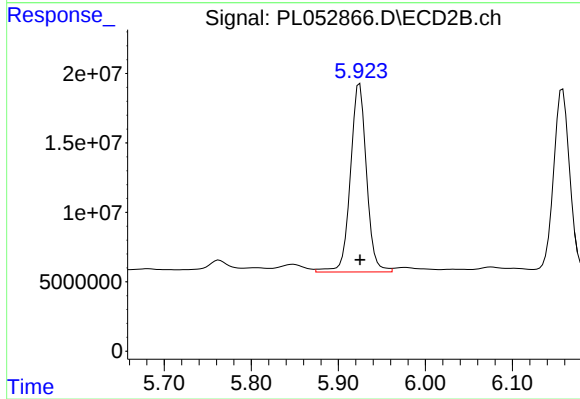
#7 delta-BHC

R.T.: 5.110 min  
Delta R.T.: 0.000 min  
Response: 162972775  
Conc: 45.02 ng/ml



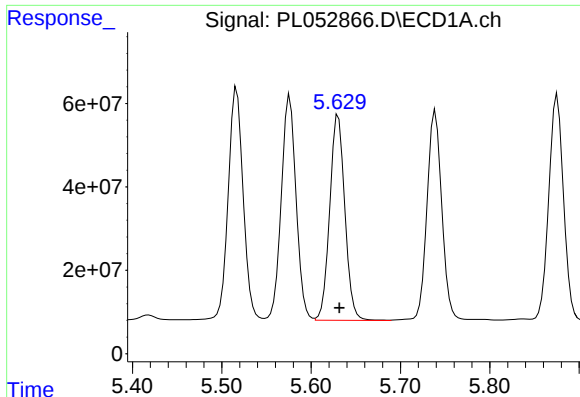
#8 Heptachlor epoxide

R.T.: 5.288 min  
Delta R.T.: -0.001 min  
Response: 624642723  
Conc: 47.93 ng/ml



#8 Heptachlor epoxide

R.T.: 5.925 min  
Delta R.T.: 0.000 min  
Response: 174846780  
Conc: 52.17 ng/ml



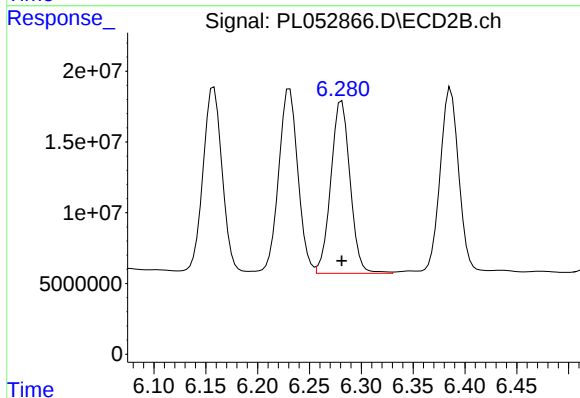
#9 Endosulfan I

R.T.: 5.630 min  
Delta R.T.: -0.001 min  
Response: 579697952  
Conc: 47.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PAT-091019-BMS

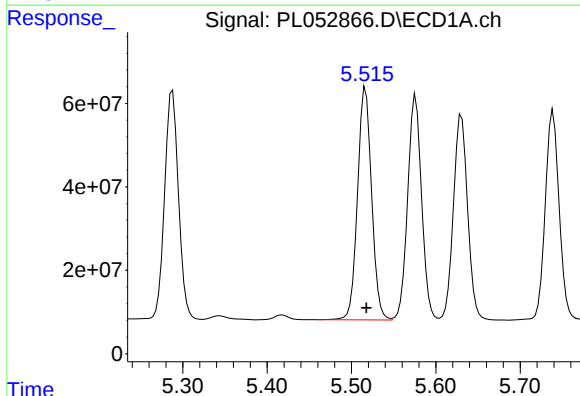
Manual Integrations  
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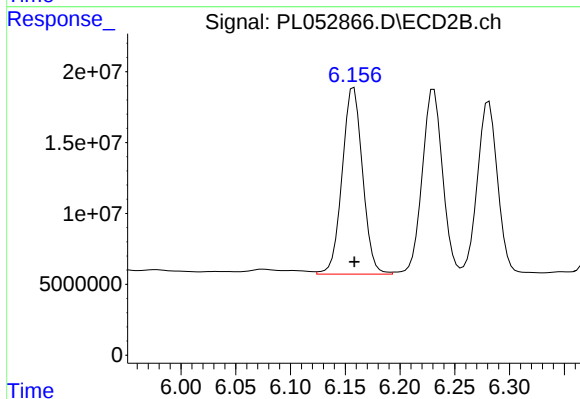
#9 Endosulfan I

