

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042619\  
 Data File : PL047886.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 26 Apr 2019 21:15  
 Operator : AJ\SJ  
 Sample : PB119260BSD  
 Misc :  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleID :  
 PB119260BSD

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 26 23:18:16 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042419.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Apr 25 01:53:03 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... | 3.330 | 3.943 | 192.8E6 | 54013076 | 20.851 | 22.626  |
| 28)                         | SA Decachlor... | 8.006 | 8.987 | 210.3E6 | 56733578 | 18.784 | 19.874  |
| Target Compounds            |                 |       |       |         |          |        |         |
| 2)                          | A alpha-BHC     | 3.760 | 4.333 | 814.5E6 | 193.2E6  | 55.716 | 58.218  |
| 3)                          | MA gamma-BHC... | 4.036 | 4.616 | 757.1E6 | 180.0E6  | 57.122 | 57.395  |
| 4)                          | MA Heptachlor   | 4.322 | 5.121 | 788.6E6 | 186.6E6  | 55.347 | 55.537  |
| 5)                          | MB Aldrin       | 4.561 | 5.424 | 769.4E6 | 176.3E6  | 55.250 | 56.501  |
| 6)                          | B beta-BHC      | 4.290 | 4.791 | 311.9E6 | 82018429 | 55.211 | 56.924  |
| 7)                          | B delta-BHC     | 4.484 | 5.005 | 635.1E6 | 136.8E6  | 48.891 | 54.438  |
| 8)                          | B Heptachlor... | 4.998 | 5.810 | 698.9E6 | 162.5E6  | 54.538 | 58.133  |
| 9)                          | A Endosulfan I  | 5.329 | 6.167 | 651.2E6 | 153.0E6  | 53.846 | 54.500  |
| 10)                         | B gamma-Chl...  | 5.221 | 6.045 | 716.2E6 | 167.1E6  | 53.795 | 55.231  |
| 11)                         | B alpha-Chl...  | 5.277 | 6.117 | 696.1E6 | 164.8E6  | 53.343 | 54.488  |
| 12)                         | B 4,4'-DDE      | 5.445 | 6.277 | 673.3E6 | 153.5E6  | 54.126 | 55.594  |
| 13)                         | MA Dieldrin     | 5.569 | 6.422 | 698.7E6 | 160.9E6  | 53.820 | 55.045m |
| 14)                         | MA Endrin       | 5.822 | 6.640 | 590.6E6 | 129.0E6  | 49.700 | 50.488  |
| 15)                         | B Endosulfa...  | 6.097 | 6.851 | 589.2E6 | 139.4E6  | 52.627 | 53.120  |
| 16)                         | A 4,4'-DDD      | 5.956 | 6.767 | 550.9E6 | 129.2E6  | 56.025 | 57.564  |
| 17)                         | MA 4,4'-DDT     | 6.191 | 7.065 | 476.5E6 | 112.1E6  | 47.792 | 47.061  |
| 18)                         | B Endrin al...  | 6.264 | 6.975 | 491.0E6 | 122.8E6  | 52.037 | 53.136  |
| 19)                         | B Endosulfa...  | 6.475 | 7.198 | 545.5E6 | 135.1E6  | 48.944 | 49.348  |
| 20)                         | A Methoxychlor  | 6.737 | 7.525 | 247.8E6 | 65349980 | 46.585 | 46.607  |
| 21)                         | B Endrin ke...  | 6.958 | 7.668 | 637.0E6 | 148.3E6  | 53.718 | 52.729  |
| 22)                         | Mirex           | 7.133 | 8.118 | 459.3E6 | 114.7E6  | 48.935 | 49.286  |
| -----                       |                 |       |       |         |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042619\  
 Data File : PL047886.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 26 Apr 2019 21:15  
 Operator : AJ\SJ  
 Sample : PB119260BSD  
 Misc :  
 ALS Vial : 42 Sample Multiplier: 1

