

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL030620\  
 Data File : PL057126.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 06 Mar 2020 16:45  
 Operator : AJ\MA  
 Sample : PB127308BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB127308BS

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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 07 02:59:24 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL030320.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Mar 04 03:55:01 2020  
 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... | 3.464 | 3.959 | 174.0E6 | 45031703 | 20.413 | 21.107  |
| 28)                         | SA Decachlor... | 8.214 | 8.987 | 166.8E6 | 42195074 | 17.262 | 19.859  |
| Target Compounds            |                 |       |       |         |          |        |         |
| 2)                          | A alpha-BHC     | 3.901 | 4.348 | 727.4E6 | 155.6E6  | 49.086 | 49.269  |
| 3)                          | MA gamma-BHC... | 4.185 | 4.630 | 655.2E6 | 148.9E6  | 47.686 | 47.911  |
| 4)                          | MA Heptachlor   | 4.486 | 5.133 | 647.0E6 | 150.7E6  | 47.626 | 48.424  |
| 5)                          | MB Aldrin       | 4.734 | 5.435 | 634.6E6 | 146.3E6  | 49.143 | 48.952  |
| 6)                          | B beta-BHC      | 4.436 | 4.802 | 268.3E6 | 75760469 | 50.657 | 53.755m |
| 7)                          | B delta-BHC     | 4.641 | 5.018 | 639.4E6 | 119.2E6  | 49.011 | 48.965  |
| 8)                          | B Heptachlo...  | 5.176 | 5.820 | 582.6E6 | 128.7E6  | 48.150 | 46.448  |
| 9)                          | A Endosulfan I  | 5.515 | 6.175 | 540.9E6 | 133.5E6  | 47.715 | 47.799  |
| 10)                         | B gamma-Chl...  | 5.403 | 6.054 | 588.8E6 | 143.5E6  | 47.408 | 47.921  |
| 11)                         | B alpha-Chl...  | 5.461 | 6.126 | 570.3E6 | 142.6E6  | 46.422 | 47.300  |
| 12)                         | B 4,4'-DDE      | 5.625 | 6.285 | 554.2E6 | 132.7E6  | 47.294 | 46.762  |
| 13)                         | MA Dieldrin     | 5.758 | 6.429 | 570.4E6 | 136.9E6  | 46.652 | 46.505m |
| 14)                         | MA Endrin       | 6.016 | 6.647 | 479.0E6 | 111.4E6  | 44.030 | 43.201  |
| 15)                         | B Endosulfa...  | 6.289 | 6.858 | 449.1E6 | 115.9E6  | 41.587 | 41.303  |
| 16)                         | A 4,4'-DDD      | 6.141 | 6.774 | 431.6E6 | 107.4E6  | 44.587 | 44.108  |
| 17)                         | MA 4,4'-DDT     | 6.382 | 7.070 | 411.7E6 | 102.3E6  | 42.076 | 41.602  |
| 18)                         | B Endrin al...  | 6.457 | 6.981 | 388.9E6 | 105.2E6  | 43.475 | 45.407  |
| 19)                         | B Endosulfa...  | 6.670 | 7.204 | 440.1E6 | 111.0E6  | 44.071 | 44.274  |
| 20)                         | A Methoxychlor  | 6.927 | 7.530 | 203.1E6 | 54641193 | 40.728 | 43.737  |
| 21)                         | B Endrin ke...  | 7.161 | 7.672 | 478.0E6 | 117.5E6  | 42.329 | 42.871  |
| 22)                         | Mirex           | 7.348 | 8.122 | 338.6E6 | 86179879 | 41.784 | 44.952  |
| -----                       |                 |       |       |         |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL030620\  
Data File : PL057126.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 06 Mar 2020 16:45  
Operator : AJ\MA  
Sample : PB127308BS  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