R.T.: 6.281 min  
Delta R.T.: 0.000 min  
Response: 157267691  
Conc: 50.31 ng/ml



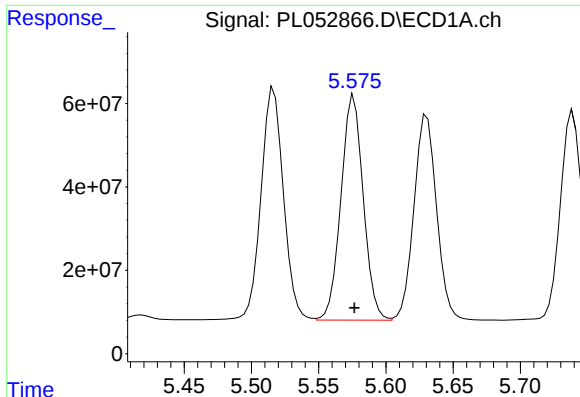
#10 gamma-Chlordane

R.T.: 5.517 min  
Delta R.T.: -0.001 min  
Response: 646059067  
Conc: 48.04 ng/ml



#10 gamma-Chlordane

R.T.: 6.158 min  
Delta R.T.: 0.000 min  
Response: 170749626  
Conc: 50.47 ng/ml



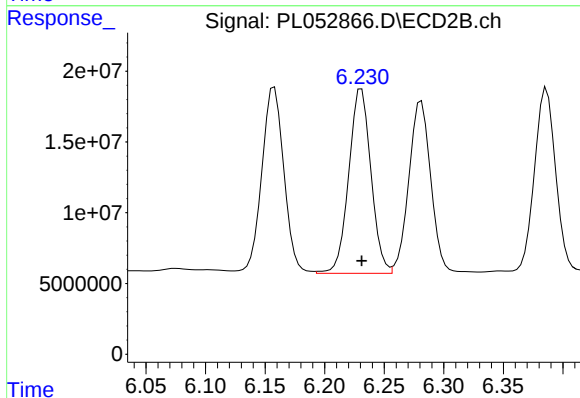
#11 alpha-Chlordane

R.T.: 5.576 min  
Delta R.T.: 0.000 min  
Response: 619950638  
Conc: 47.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PAT-091019-BMS

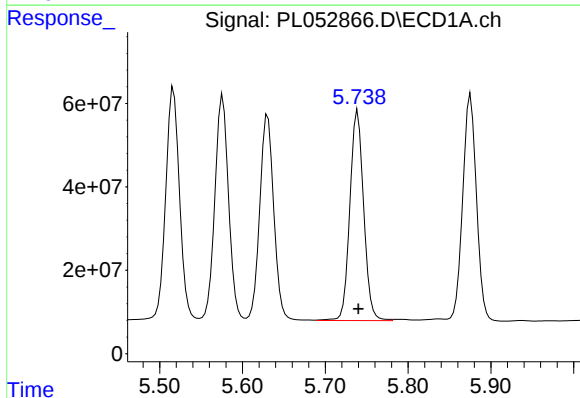
Manual Integrations  
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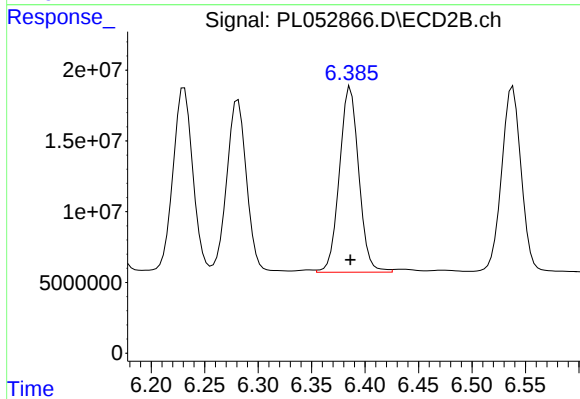
#11 alpha-Chlordane

R.T.: 6.231 min  
Delta R.T.: 0.000 min  
Response: 169325016  
Conc: 50.31 ng/ml