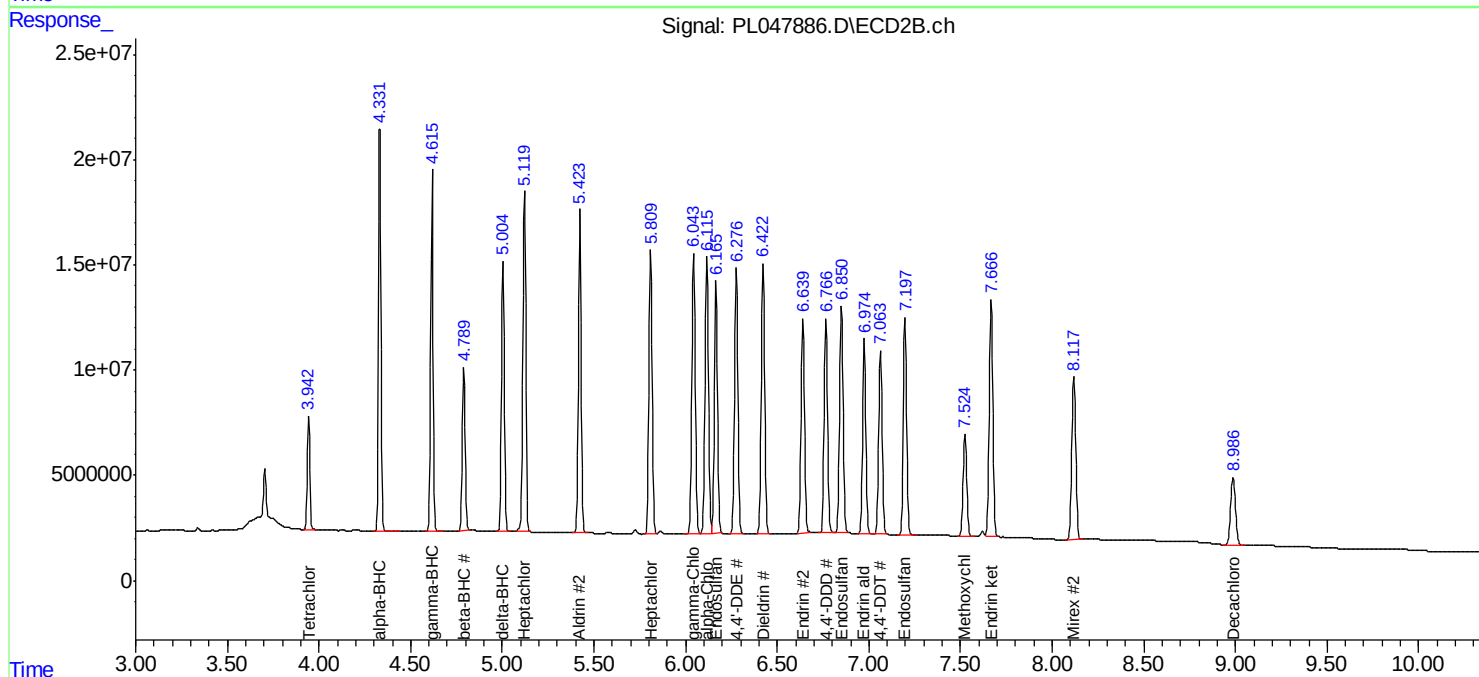
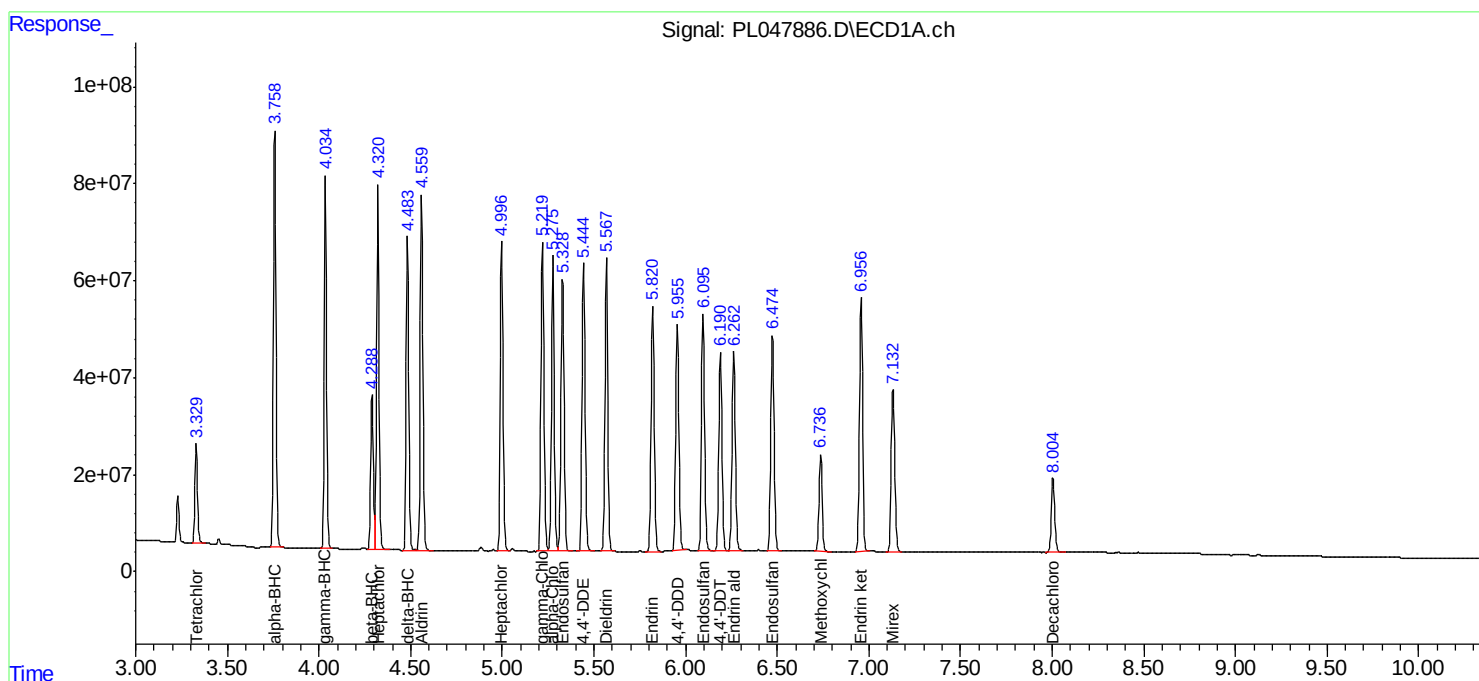
Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB119260BSD

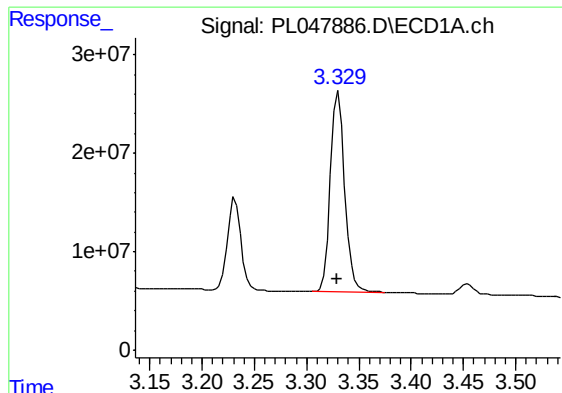
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 26 23:18:16 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042419.M  
 Quant Title : GC Extractables  
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Volume 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





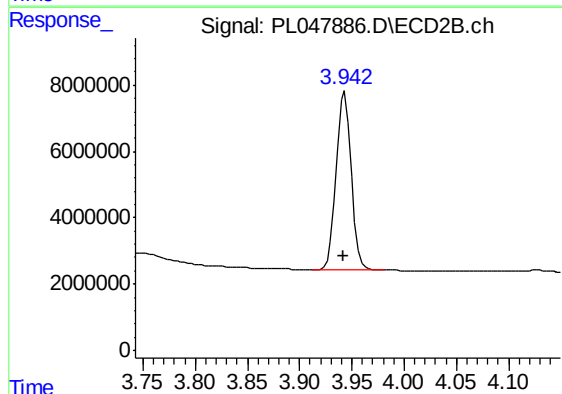
#1 Tetrachloro-m-xylene

R.T.: 3.330 min  
Delta R.T.: 0.001 min  
Response: 192831325  
Conc: 20.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB119260BSD

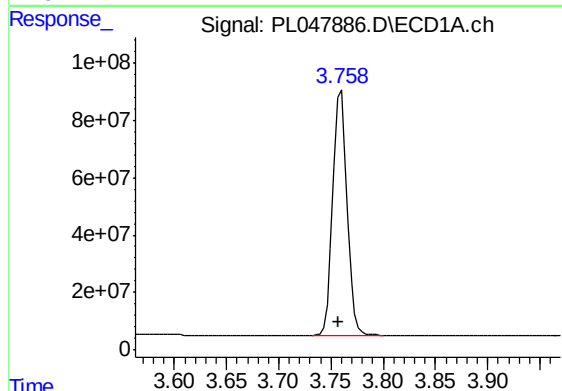
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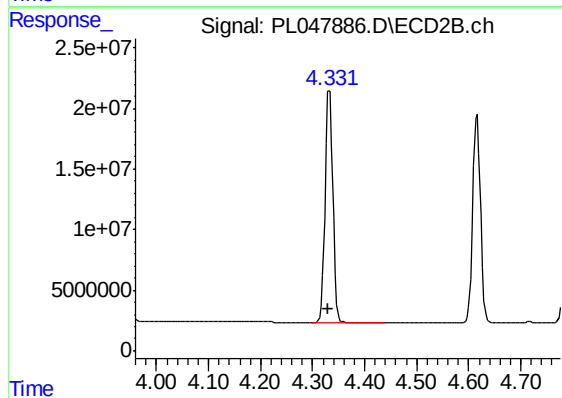
#1 Tetrachloro-m-xylene

