

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071524\  
 Data File : PL090534.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Jul 2024 14:55  
 Operator : AR\AJ  
 Sample : PB162037BS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB162037BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 16 01:13:13 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071524.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Jul 15 14:16:48 2024  
 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... | 3.546  | 2.789 | 56507623 | 47484585 | 27.138   | 28.215    |
| 28)                         | SA Decachlor... | 9.058  | 7.932 | 32244613 | 32257033 | 24.265   | 22.123    |
| Target Compounds            |                 |        |       |          |          |          |           |
| 2)                          | A alpha-BHC     | 4.002  | 3.293 | 153.3E6  | 140.1E6  | 51.668   | 57.972    |
| 3)                          | MA gamma-BHC... | 4.334  | 3.623 | 147.3E6  | 133.6E6  | 52.615   | 57.956    |
| 4)                          | MA Heptachlor   | 4.923  | 3.964 | 134.0E6  | 124.3E6  | 52.670   | 56.350    |
| 5)                          | MB Aldrin       | 5.265  | 4.244 | 133.5E6  | 130.9E6  | 53.417   | 61.515    |
| 6)                          | B beta-BHC      | 4.530  | 3.921 | 65867700 | 55667236 | 51.925   | 53.930    |
| 7)                          | B delta-BHC     | 4.777  | 4.151 | 136.2E6  | 119.5E6  | 50.816   | 54.325    |
| 8)                          | B Heptachlo...  | 5.690  | 4.746 | 123.5E6  | 110.7E6  | 52.527   | 56.783    |
| 9)                          | A Endosulfan I  | 6.075  | 5.117 | 108.2E6  | 100.2E6  | 50.590   | 54.803    |
| 10)                         | B gamma-Chl...  | 5.946  | 4.996 | 123.4E6  | 112.7E6  | 53.054   | 55.586    |
| 11)                         | B alpha-Chl...  | 6.024  | 5.061 | 116.7E6  | 112.9E6  | 50.817   | 55.893    |
| 12)                         | B 4,4'-DDE      | 6.197  | 5.250 | 100.8E6  | 103.5E6  | 49.854   | 57.941    |
| 13)                         | MA Dieldrin     | 6.350  | 5.381 | 109.4E6  | 109.5E6  | 49.242   | 55.817    |
| 14)                         | MA Endrin       | 6.579  | 5.656 | 92520978 | 92119689 | 50.326   | 53.523    |
| 15)                         | B Endosulfa...  | 6.798  | 5.950 | 93425137 | 91318452 | 47.499   | 53.453    |
| 16)                         | A 4,4'-DDD      | 6.714  | 5.804 | 85931426 | 82150527 | 50.901   | 54.830    |
| 17)                         | MA 4,4'-DDT     | 7.028  | 6.054 | 83473851 | 80189534 | 49.590   | 54.731    |
| 18)                         | B Endrin al...  | 6.928  | 6.129 | 75292077 | 70730083 | 50.749   | 54.135    |
| 19)                         | B Endosulfa...  | 7.162  | 6.352 | 87187382 | 85634561 | 49.645   | 53.107    |
| 20)                         | A Methoxychlor  | 7.502  | 6.630 | 45126747 | 43857157 | 51.111   | 54.242    |
| 21)                         | B Endrin ke...  | 7.647  | 6.858 | 96072011 | 94214523 | 50.326   | 51.554    |
| 22)                         | Mirex           | 8.121  | 7.040 | 69580040 | 71664922 | 49.130   | 48.208    |
| 23)                         | Chlordane-1     | 0.000  | 3.803 | 0        | 1468814  | N.D.     | 23.722 #  |
| 24)                         | Chlordane-2     | 5.265f | 4.379 | 133.5E6  | 1827701  | 1303.888 | 24.099 #  |
| 25)                         | Chlordane-3     | 5.946  | 4.996 | 123.4E6  | 112.7E6  | 372.607  | 545.268 # |
| 26)                         | Chlordane-4     | 6.024  | 5.061 | 116.7E6  | 112.9E6  | 292.892  | 577.105 # |
| 27)                         | Chlordane-5     | 0.000  | 5.727 | 0        | 981270   | N.D.     | 16.279 #  |
| -----                       |                 |        |       |          |          |          |           |