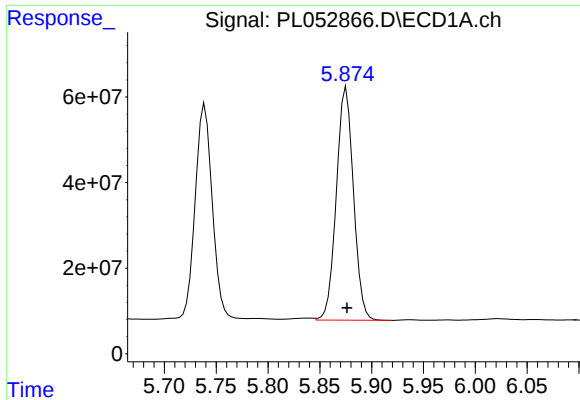
#12 4,4'-DDE

R.T.: 5.739 min  
Delta R.T.: 0.000 min  
Response: 584056227  
Conc: 50.32 ng/ml



#12 4,4'-DDE

R.T.: 6.386 min  
Delta R.T.: 0.000 min  
Response: 165377308  
Conc: 50.63 ng/ml



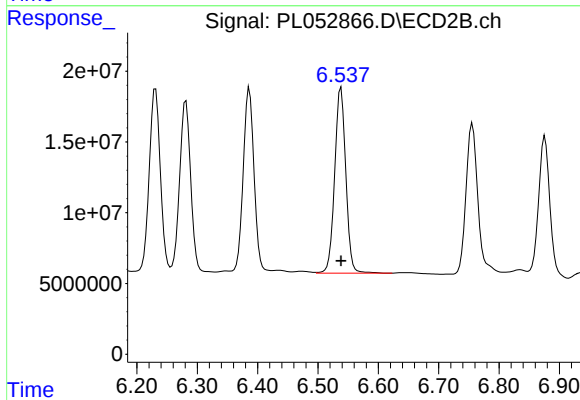
#13 Dieldrin

R.T.: 5.876 min  
Delta R.T.: 0.000 min  
Response: 626696309  
Conc: 48.55 ng/ml

Instrument :  
ECD\_L  
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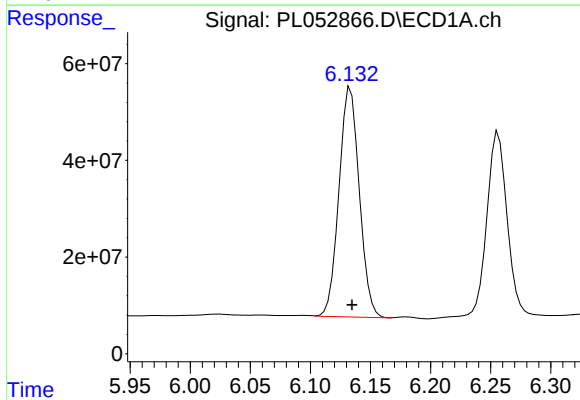
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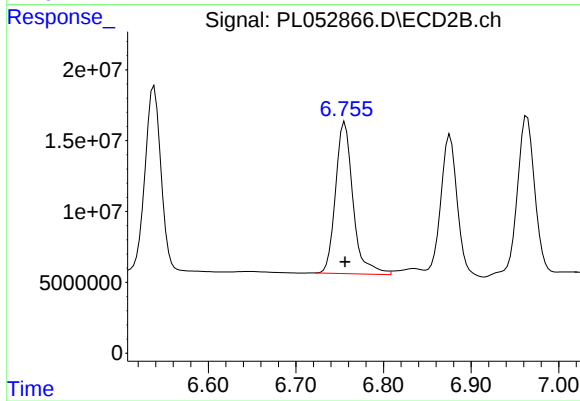
#13 Dieldrin

R.T.: 6.538 min  
Delta R.T.: 0.000 min  
Response: 168371882  
Conc: 51.62 ng/ml