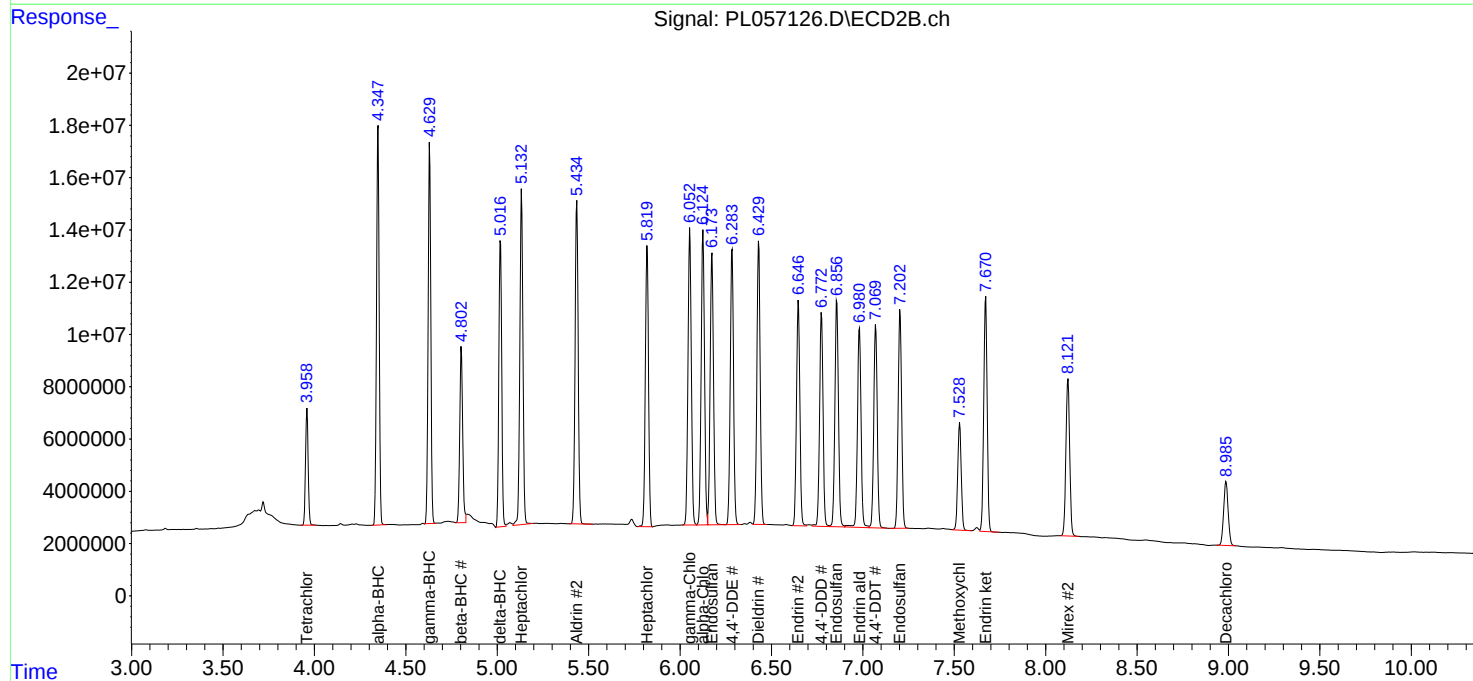
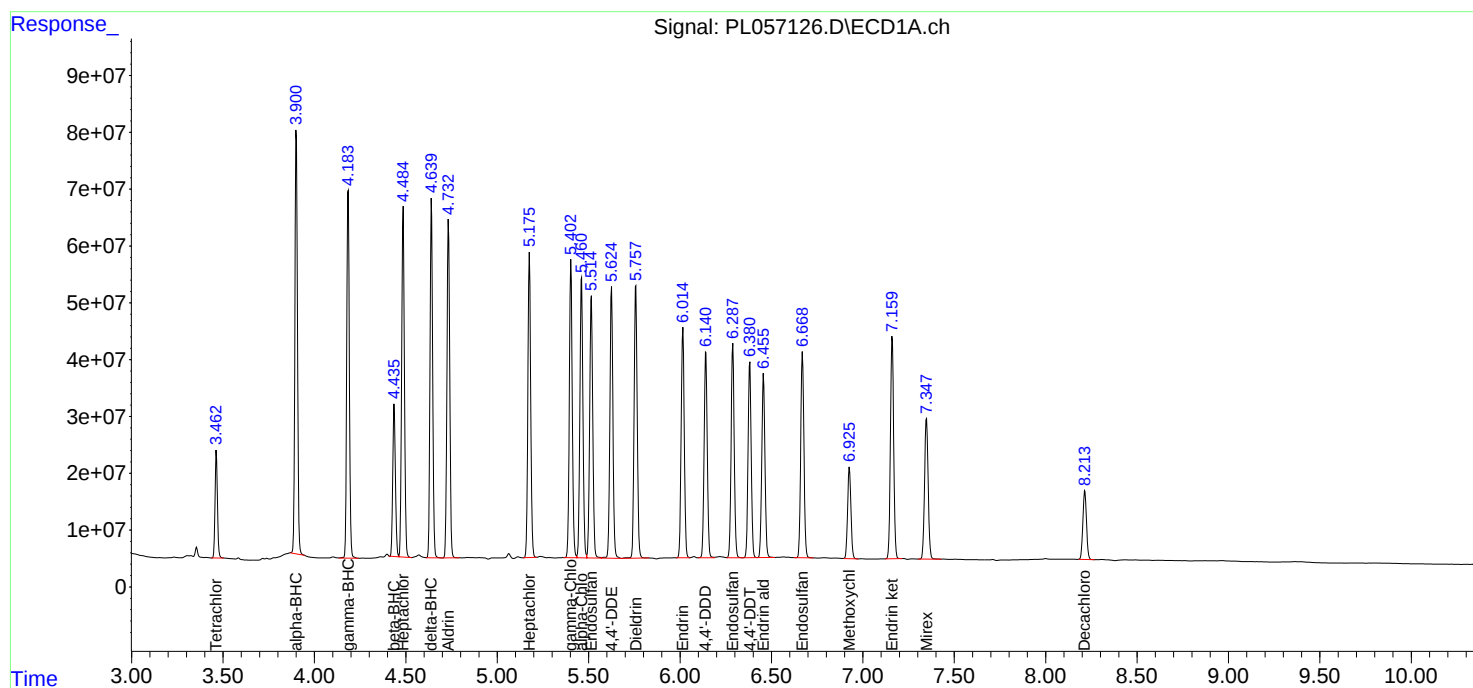
Instrument :  
ECD\_L  
ClientSampled :  
PB127308BS

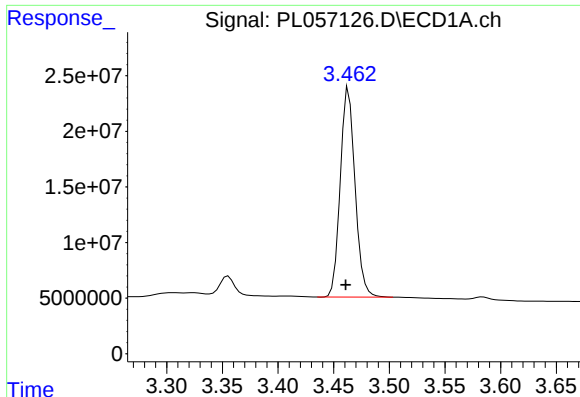
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 07 02:59:24 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL030320.M  
Quant Title : GC Extractables  
QLast Update : Wed Mar 04 03:55:01 2020  
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





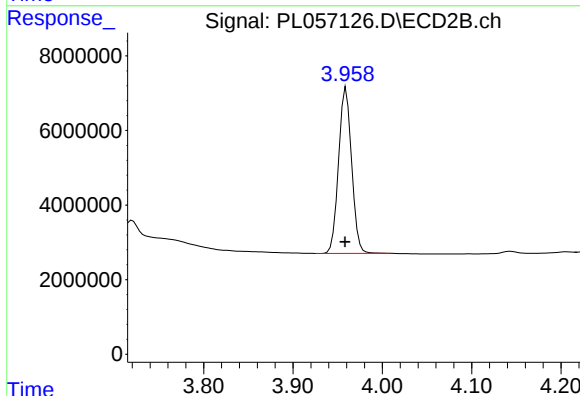
#1 Tetrachloro-m-xylene

R.T.: 3.464 min  
Delta R.T.: 0.003 min  
Response: 173967398  
Conc: 20.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB127308BS

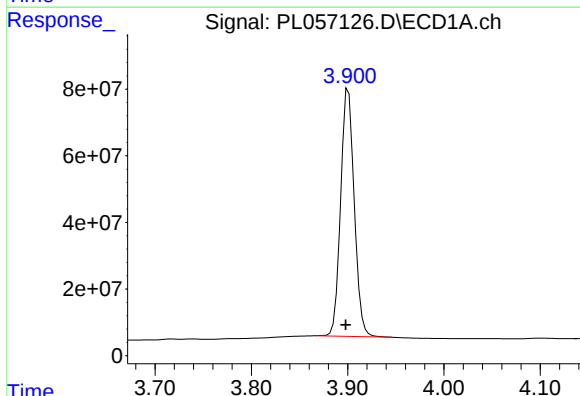
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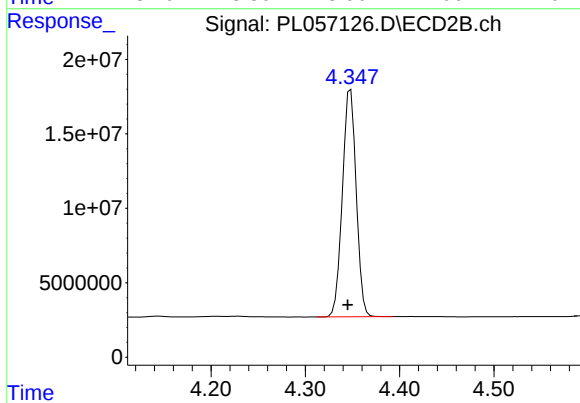
#1 Tetrachloro-m-xylene