R.T.: 3.943 min  
Delta R.T.: 0.001 min  
Response: 54013076  
Conc: 22.63 ng/ml



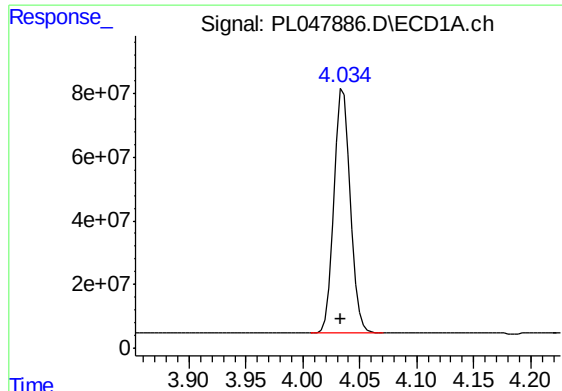
#2 alpha-BHC

R.T.: 3.760 min  
Delta R.T.: 0.002 min  
Response: 814485019  
Conc: 55.72 ng/ml



#2 alpha-BHC

R.T.: 4.333 min  
Delta R.T.: 0.002 min  
Response: 193210634  
Conc: 58.22 ng/ml



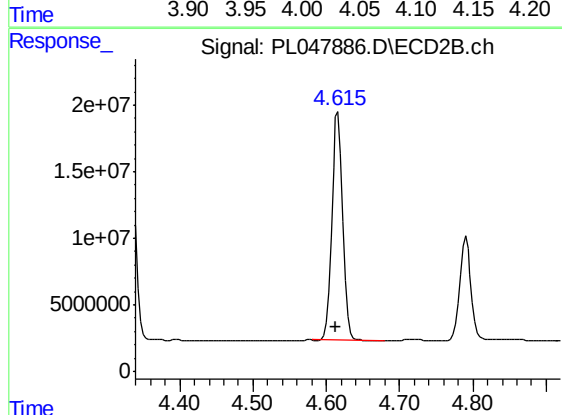
#3 gamma-BHC (Lindane)

R.T.: 4.036 min  
Delta R.T.: 0.002 min  
Response: 757136396  
Conc: 57.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB119260BSD

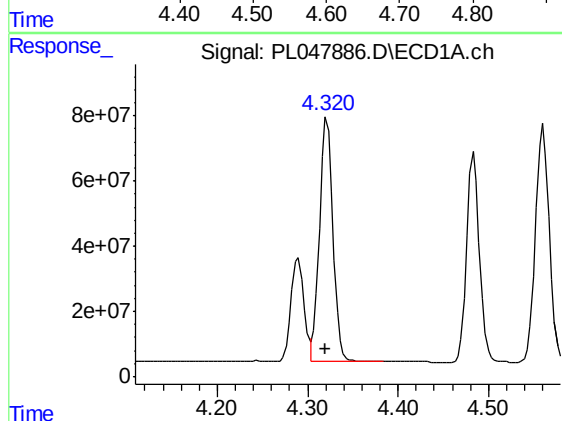
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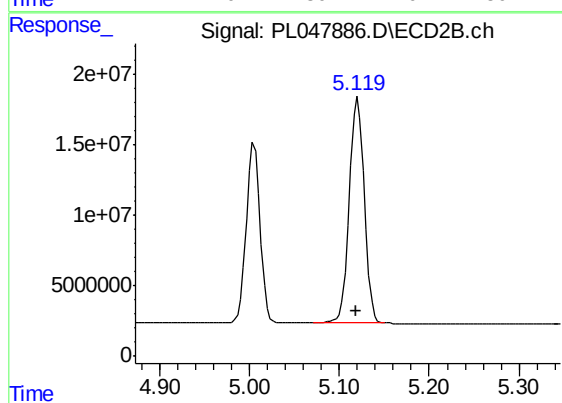
#3 gamma-BHC (Lindane)

R.T.: 4.616 min  
Delta R.T.: 0.002 min  
Response: 180016542  
Conc: 57.39 ng/ml



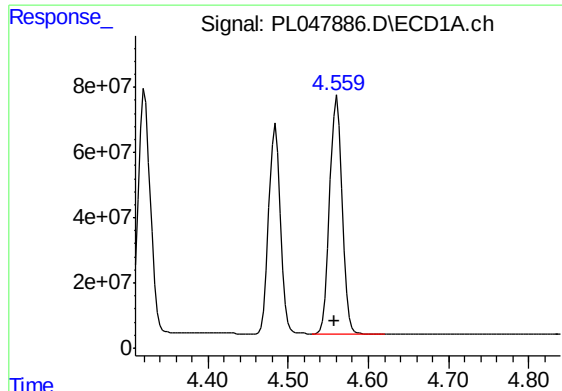
#4 Heptachlor

R.T.: 4.322 min  
Delta R.T.: 0.003 min  
Response: 788587981  
Conc: 55.35 ng/ml



#4 Heptachlor

R.T.: 5.121 min  
Delta R.T.: 0.002 min  
Response: 186647919  
Conc: 55.54 ng/ml



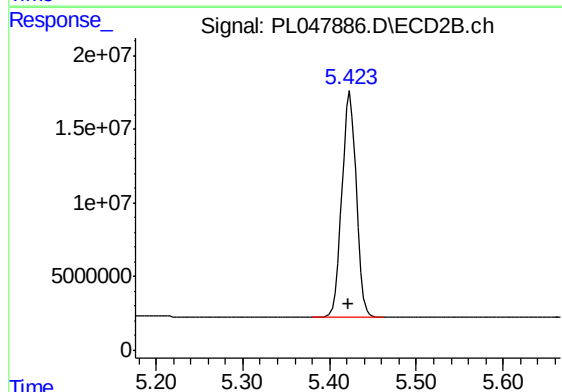
#5 Aldrin

R.T.: 4.561 min  
Delta R.T.: 0.002 min  
Response: 769394126  
Conc: 55.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB119260BSD