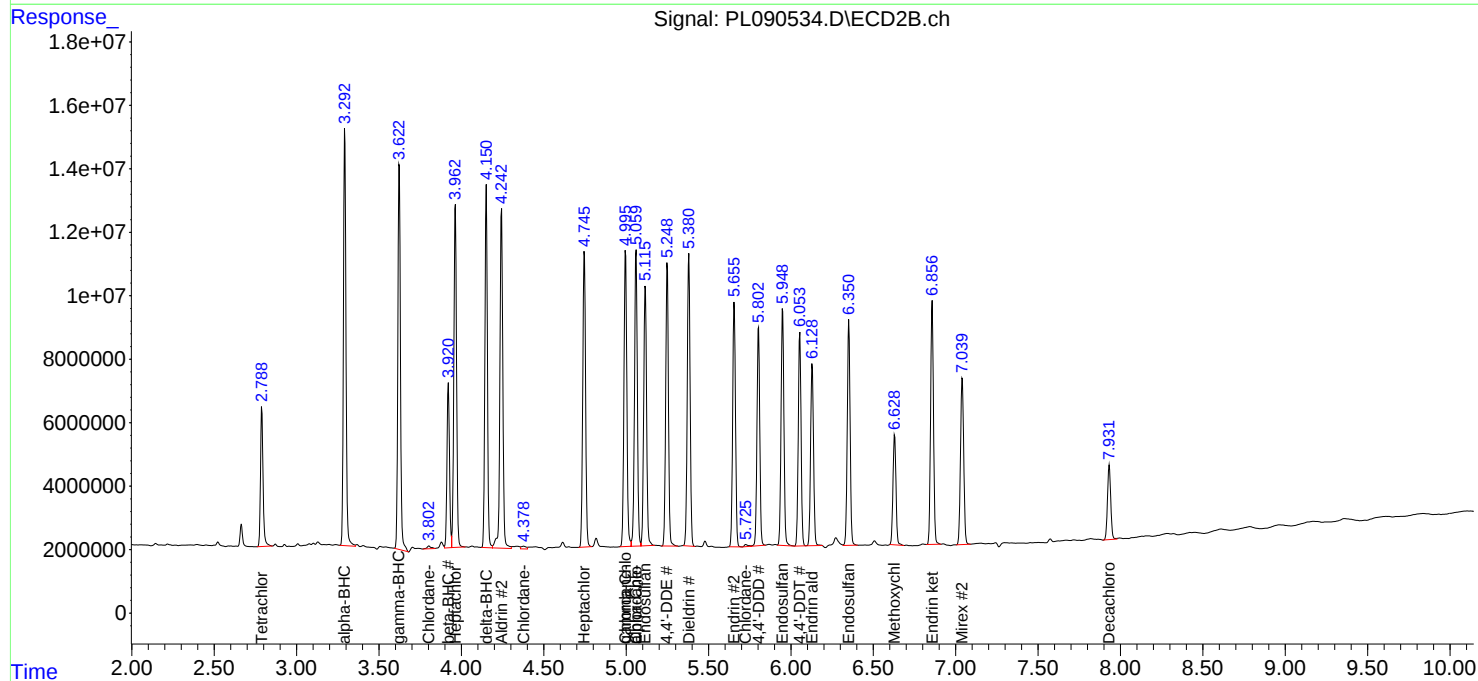
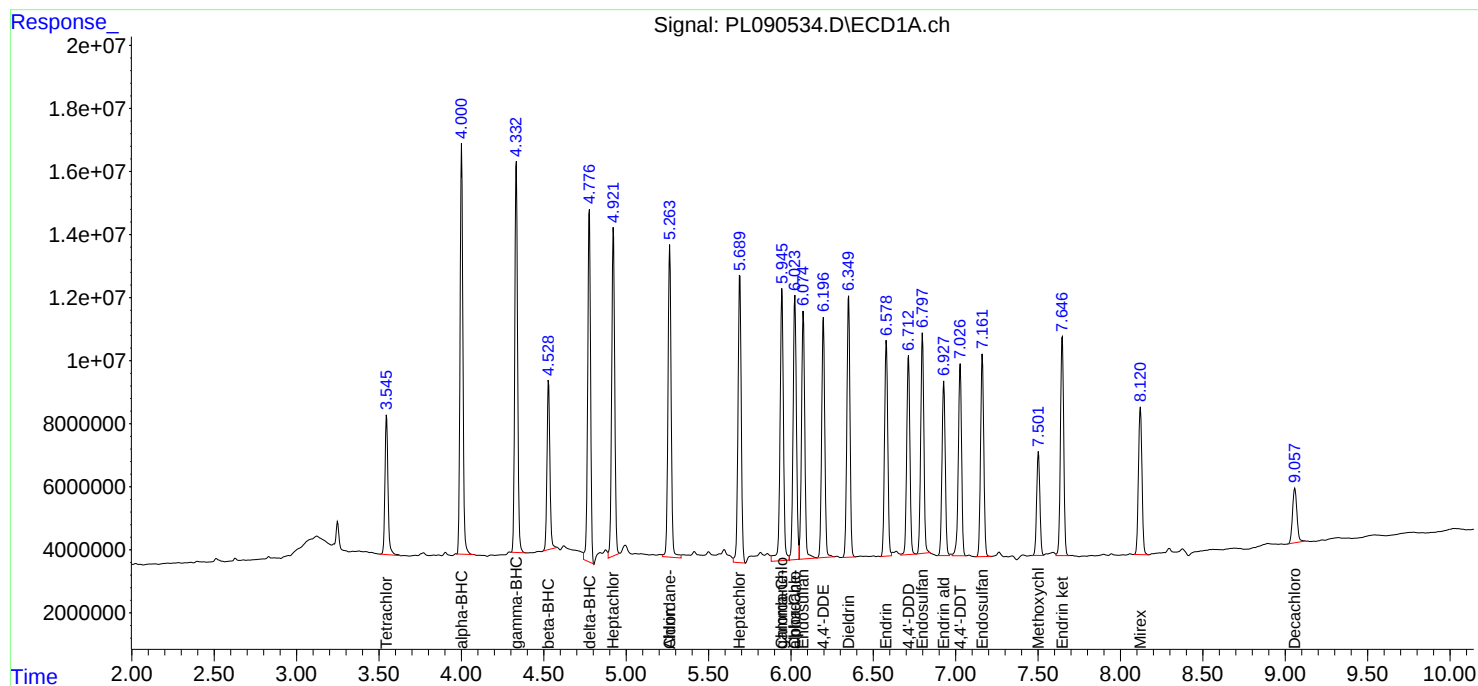
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

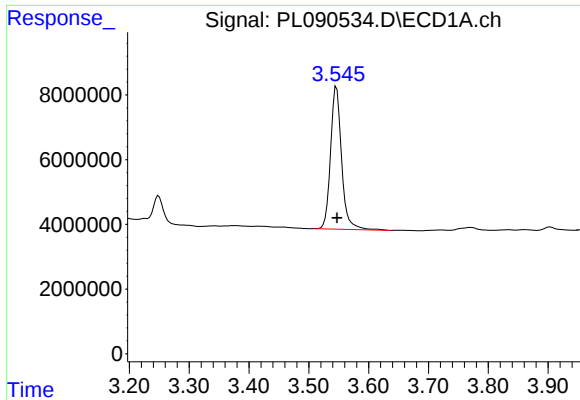
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071524\  
Data File : PL090534.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Jul 2024 14:55  
Operator : AR\AJ  
Sample : PB162037BS  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PB162037BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 16 01:13:13 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071524.M  
Quant Title : GC Extractables  
QLast Update : Mon Jul 15 14:16:48 2024  
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

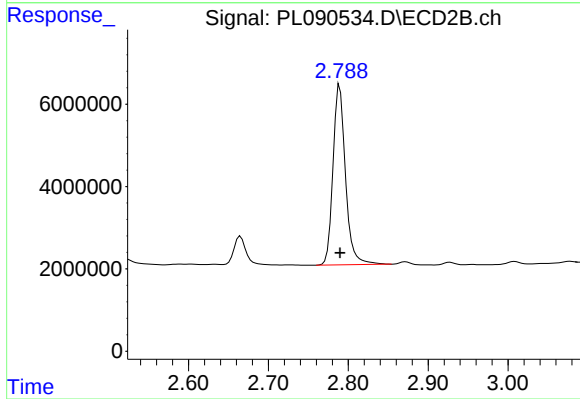




#1 Tetrachloro-m-xylene

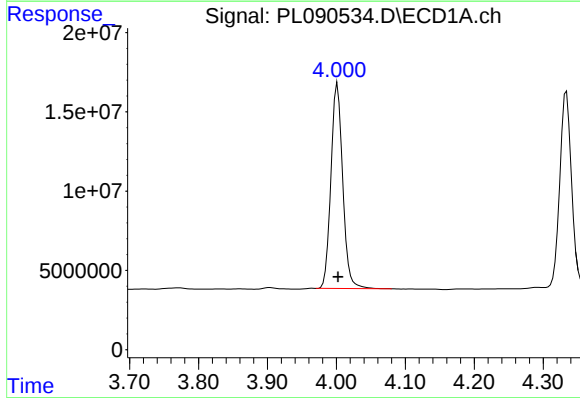
R.T.: 3.546 min  
Delta R.T.: 0.000 min  
Response: 56507623  
Conc: 27.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB162037BS