R.T.: 3.959 min  
Delta R.T.: 0.001 min  
Response: 45031703  
Conc: 21.11 ng/ml



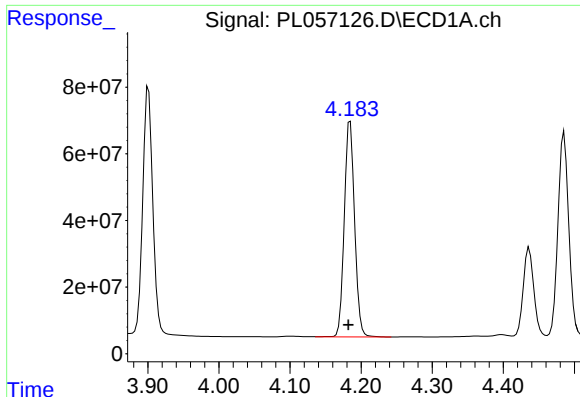
#2 alpha-BHC

R.T.: 3.901 min  
Delta R.T.: 0.003 min  
Response: 727442830  
Conc: 49.09 ng/ml



#2 alpha-BHC

R.T.: 4.348 min  
Delta R.T.: 0.003 min  
Response: 155639605  
Conc: 49.27 ng/ml



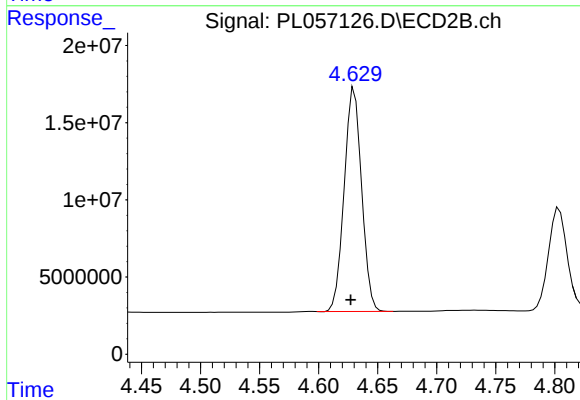
#3 gamma-BHC (Lindane)

R.T.: 4.185 min  
Delta R.T.: 0.003 min  
Response: 655239757  
Conc: 47.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB127308BS

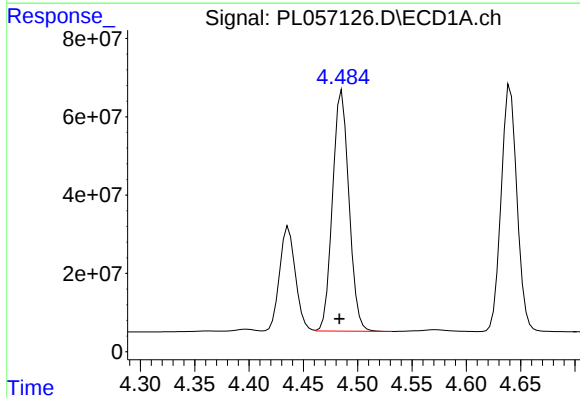
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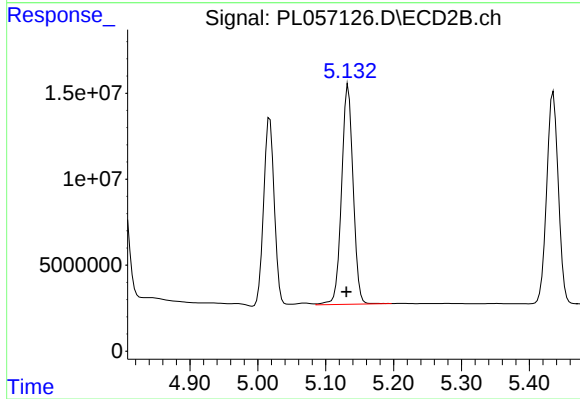
#3 gamma-BHC (Lindane)

R.T.: 4.630 min  
Delta R.T.: 0.003 min  
Response: 148941527  
Conc: 47.91 ng/ml



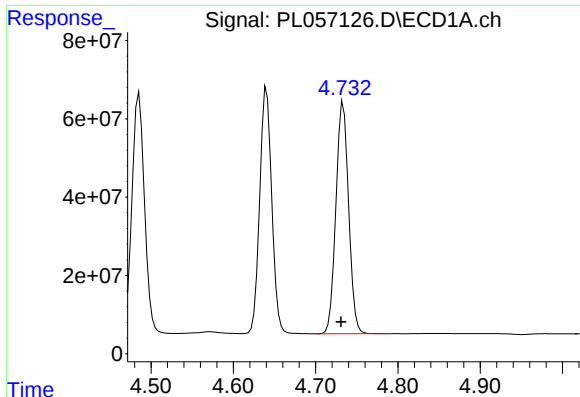
#4 Heptachlor

R.T.: 4.486 min  
Delta R.T.: 0.003 min  
Response: 646954903  
Conc: 47.63 ng/ml



#4 Heptachlor

R.T.: 5.133 min  
Delta R.T.: 0.003 min  
Response: 150714994  
Conc: 48.42 ng/ml



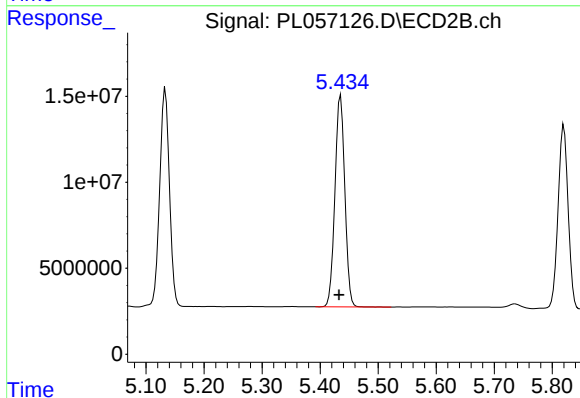
#5 Aldrin

R.T.: 4.734 min  
Delta R.T.: 0.002 min  
Response: 634564809  
Conc: 49.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB127308BS