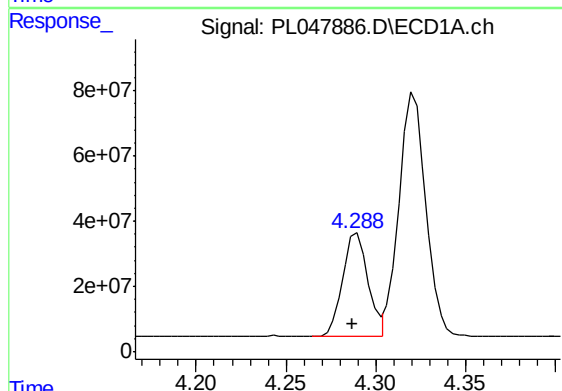
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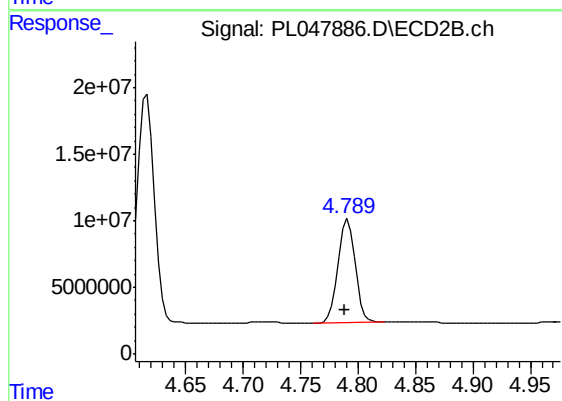
#5 Aldrin

R.T.: 5.424 min  
Delta R.T.: 0.002 min  
Response: 176339449  
Conc: 56.50 ng/ml



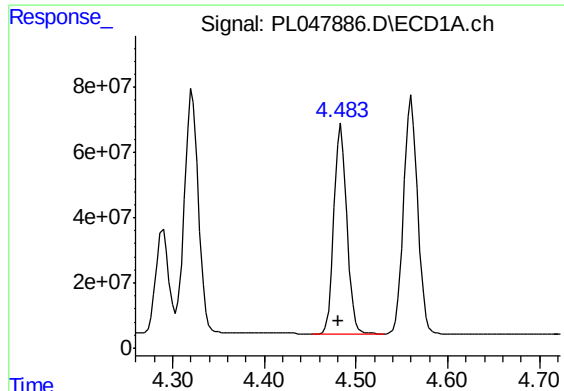
#6 beta-BHC

R.T.: 4.290 min  
Delta R.T.: 0.003 min  
Response: 311943573  
Conc: 55.21 ng/ml



#6 beta-BHC

R.T.: 4.791 min  
Delta R.T.: 0.003 min  
Response: 82018429  
Conc: 56.92 ng/ml



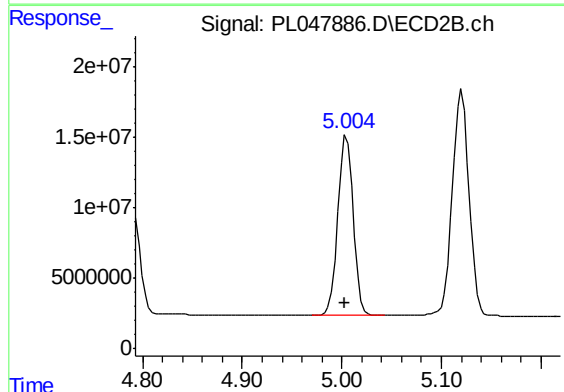
#7 delta-BHC

R.T.: 4.484 min  
Delta R.T.: 0.003 min  
Response: 635125509  
Conc: 48.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB119260BSD

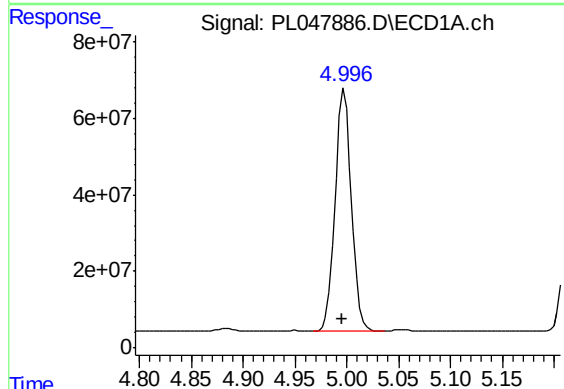
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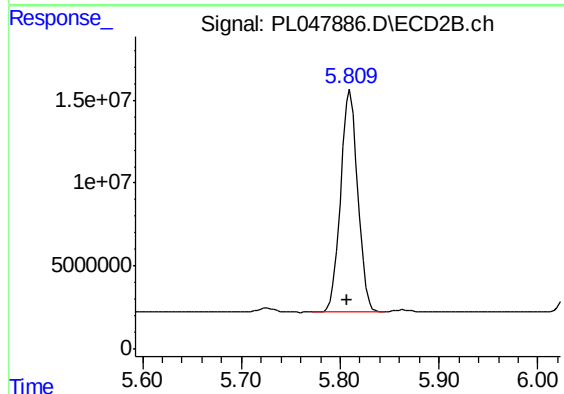
#7 delta-BHC

R.T.: 5.005 min  
Delta R.T.: 0.002 min  
Response: 136763857  
Conc: 54.44 ng/ml



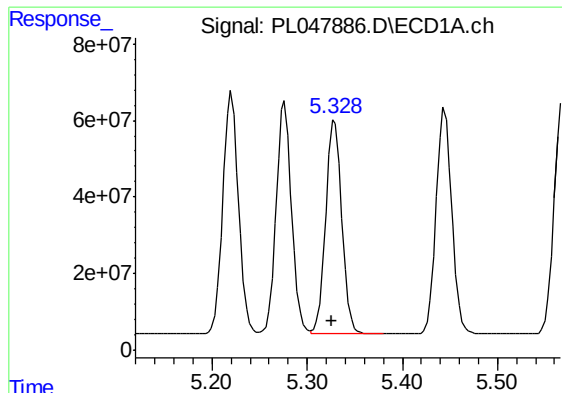
#8 Heptachlor epoxide

R.T.: 4.998 min  
Delta R.T.: 0.002 min  
Response: 698913409  
Conc: 54.54 ng/ml



#8 Heptachlor epoxide

R.T.: 5.810 min  
Delta R.T.: 0.003 min  
Response: 162468631  
Conc: 58.13 ng/ml