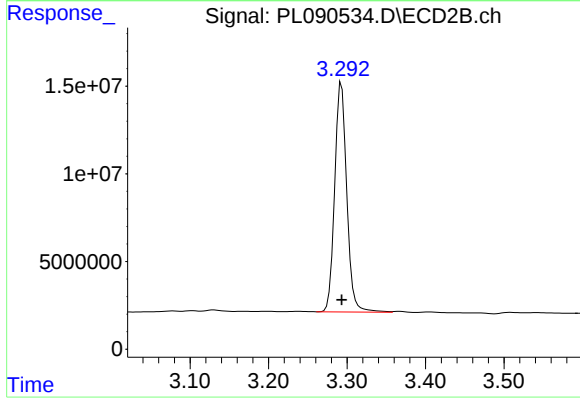
#1 Tetrachloro-m-xylene

R.T.: 2.789 min  
Delta R.T.: 0.000 min  
Response: 47484585  
Conc: 28.21 ng/ml



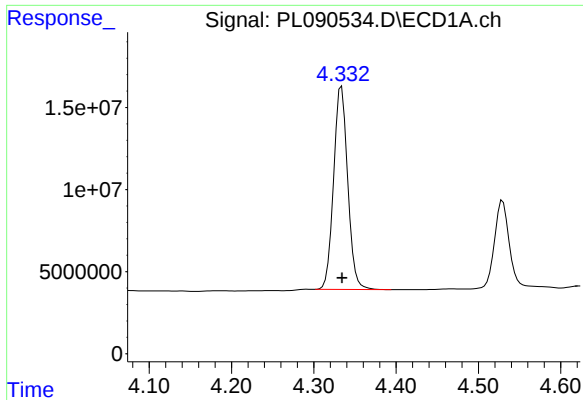
#2 alpha-BHC

R.T.: 4.002 min  
Delta R.T.: 0.000 min  
Response: 153318921  
Conc: 51.67 ng/ml



#2 alpha-BHC

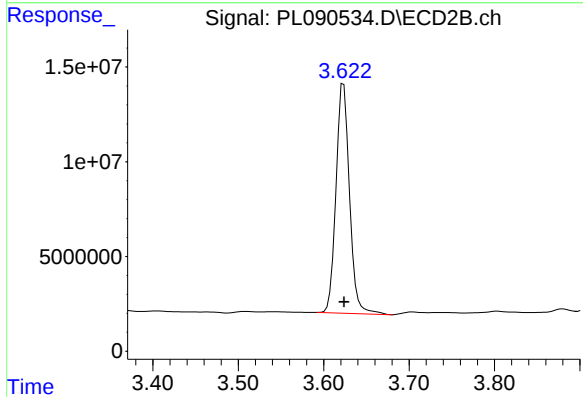
R.T.: 3.293 min  
Delta R.T.: 0.000 min  
Response: 140067181  
Conc: 57.97 ng/ml



#3 gamma-BHC (Lindane)

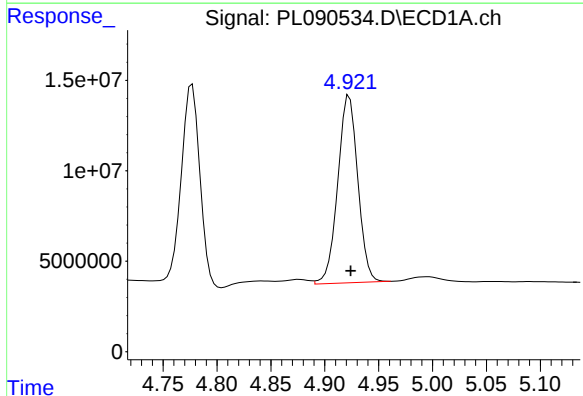
R.T.: 4.334 min  
Delta R.T.: 0.000 min  
Response: 147346231  
Conc: 52.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB162037BS



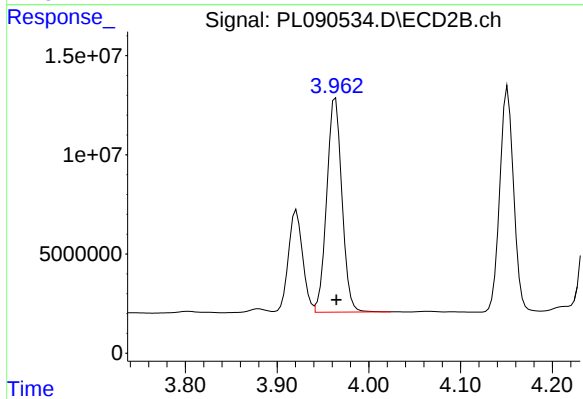
#3 gamma-BHC (Lindane)

R.T.: 3.623 min  
Delta R.T.: 0.000 min  
Response: 133644186  
Conc: 57.96 ng/ml



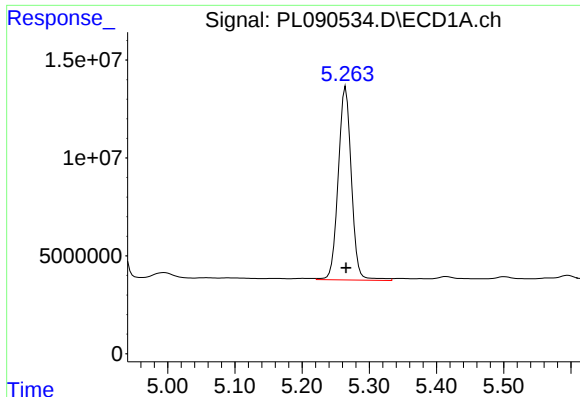
#4 Heptachlor

R.T.: 4.923 min  
Delta R.T.: -0.001 min  
Response: 134046872  
Conc: 52.67 ng/ml



#4 Heptachlor

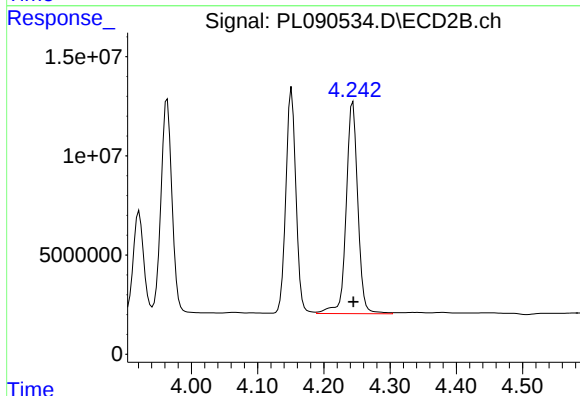
R.T.: 3.964 min  
Delta R.T.: 0.000 min  
Response: 124311074  
Conc: 56.35 ng/ml