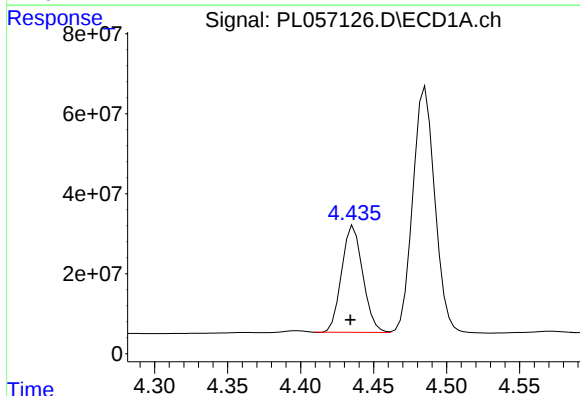
Manual Integrations  
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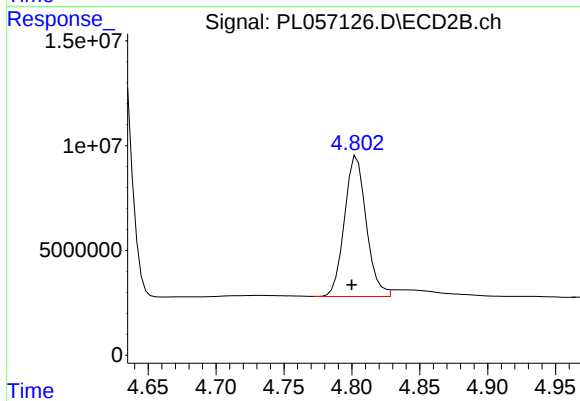
#5 Aldrin

R.T.: 5.435 min  
Delta R.T.: 0.003 min  
Response: 146328192  
Conc: 48.95 ng/ml



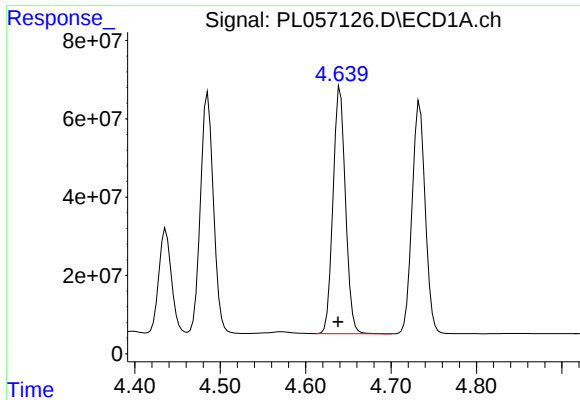
#6 beta-BHC

R.T.: 4.436 min  
Delta R.T.: 0.002 min  
Response: 268342588  
Conc: 50.66 ng/ml



#6 beta-BHC

R.T.: 4.802 min  
Delta R.T.: 0.002 min  
Response: 75760469  
Conc: 53.75 ng/ml m



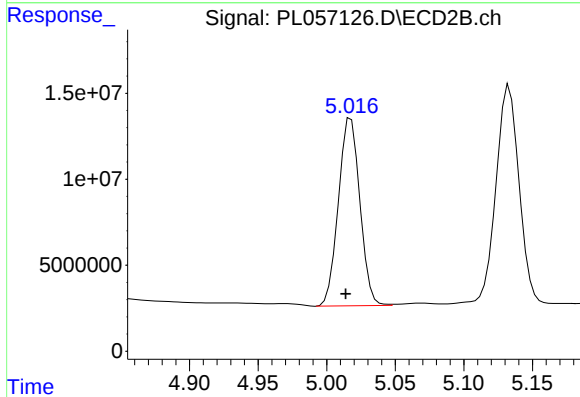
#7 delta-BHC

R.T.: 4.641 min  
Delta R.T.: 0.002 min  
Response: 639410595  
Conc: 49.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB127308BS

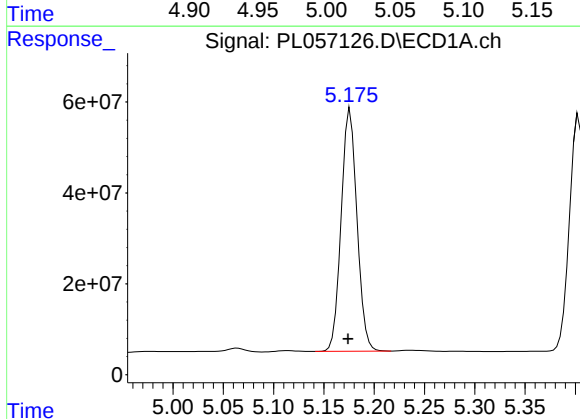
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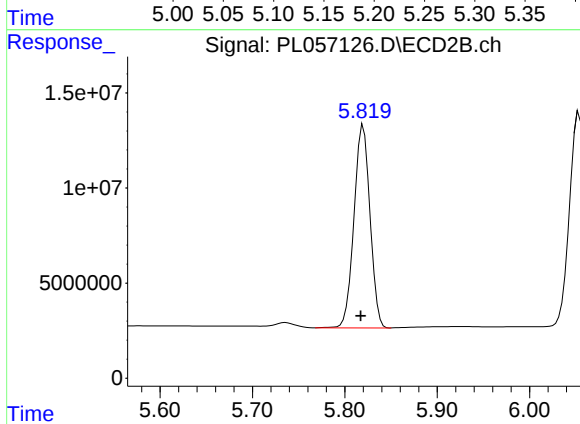
#7 delta-BHC

R.T.: 5.018 min  
Delta R.T.: 0.004 min  
Response: 119219634  
Conc: 48.96 ng/ml



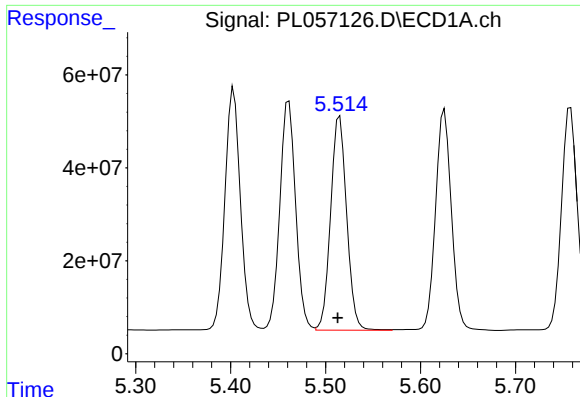
#8 Heptachlor epoxide

R.T.: 5.176 min  
Delta R.T.: 0.002 min  
Response: 582611483  
Conc: 48.15 ng/ml



#8 Heptachlor epoxide

R.T.: 5.820 min  
Delta R.T.: 0.003 min  
Response: 128710514  
Conc: 46.45 ng/ml



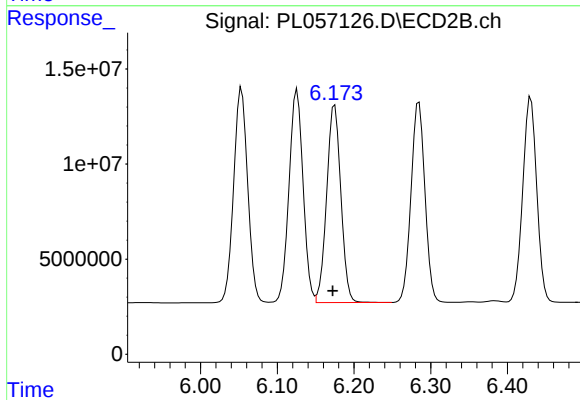
#9 Endosulfan I

R.T.: 5.515 min  
Delta R.T.: 0.002 min  
Response: 540901958  
Conc: 47.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB127308BS