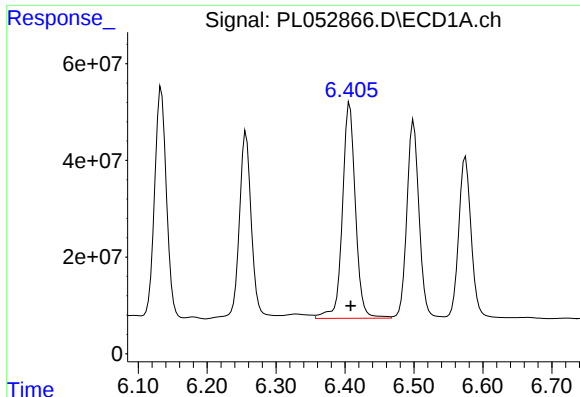
#14 Endrin

R.T.: 6.133 min  
Delta R.T.: -0.001 min  
Response: 560948909  
Conc: 49.25 ng/ml



#14 Endrin

R.T.: 6.756 min  
Delta R.T.: 0.000 min  
Response: 148817861  
Conc: 53.59 ng/ml



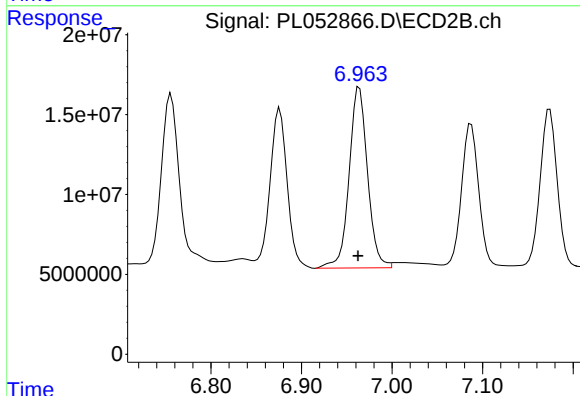
#15 Endosulfan II

R.T.: 6.407 min  
Delta R.T.: -0.001 min  
Response: 588826727  
Conc: 51.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PAT-091019-BMS

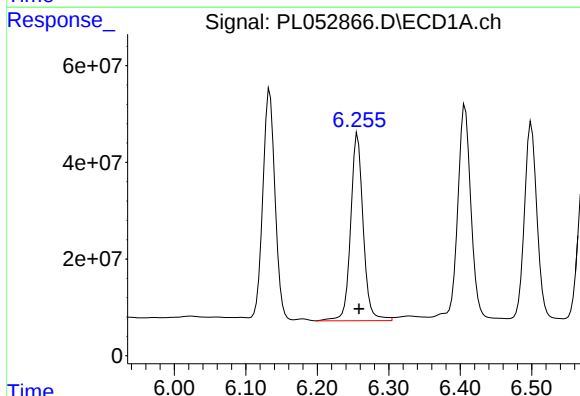
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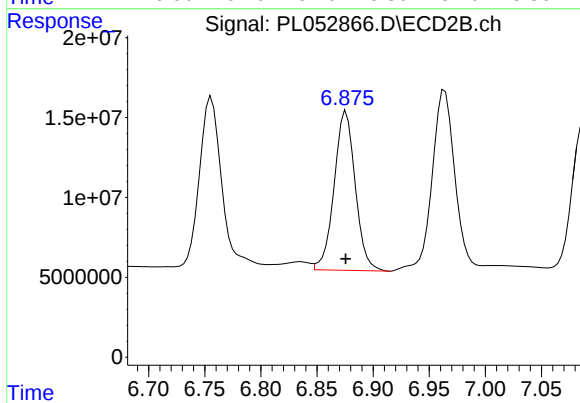
#15 Endosulfan II

R.T.: 6.964 min  
Delta R.T.: 0.001 min  
Response: 160557639  
Conc: 54.11 ng/ml



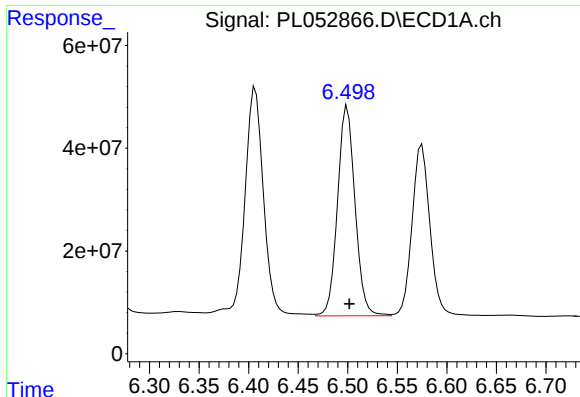
#16 4,4'-DDD

R.T.: 6.257 min  
Delta R.T.: -0.002 min  
Response: 473427651  
Conc: 52.67 ng/ml