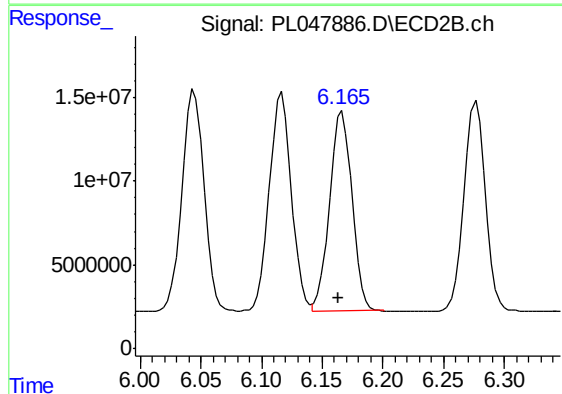
#9 Endosulfan I

R.T.: 5.329 min  
Delta R.T.: 0.003 min  
Response: 651169805  
Conc: 53.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB119260BSD

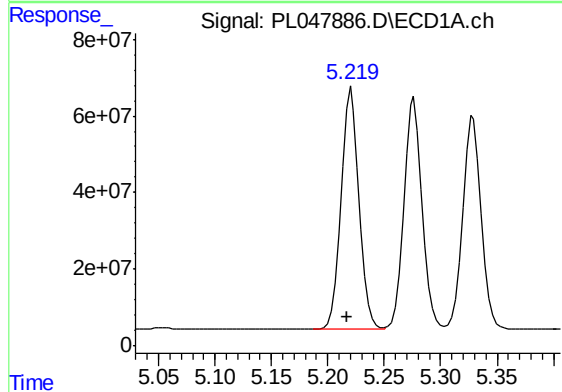
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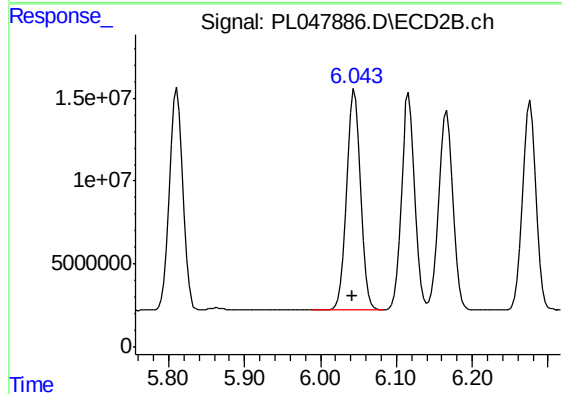
#9 Endosulfan I

R.T.: 6.167 min  
Delta R.T.: 0.004 min  
Response: 153036844  
Conc: 54.50 ng/ml



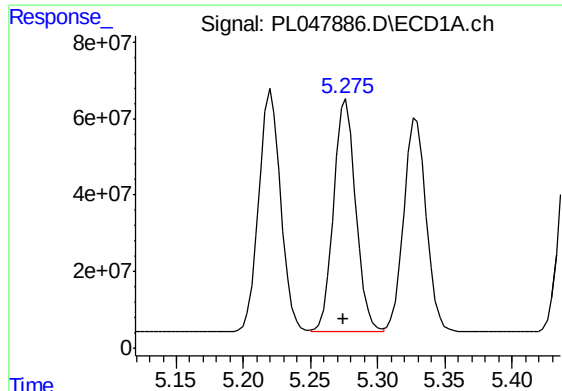
#10 gamma-Chlordane

R.T.: 5.221 min  
Delta R.T.: 0.003 min  
Response: 716204400  
Conc: 53.80 ng/ml



#10 gamma-Chlordane

R.T.: 6.045 min  
Delta R.T.: 0.003 min  
Response: 167148277  
Conc: 55.23 ng/ml



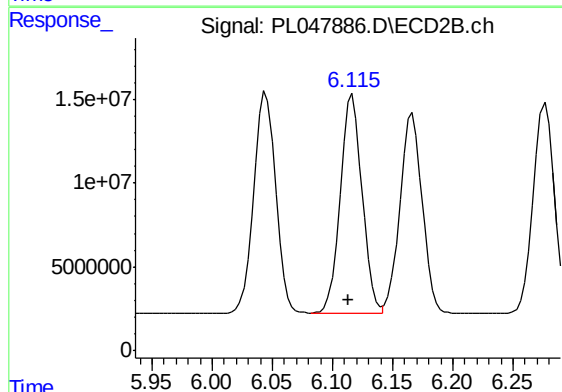
#11 alpha-Chlordane

R.T.: 5.277 min  
Delta R.T.: 0.002 min  
Response: 696055637  
Conc: 53.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB119260BSD

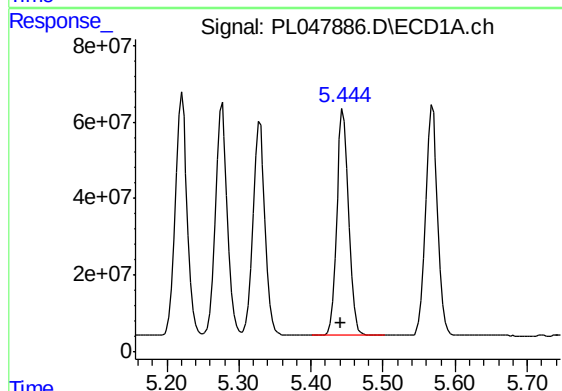
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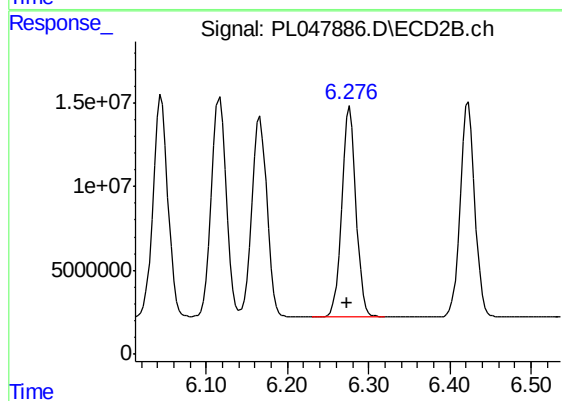
#11 alpha-Chlordane

R.T.: 6.117 min  
Delta R.T.: 0.003 min  
Response: 164849312  
Conc: 54.49 ng/ml



#12 4,4'-DDE

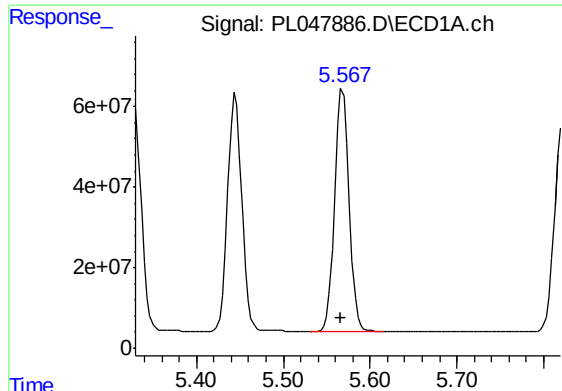
R.T.: 5.445 min  
Delta R.T.: 0.003 min  
Response: 673264151  
Conc: 54.13 ng/ml