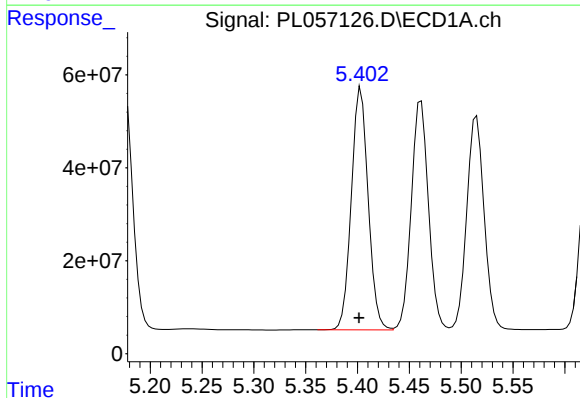
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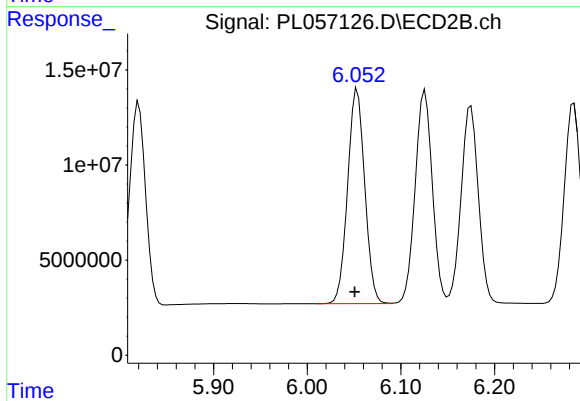
#9 Endosulfan I

R.T.: 6.175 min  
Delta R.T.: 0.003 min  
Response: 133523575  
Conc: 47.80 ng/ml



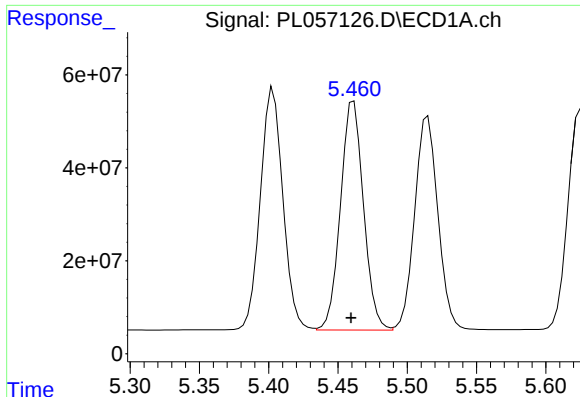
#10 gamma-Chlordane

R.T.: 5.403 min  
Delta R.T.: 0.002 min  
Response: 588838767  
Conc: 47.41 ng/ml



#10 gamma-Chlordane

R.T.: 6.054 min  
Delta R.T.: 0.003 min  
Response: 143456480  
Conc: 47.92 ng/ml



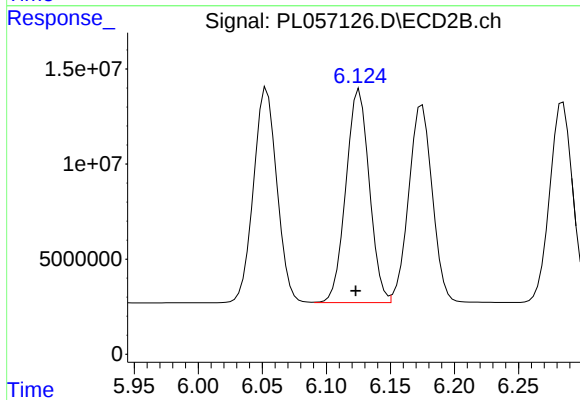
#11 alpha-Chlordane

R.T.: 5.461 min  
Delta R.T.: 0.002 min  
Response: 570348101  
Conc: 46.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB127308BS

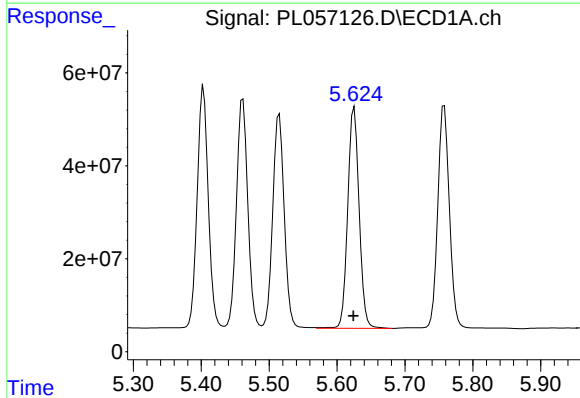
Manual Integrations  
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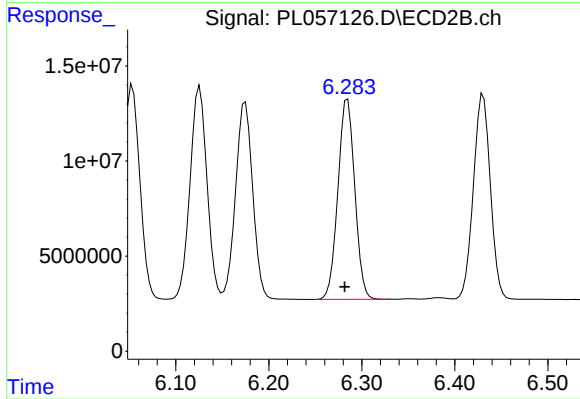
#11 alpha-Chlordane

R.T.: 6.126 min  
Delta R.T.: 0.003 min  
Response: 142583344  
Conc: 47.30 ng/ml



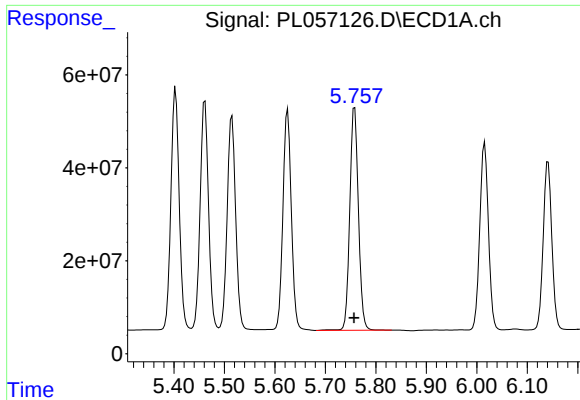
#12 4,4'-DDE

R.T.: 5.625 min  
Delta R.T.: 0.001 min  
Response: 554185126  
Conc: 47.29 ng/ml