#16 4,4'-DDD

R.T.: 6.876 min  
Delta R.T.: 0.000 min  
Response: 130720886  
Conc: 53.30 ng/ml



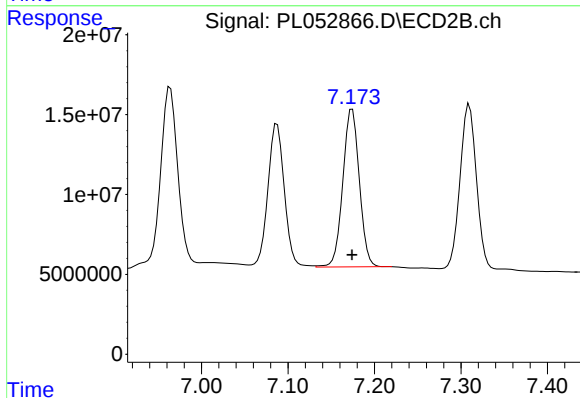
#17 4,4'-DDT

R.T.: 6.500 min  
Delta R.T.: -0.002 min  
Response: 501774828  
Conc: 49.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PAT-091019-BMS

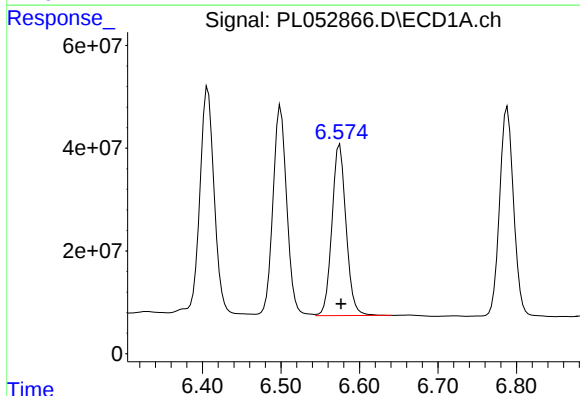
Manual Integrations  
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10/2/2019 1:46:14 PM



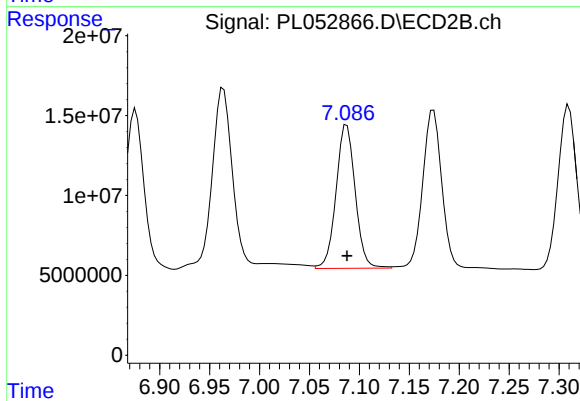
#17 4,4'-DDT

R.T.: 7.174 min  
Delta R.T.: 0.000 min  
Response: 129980756  
Conc: 49.94 ng/ml



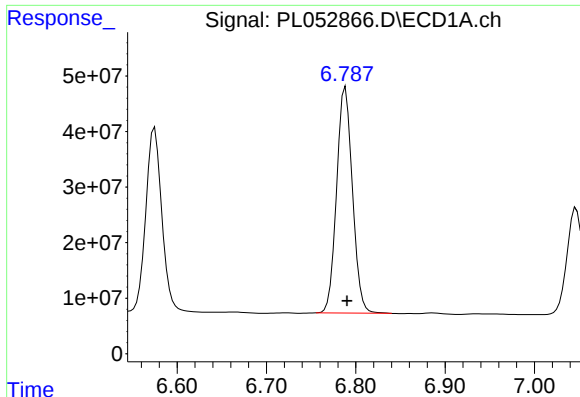
#18 Endrin aldehyde

R.T.: 6.575 min  
Delta R.T.: -0.002 min  
Response: 416802917  
Conc: 44.38 ng/ml



#18 Endrin aldehyde

R.T.: 7.087 min  
Delta R.T.: 0.000 min  
Response: 119728185  
Conc: 48.82 ng/ml