#12 4,4'-DDE

R.T.: 6.277 min  
Delta R.T.: 0.004 min  
Response: 153515860  
Conc: 55.59 ng/ml





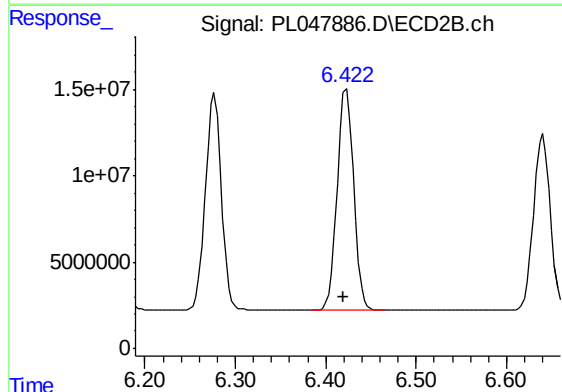
#13 Dieldrin

R.T.: 5.569 min  
Delta R.T.: 0.003 min  
Response: 698679635  
Conc: 53.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB119260BSD

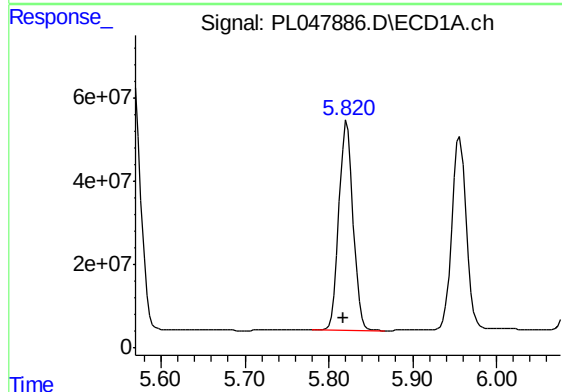
Manual Integrations  
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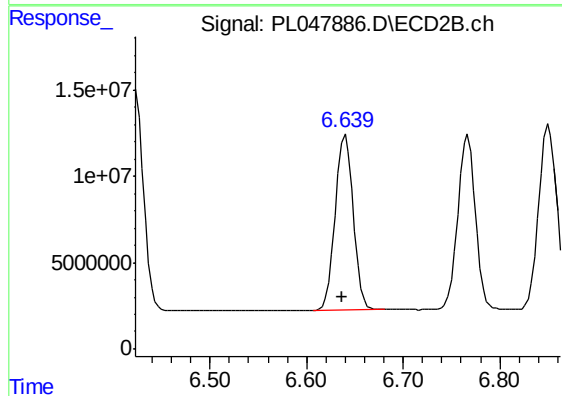
#13 Dieldrin

R.T.: 6.422 min  
Delta R.T.: 0.002 min  
Response: 160917213  
Conc: 55.04 ng/ml m



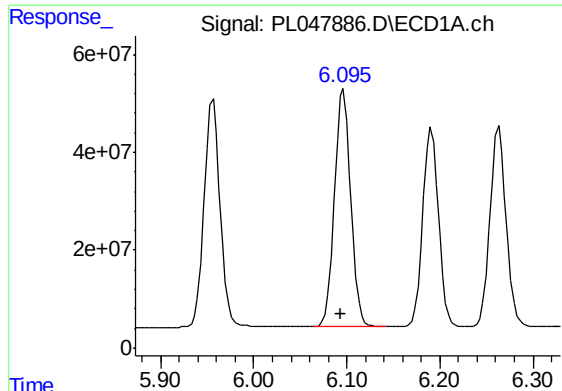
#14 Endrin

R.T.: 5.822 min  
Delta R.T.: 0.004 min  
Response: 590620028  
Conc: 49.70 ng/ml



#14 Endrin

R.T.: 6.640 min  
Delta R.T.: 0.003 min  
Response: 128966062  
Conc: 50.49 ng/ml



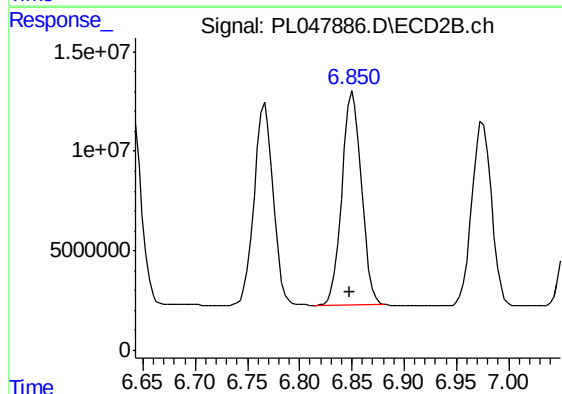
#15 Endosulfan II

R.T.: 6.097 min  
Delta R.T.: 0.003 min  
Response: 589235000  
Conc: 52.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB119260BSD

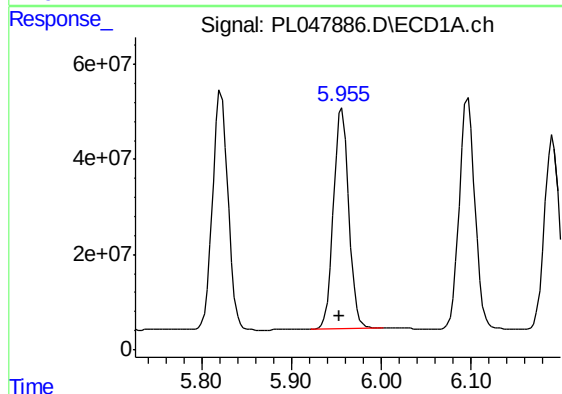
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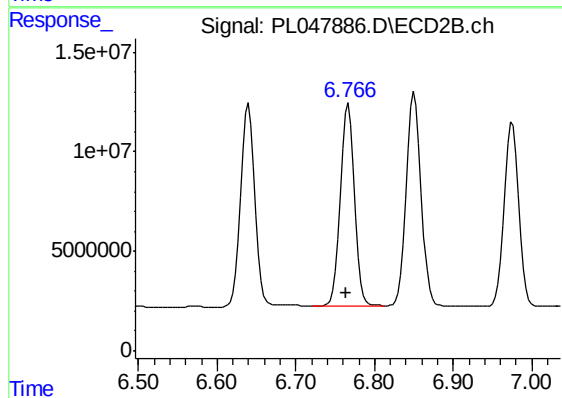
#15 Endosulfan II

R.T.: 6.851 min  
Delta R.T.: 0.003 min  
Response: 139366962  
Conc: 53.12 ng/ml