#5 Aldrin

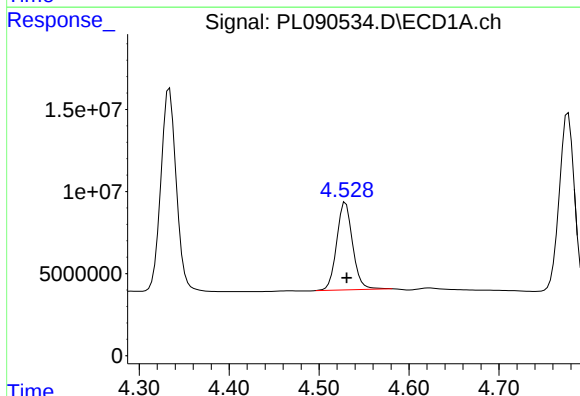
R.T.: 5.265 min  
Delta R.T.: 0.000 min  
Response: 133457065  
Conc: 53.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB162037BS



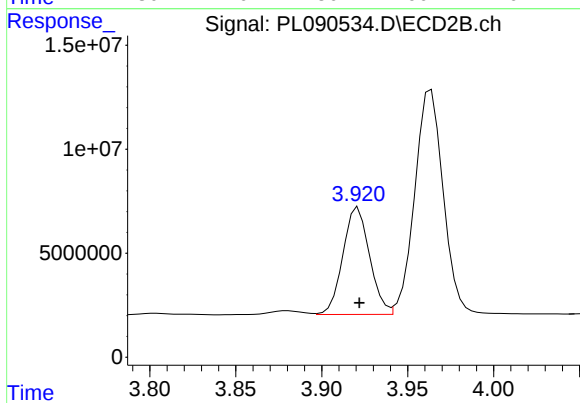
#5 Aldrin

R.T.: 4.244 min  
Delta R.T.: 0.000 min  
Response: 130872485  
Conc: 61.52 ng/ml



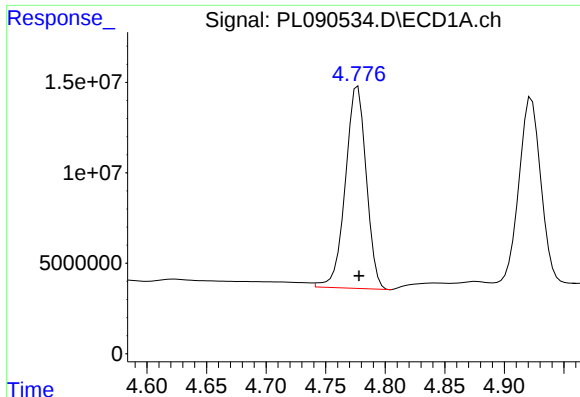
#6 beta-BHC

R.T.: 4.530 min  
Delta R.T.: -0.001 min  
Response: 65867700  
Conc: 51.92 ng/ml



#6 beta-BHC

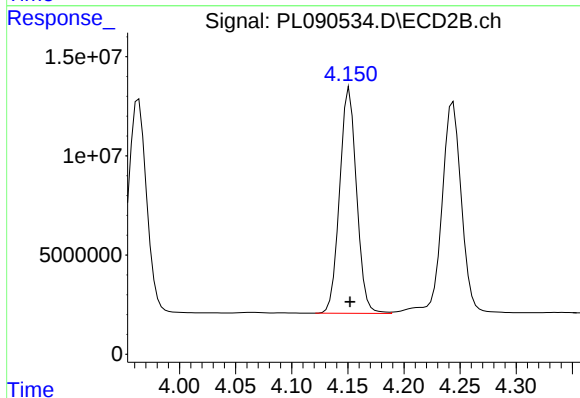
R.T.: 3.921 min  
Delta R.T.: 0.000 min  
Response: 55667236  
Conc: 53.93 ng/ml



#7 delta-BHC

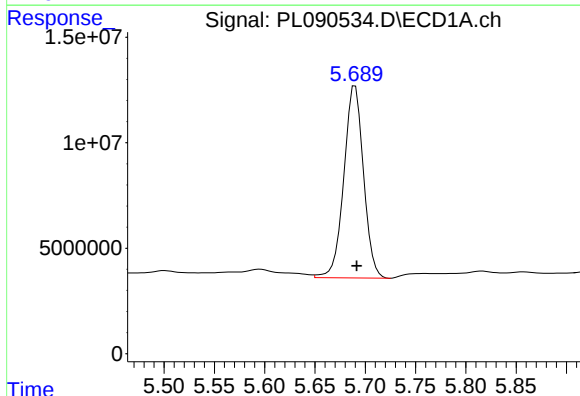
R.T.: 4.777 min  
Delta R.T.: -0.001 min  
Response: 136241394  
Conc: 50.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB162037BS



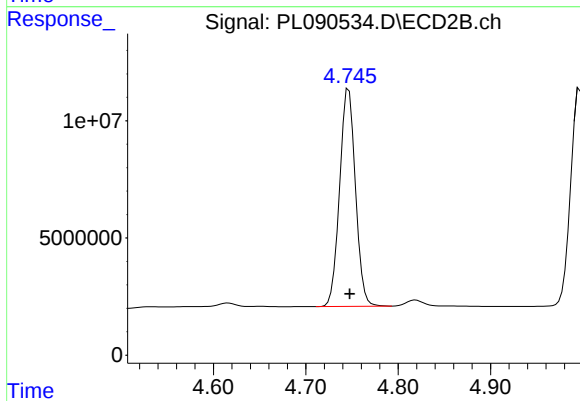
#7 delta-BHC

R.T.: 4.151 min  
Delta R.T.: 0.000 min  
Response: 119500826  
Conc: 54.32 ng/ml



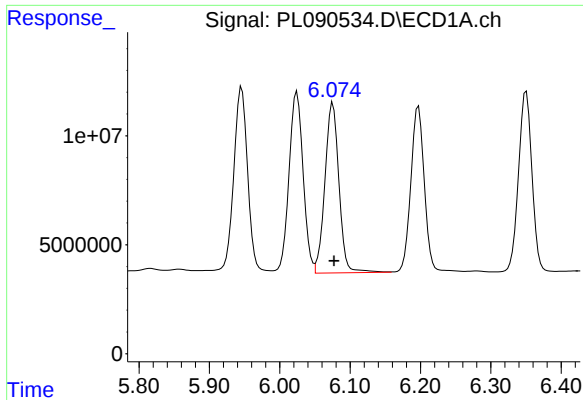
#8 Heptachlor epoxide

R.T.: 5.690 min  
Delta R.T.: -0.001 min  
Response: 123459787  
Conc: 52.53 ng/ml