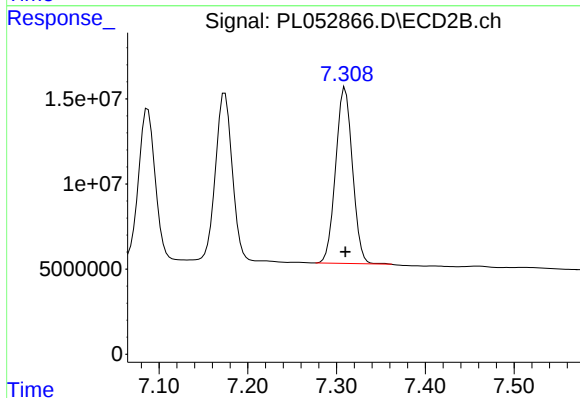
#19 Endosulfan Sulfate

R.T.: 6.788 min  
Delta R.T.: -0.002 min  
Response: 500563151  
Conc: 48.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PAT-091019-BMS

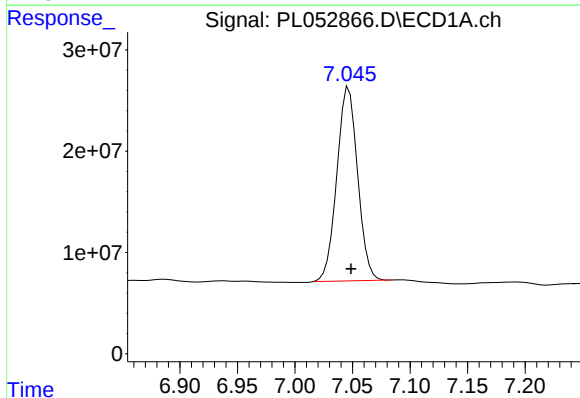
Manual Integrations  
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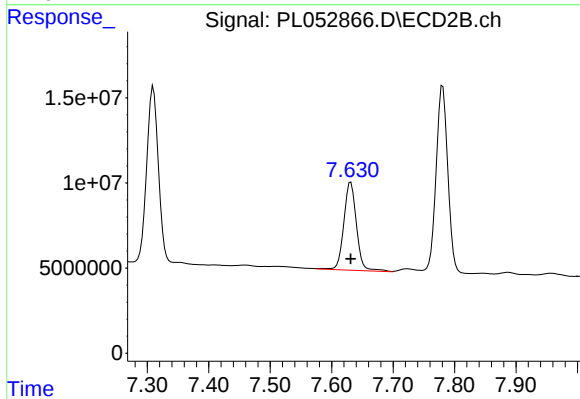
#19 Endosulfan Sulfate

R.T.: 7.310 min  
Delta R.T.: 0.000 min  
Response: 135919967  
Conc: 49.78 ng/ml



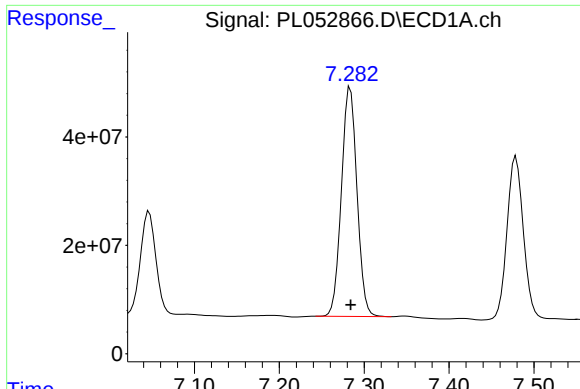
#20 Methoxychlor

R.T.: 7.047 min  
Delta R.T.: -0.002 min  
Response: 240780138  
Conc: 46.68 ng/ml



#20 Methoxychlor

R.T.: 7.631 min  
Delta R.T.: 0.000 min  
Response: 74326792  
Conc: 52.79 ng/ml



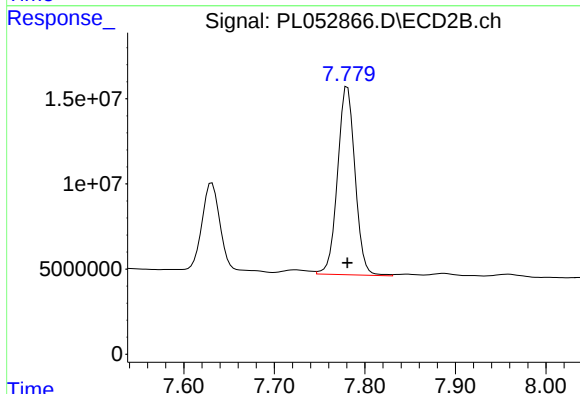
#21 Endrin ketone

R.T.: 7.284 min  
Delta R.T.: 0.000 min  
Response: 539430403  
Conc: 46.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PAT-091019-BMS