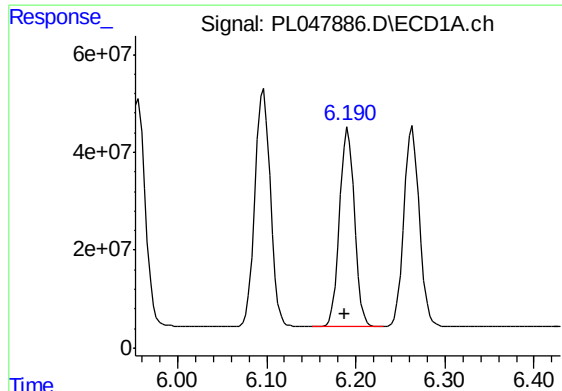
#16 4,4'-DDD

R.T.: 5.956 min  
Delta R.T.: 0.003 min  
Response: 550897543  
Conc: 56.02 ng/ml



#16 4,4'-DDD

R.T.: 6.767 min  
Delta R.T.: 0.004 min  
Response: 129235174  
Conc: 57.56 ng/ml



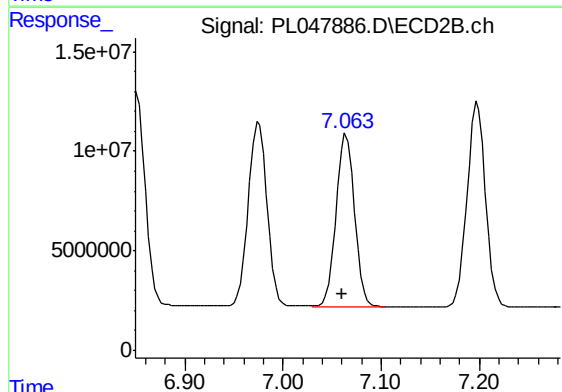
#17 4,4'-DDT

R.T.: 6.191 min  
Delta R.T.: 0.003 min  
Response: 476473742  
Conc: 47.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB119260BSD

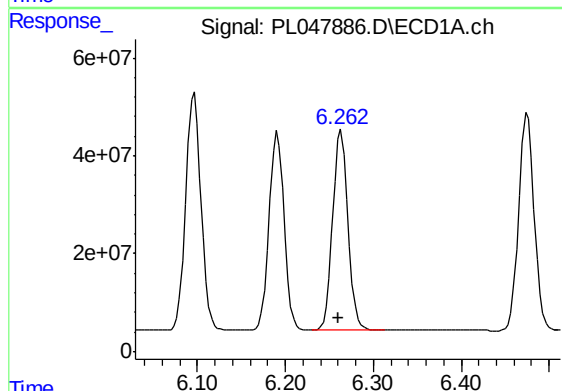
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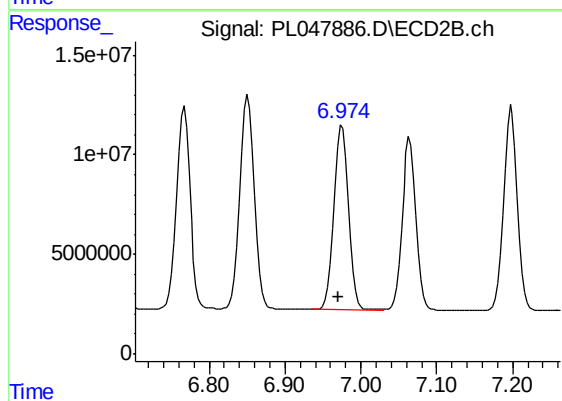
#17 4,4'-DDT

R.T.: 7.065 min  
Delta R.T.: 0.004 min  
Response: 112108146  
Conc: 47.06 ng/ml



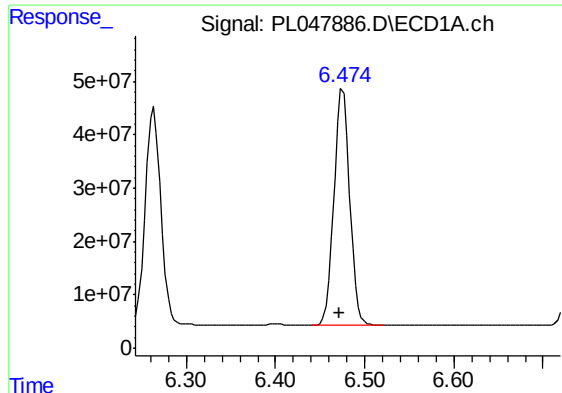
#18 Endrin aldehyde

R.T.: 6.264 min  
Delta R.T.: 0.003 min  
Response: 490972777  
Conc: 52.04 ng/ml



#18 Endrin aldehyde

R.T.: 6.975 min  
Delta R.T.: 0.004 min  
Response: 122762785  
Conc: 53.14 ng/ml



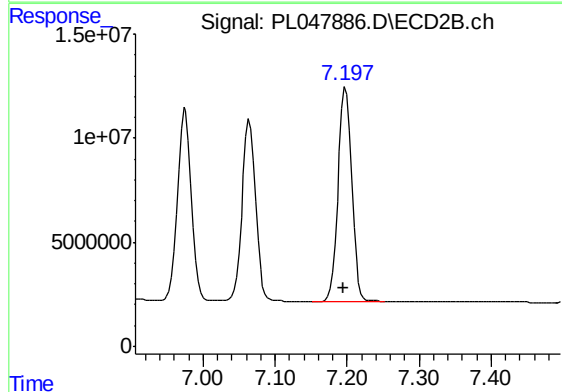
#19 Endosulfan Sulfate

R.T.: 6.475 min  
Delta R.T.: 0.003 min  
Response: 545548540  
Conc: 48.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB119260BSD

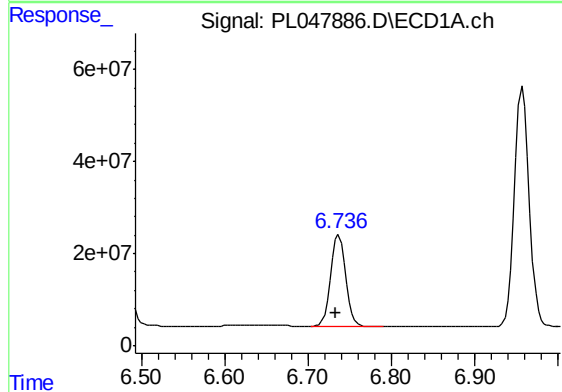
Manual Integrations  
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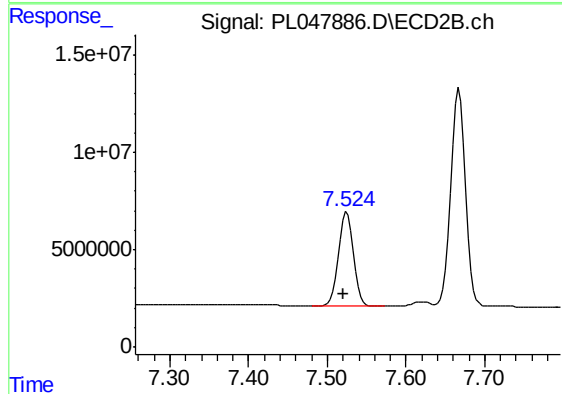
#19 Endosulfan Sulfate