#8 Heptachlor epoxide

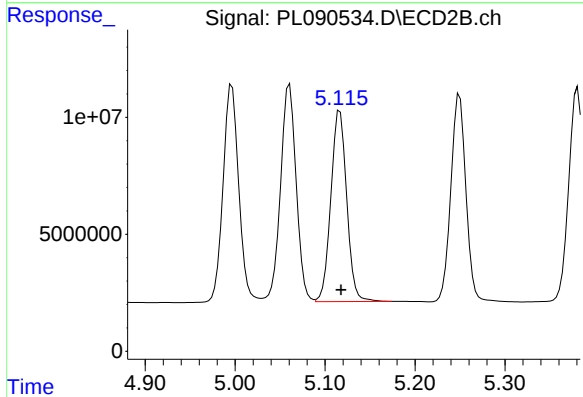
R.T.: 4.746 min  
Delta R.T.: -0.001 min  
Response: 110748901  
Conc: 56.78 ng/ml



#9 Endosulfan I

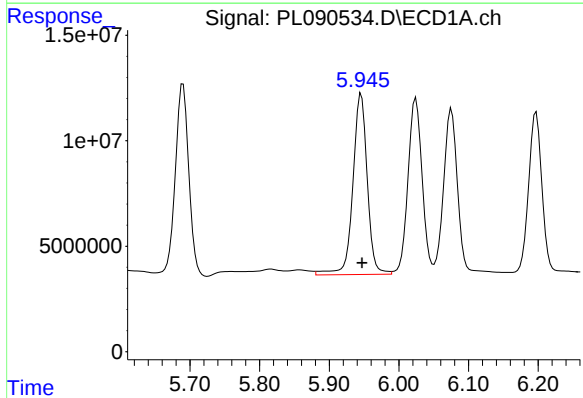
R.T.: 6.075 min  
Delta R.T.: -0.002 min  
Response: 108197727  
Conc: 50.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB162037BS



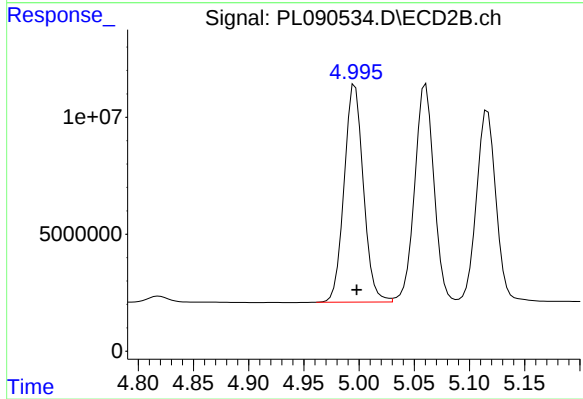
#9 Endosulfan I

R.T.: 5.117 min  
Delta R.T.: -0.001 min  
Response: 100221946  
Conc: 54.80 ng/ml



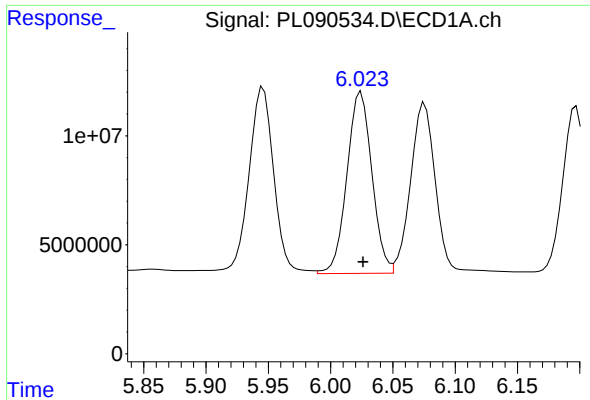
#10 gamma-Chlordane

R.T.: 5.946 min  
Delta R.T.: -0.001 min  
Response: 123352710  
Conc: 53.05 ng/ml



#10 gamma-Chlordane

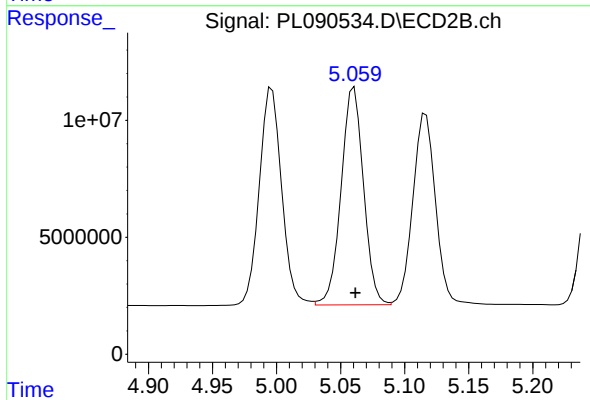
R.T.: 4.996 min  
Delta R.T.: -0.002 min  
Response: 112695872  
Conc: 55.59 ng/ml



#11 alpha-Chlordane

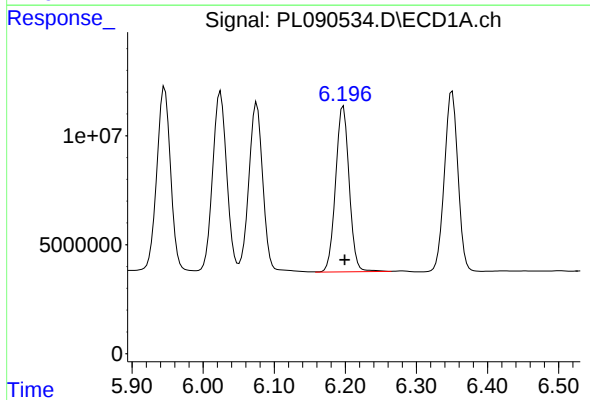
R.T.: 6.024 min  
Delta R.T.: -0.002 min  
Response: 116661262  
Conc: 50.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB162037BS