#12 4,4'-DDE

R.T.: 6.285 min  
Delta R.T.: 0.003 min  
Response: 132707020  
Conc: 46.76 ng/ml



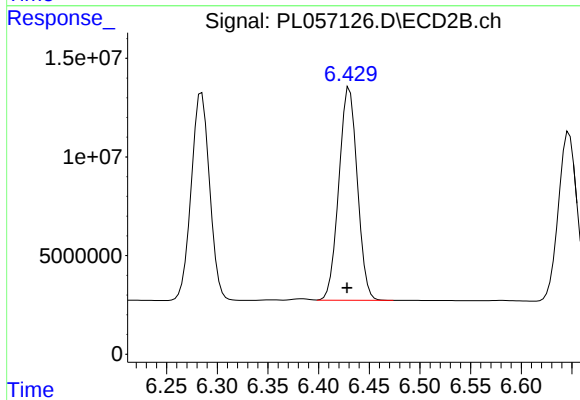
#13 Dieldrin

R.T.: 5.758 min  
Delta R.T.: 0.001 min  
Response: 570397315  
Conc: 46.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB127308BS

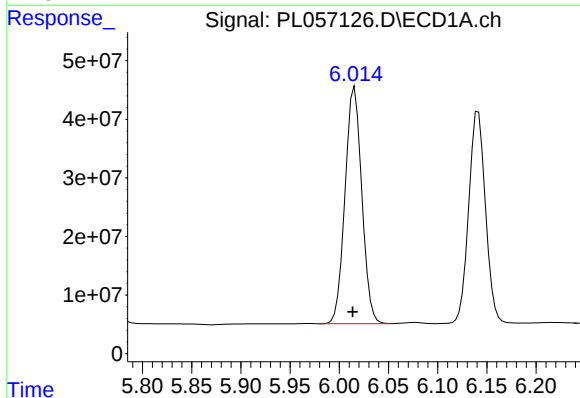
Manual Integrations  
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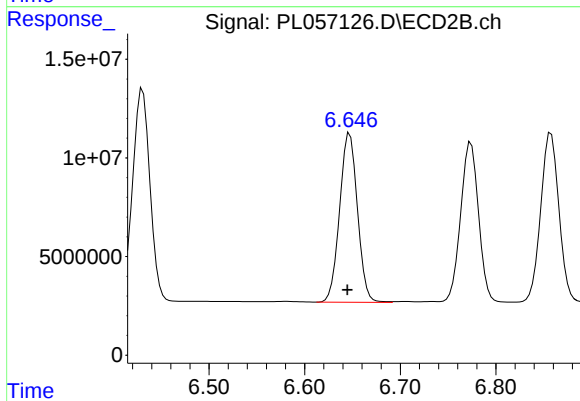
#13 Dieldrin

R.T.: 6.429 min  
Delta R.T.: 0.001 min  
Response: 136874674  
Conc: 46.50 ng/ml m



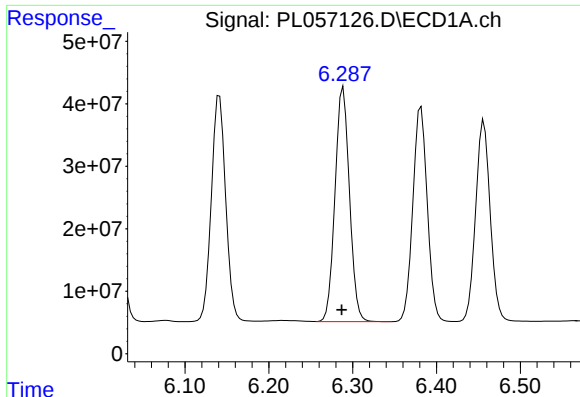
#14 Endrin

R.T.: 6.016 min  
Delta R.T.: 0.002 min  
Response: 479025543  
Conc: 44.03 ng/ml



#14 Endrin

R.T.: 6.647 min  
Delta R.T.: 0.002 min  
Response: 111407432  
Conc: 43.20 ng/ml



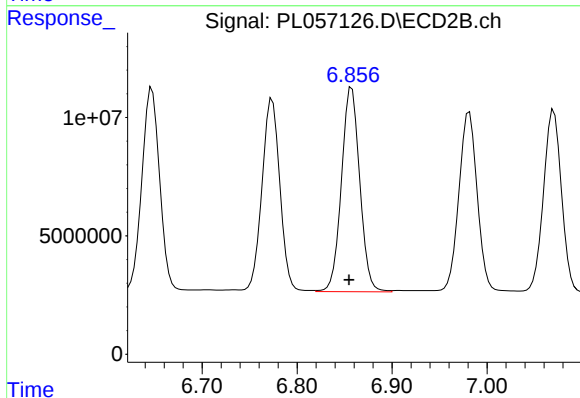
#15 Endosulfan II

R.T.: 6.289 min  
Delta R.T.: 0.002 min  
Response: 449117841  
Conc: 41.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB127308BS

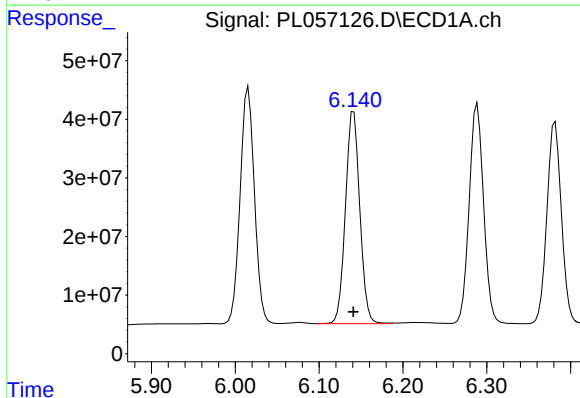
Manual Integrations  
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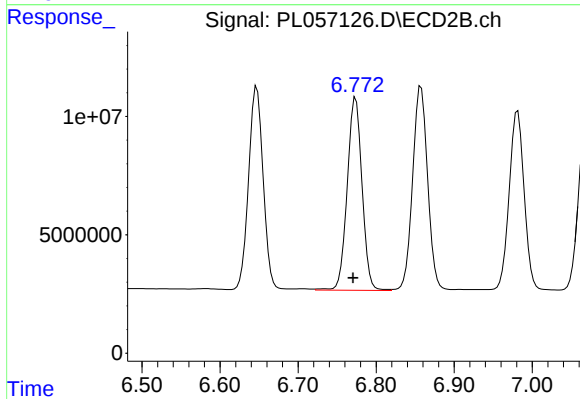
#15 Endosulfan II

R.T.: 6.858 min  
Delta R.T.: 0.003 min  
Response: 115898085  
Conc: 41.30 ng/ml