R.T.: 7.198 min  
Delta R.T.: 0.004 min  
Response: 135137802  
Conc: 49.35 ng/ml



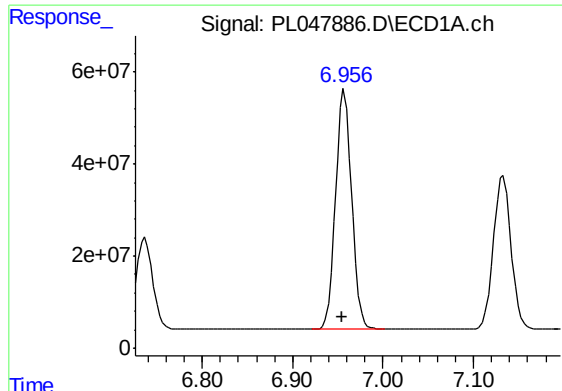
#20 Methoxychlor

R.T.: 6.737 min  
Delta R.T.: 0.004 min  
Response: 247772412  
Conc: 46.59 ng/ml



#20 Methoxychlor

R.T.: 7.525 min  
Delta R.T.: 0.004 min  
Response: 65349980  
Conc: 46.61 ng/ml



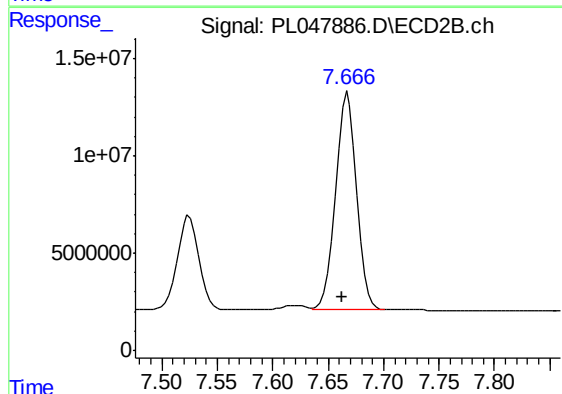
#21 Endrin ketone

R.T.: 6.958 min  
Delta R.T.: 0.003 min  
Response: 637019731  
Conc: 53.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB119260BSD

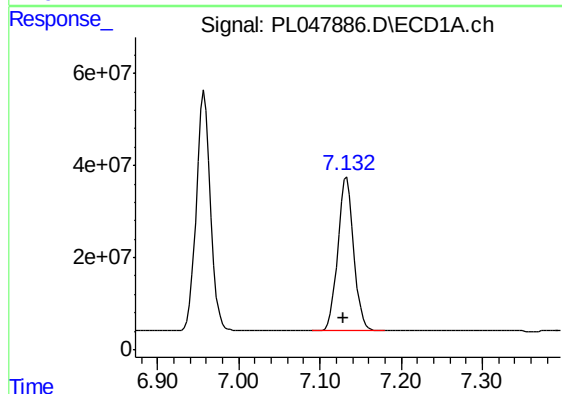
Manual Integrations  
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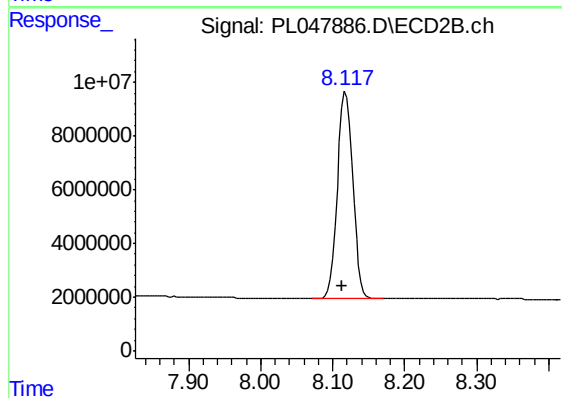
#21 Endrin ketone

R.T.: 7.668 min  
Delta R.T.: 0.005 min  
Response: 148258058  
Conc: 52.73 ng/ml



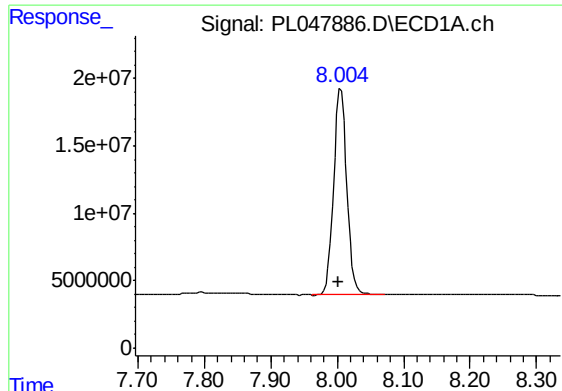
#22 Mirex

R.T.: 7.133 min  
Delta R.T.: 0.004 min  
Response: 459333855  
Conc: 48.94 ng/ml



#22 Mirex

R.T.: 8.118 min  
Delta R.T.: 0.004 min  
Response: 114681475  
Conc: 49.29 ng/ml



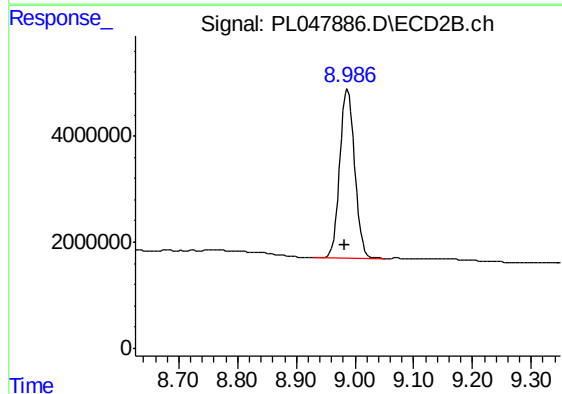
#28 Decachlorobiphenyl

R.T.: 8.006 min  
Delta R.T.: 0.004 min  
Response: 210273032  
Conc: 18.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB119260BSD

Manual Integrations  
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#28 Decachlorobiphenyl

R.T.: 8.987 min  
Delta R.T.: 0.006 min  
Response: 56733578  
Conc: 19.87 ng/ml