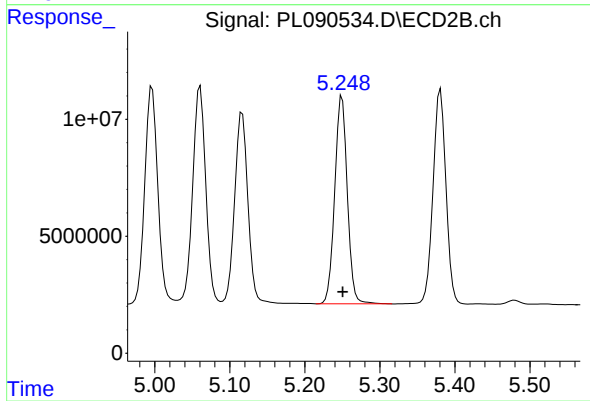
#11 alpha-Chlordane

R.T.: 5.061 min  
Delta R.T.: 0.000 min  
Response: 112938140  
Conc: 55.89 ng/ml



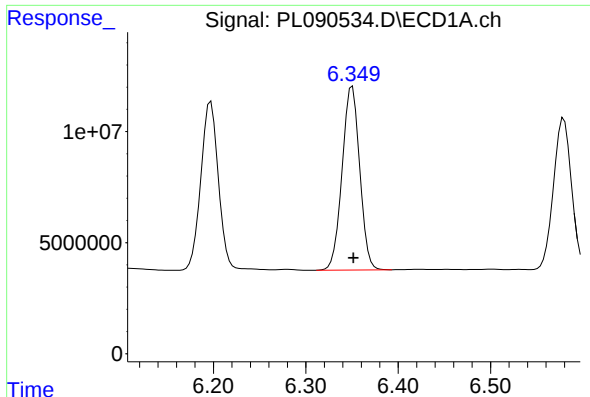
#12 4,4'-DDE

R.T.: 6.197 min  
Delta R.T.: -0.002 min  
Response: 100806159  
Conc: 49.85 ng/ml



#12 4,4'-DDE

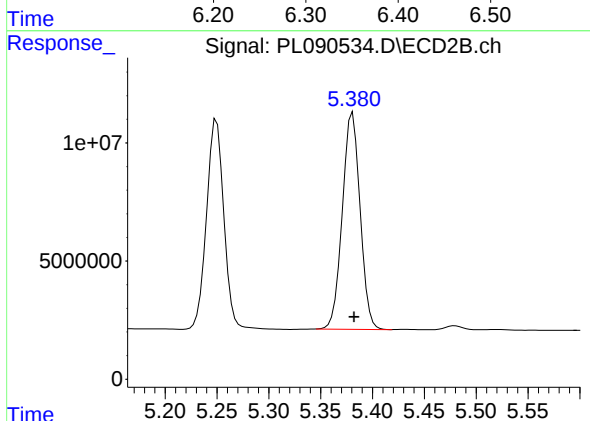
R.T.: 5.250 min  
Delta R.T.: 0.000 min  
Response: 103548583  
Conc: 57.94 ng/ml



#13 Dieldrin

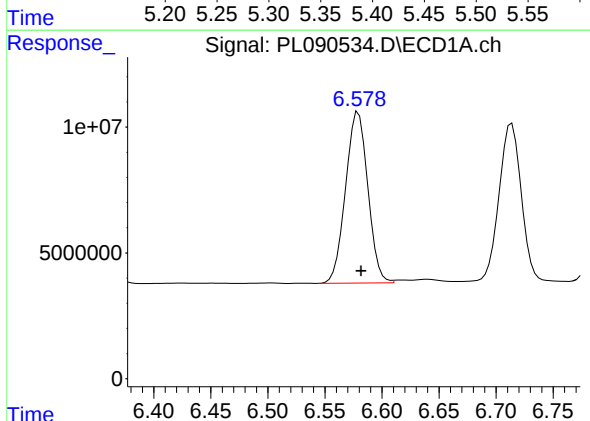
R.T.: 6.350 min  
Delta R.T.: -0.001 min  
Response: 109405579  
Conc: 49.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB162037BS



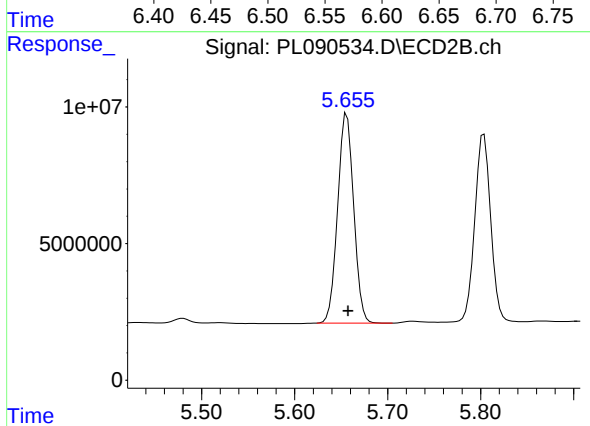
#13 Dieldrin

R.T.: 5.381 min  
Delta R.T.: -0.001 min  
Response: 109452921  
Conc: 55.82 ng/ml



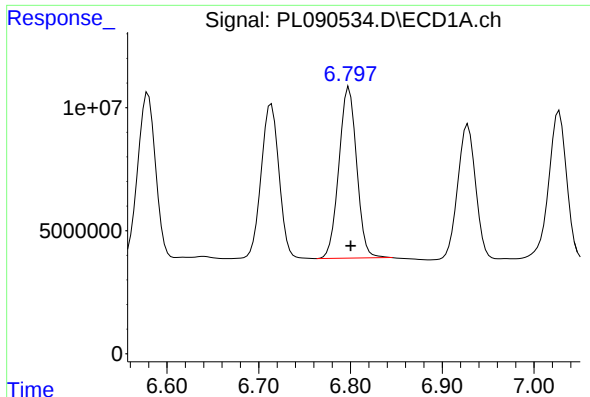
#14 Endrin

R.T.: 6.579 min  
Delta R.T.: -0.002 min  
Response: 92520978  
Conc: 50.33 ng/ml



#14 Endrin

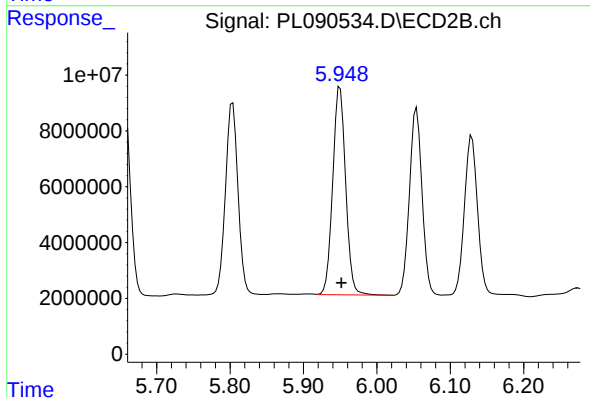
R.T.: 5.656 min  
Delta R.T.: -0.001 min  
Response: 92119689  
Conc: 53.52 ng/ml