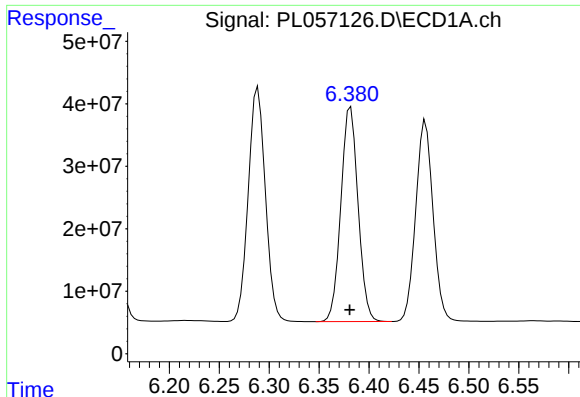
#16 4,4'-DDD

R.T.: 6.141 min  
Delta R.T.: 0.000 min  
Response: 431627878  
Conc: 44.59 ng/ml



#16 4,4'-DDD

R.T.: 6.774 min  
Delta R.T.: 0.003 min  
Response: 107447823  
Conc: 44.11 ng/ml



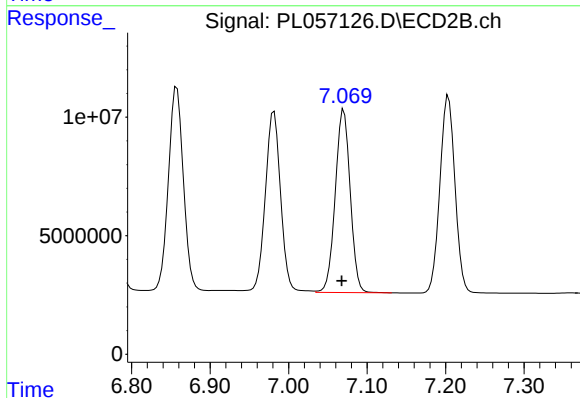
#17 4,4'-DDT

R.T.: 6.382 min  
Delta R.T.: 0.000 min  
Response: 411726791  
Conc: 42.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB127308BS

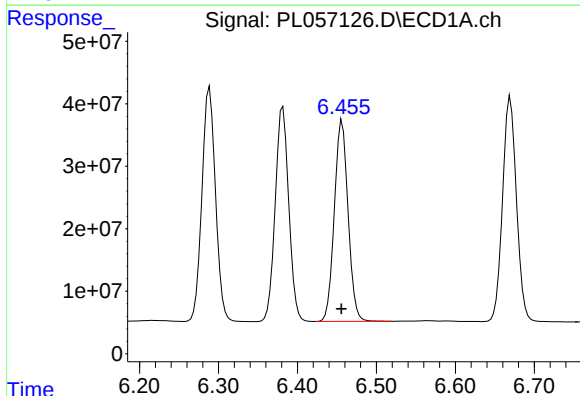
Manual Integrations  
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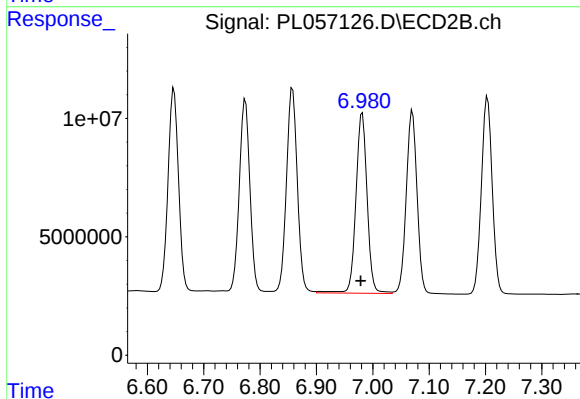
#17 4,4'-DDT

R.T.: 7.070 min  
Delta R.T.: 0.003 min  
Response: 102340482  
Conc: 41.60 ng/ml



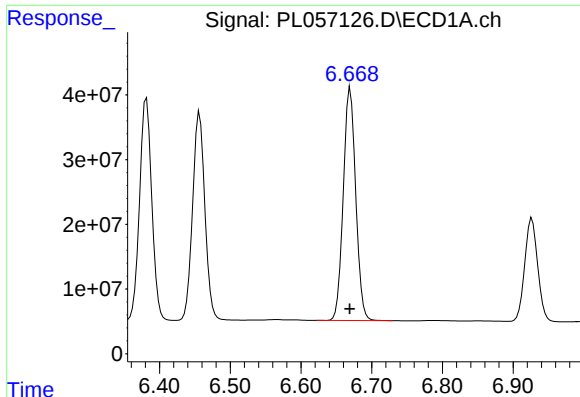
#18 Endrin aldehyde

R.T.: 6.457 min  
Delta R.T.: 0.000 min  
Response: 388943189  
Conc: 43.48 ng/ml



#18 Endrin aldehyde

R.T.: 6.981 min  
Delta R.T.: 0.003 min  
Response: 105219560  
Conc: 45.41 ng/ml



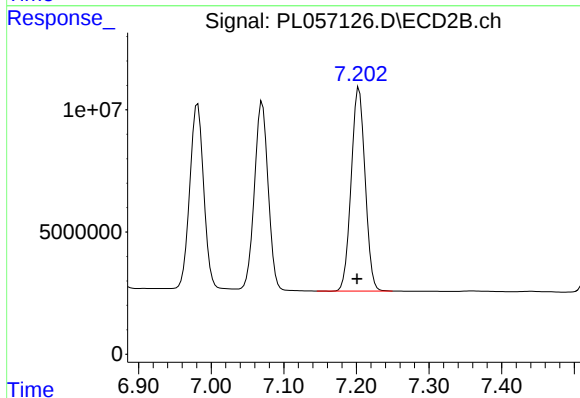
#19 Endosulfan Sulfate

R.T.: 6.670 min  
Delta R.T.: 0.000 min  
Response: 440148182  
Conc: 44.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB127308BS

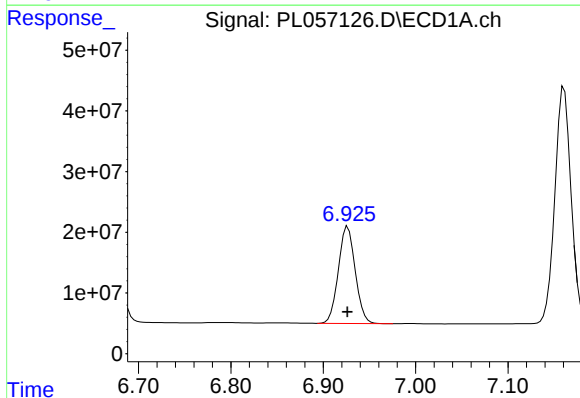
Manual Integrations  
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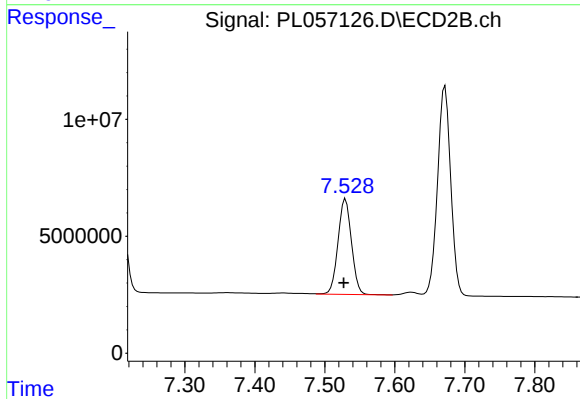
#19 Endosulfan Sulfate