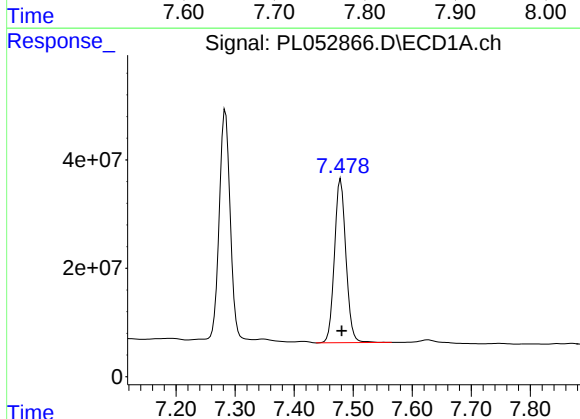
Manual Integrations  
APPROVED

Ankita  
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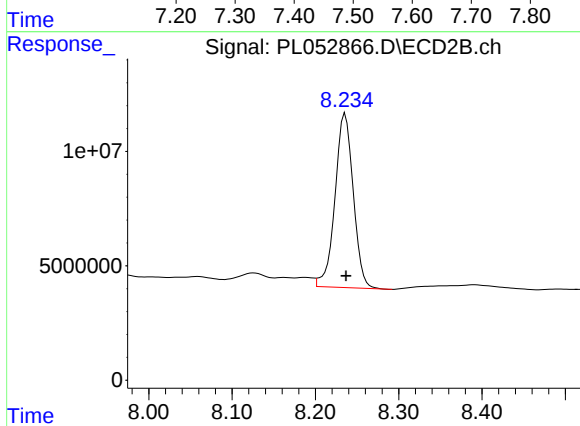
#21 Endrin ketone

R.T.: 7.781 min  
Delta R.T.: 0.000 min  
Response: 148276417  
Conc: 51.97 ng/ml



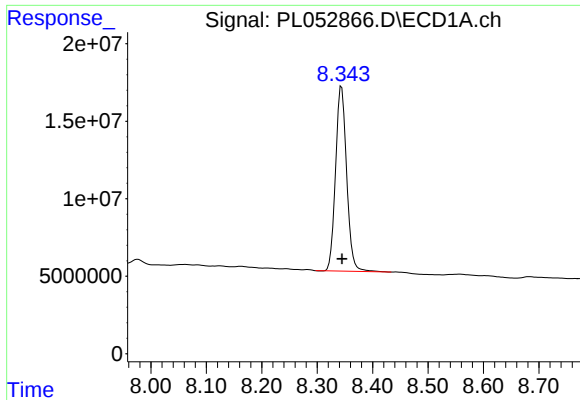
#22 Mirex

R.T.: 7.479 min  
Delta R.T.: -0.002 min  
Response: 408245362  
Conc: 43.23 ng/ml



#22 Mirex

R.T.: 8.236 min  
Delta R.T.: -0.001 min  
Response: 116063225  
Conc: 51.60 ng/ml



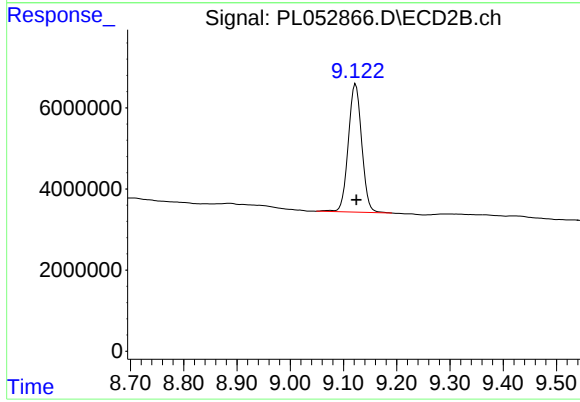
#28 Decachlorobiphenyl

R.T.: 8.344 min  
Delta R.T.: -0.001 min  
Response: 165666980  
Conc: 16.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PAT-091019-BMS

Manual Integrations  
APPROVED

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#28 Decachlorobiphenyl

R.T.: 9.123 min  
Delta R.T.: -0.001 min  
Response: 55272672  
Conc: 18.84 ng/ml