#15 Endosulfan II

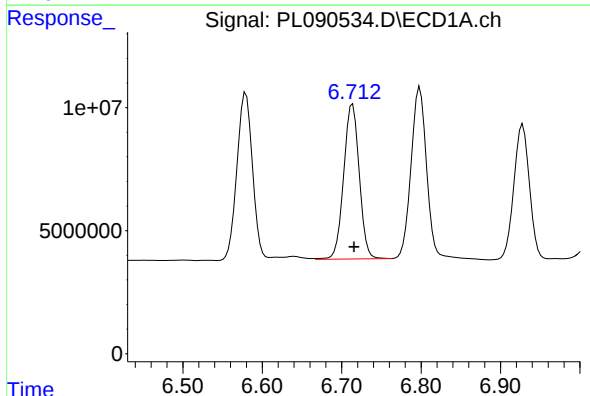
R.T.: 6.798 min  
Delta R.T.: -0.002 min  
Response: 93425137  
Conc: 47.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB162037BS



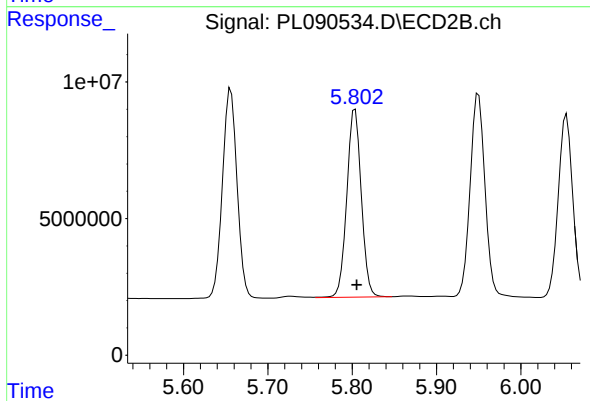
#15 Endosulfan II

R.T.: 5.950 min  
Delta R.T.: -0.002 min  
Response: 91318452  
Conc: 53.45 ng/ml



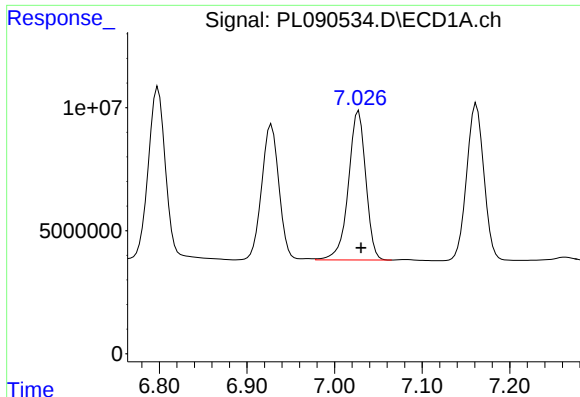
#16 4,4'-DDD

R.T.: 6.714 min  
Delta R.T.: -0.002 min  
Response: 85931426  
Conc: 50.90 ng/ml



#16 4,4'-DDD

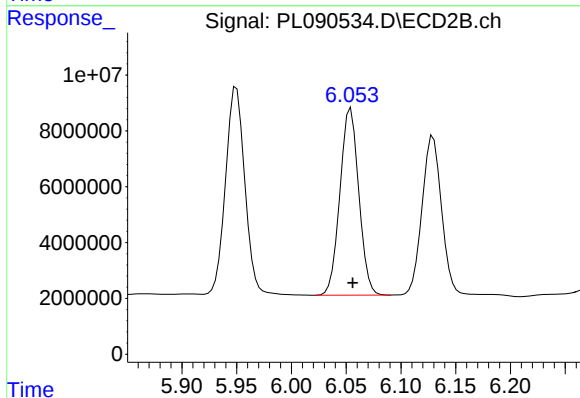
R.T.: 5.804 min  
Delta R.T.: -0.002 min  
Response: 82150527  
Conc: 54.83 ng/ml



#17 4,4'-DDT

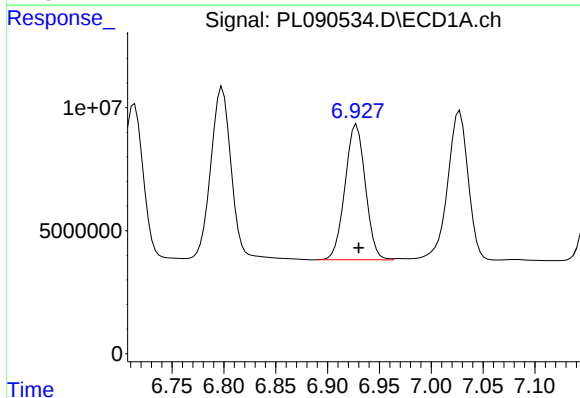
R.T.: 7.028 min  
Delta R.T.: -0.003 min  
Response: 83473851  
Conc: 49.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB162037BS



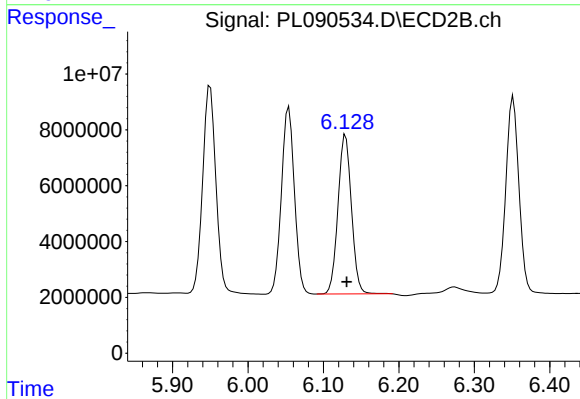
#17 4,4'-DDT

R.T.: 6.054 min  
Delta R.T.: -0.002 min  
Response: 80189534  
Conc: 54.73 ng/ml



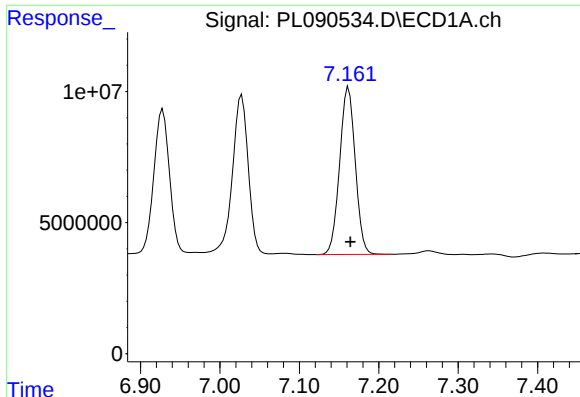
#18 Endrin aldehyde

R.T.: 6.928 min  
Delta R.T.: -0.002 min  
Response: 75292077  
Conc: 50.75 ng/ml