R.T.: 7.204 min  
Delta R.T.: 0.003 min  
Response: 111034417  
Conc: 44.27 ng/ml



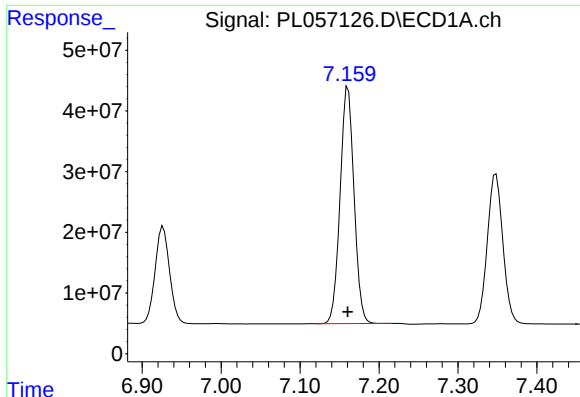
#20 Methoxychlor

R.T.: 6.927 min  
Delta R.T.: 0.000 min  
Response: 203077238  
Conc: 40.73 ng/ml



#20 Methoxychlor

R.T.: 7.530 min  
Delta R.T.: 0.003 min  
Response: 54641193  
Conc: 43.74 ng/ml



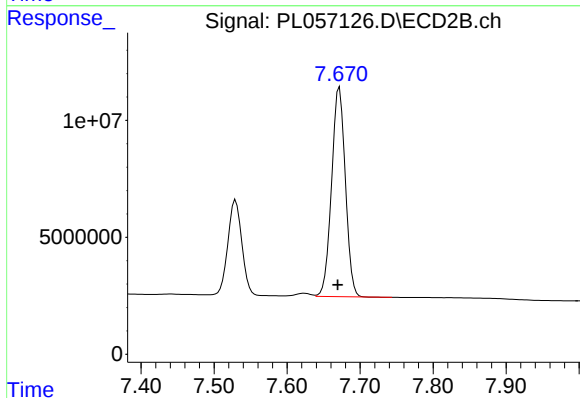
#21 Endrin ketone

R.T.: 7.161 min  
Delta R.T.: 0.000 min  
Response: 478013017  
Conc: 42.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB127308BS

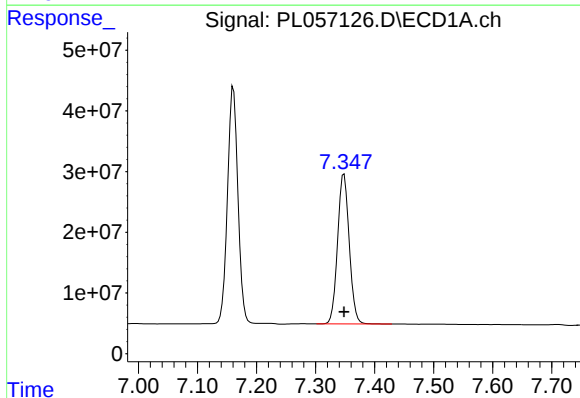
Manual Integrations  
APPROVED

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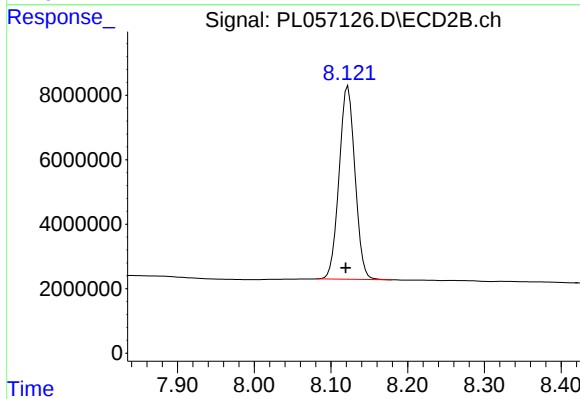
#21 Endrin ketone

R.T.: 7.672 min  
Delta R.T.: 0.003 min  
Response: 117484619  
Conc: 42.87 ng/ml



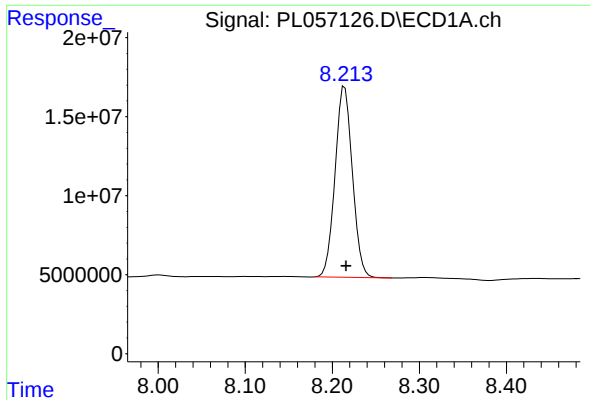
#22 Mirex

R.T.: 7.348 min  
Delta R.T.: 0.000 min  
Response: 338590121  
Conc: 41.78 ng/ml



#22 Mirex

R.T.: 8.122 min  
Delta R.T.: 0.003 min  
Response: 86179879  
Conc: 44.95 ng/ml



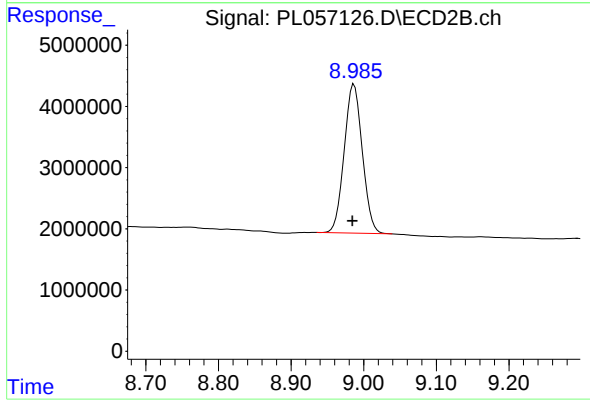
#28 Decachlorobiphenyl

R.T.: 8.214 min  
Delta R.T.: -0.002 min  
Response: 166838841  
Conc: 17.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB127308BS

Manual Integrations  
APPROVED

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#28 Decachlorobiphenyl

R.T.: 8.987 min  
Delta R.T.: 0.002 min  
Response: 42195074  
Conc: 19.86 ng/ml