#18 Endrin aldehyde

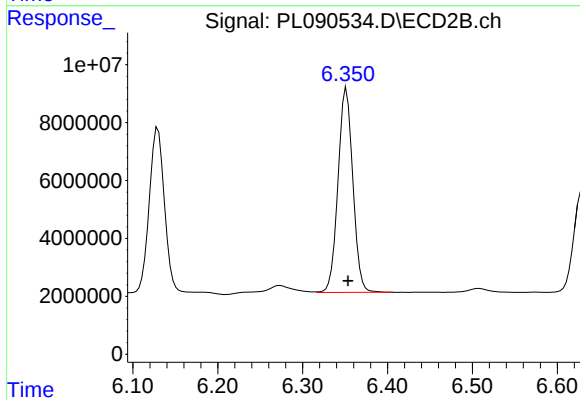
R.T.: 6.129 min  
Delta R.T.: -0.001 min  
Response: 70730083  
Conc: 54.14 ng/ml



#19 Endosulfan Sulfate

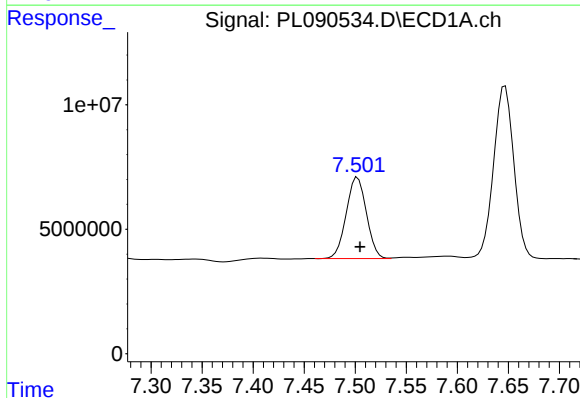
R.T.: 7.162 min  
Delta R.T.: -0.002 min  
Response: 87187382  
Conc: 49.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB162037BS



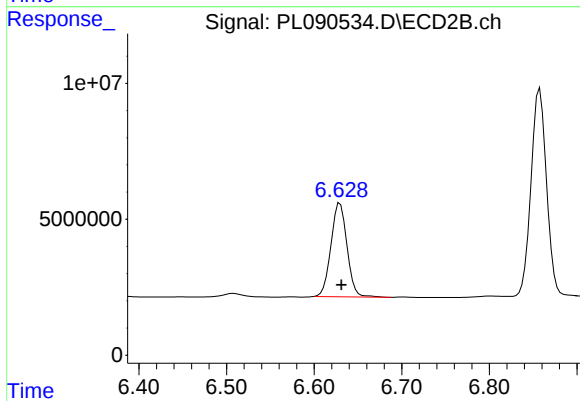
#19 Endosulfan Sulfate

R.T.: 6.352 min  
Delta R.T.: -0.002 min  
Response: 85634561  
Conc: 53.11 ng/ml



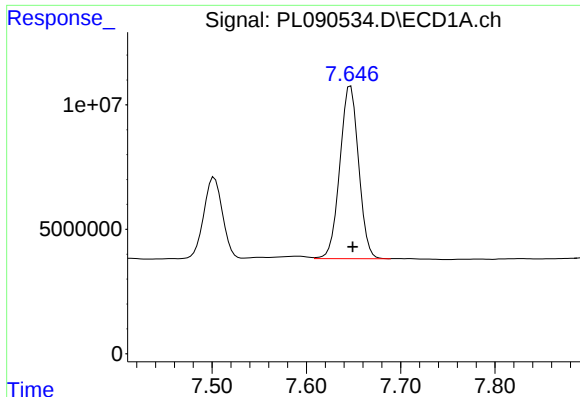
#20 Methoxychlor

R.T.: 7.502 min  
Delta R.T.: -0.002 min  
Response: 45126747  
Conc: 51.11 ng/ml



#20 Methoxychlor

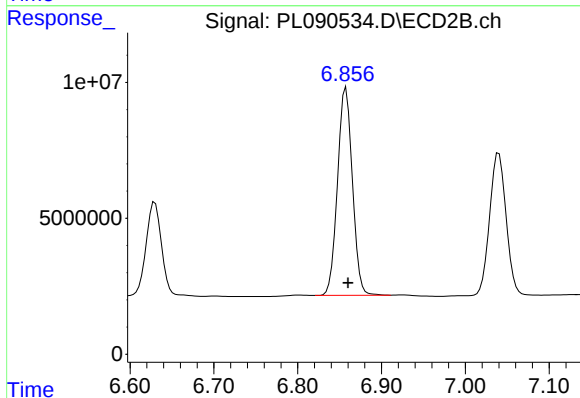
R.T.: 6.630 min  
Delta R.T.: -0.002 min  
Response: 43857157  
Conc: 54.24 ng/ml



#21 Endrin ketone

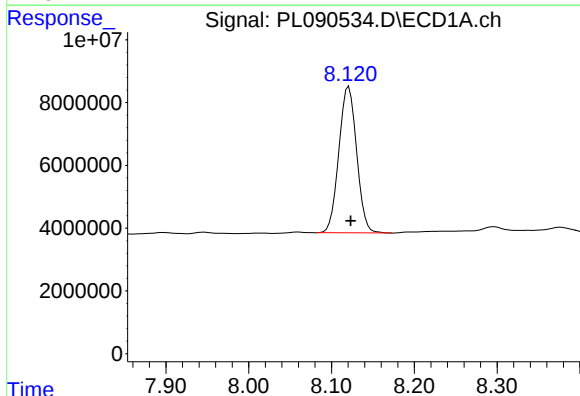
R.T.: 7.647 min  
Delta R.T.: -0.002 min  
Response: 96072011  
Conc: 50.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB162037BS



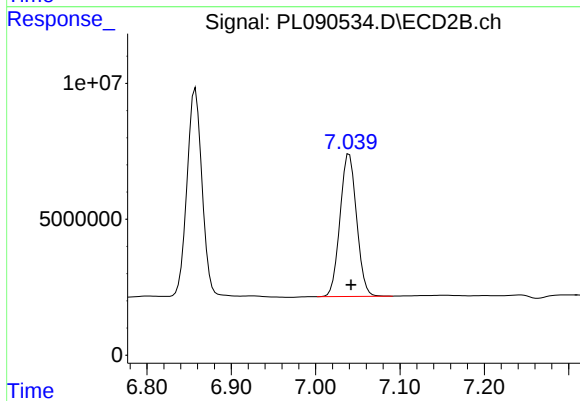
#21 Endrin ketone

R.T.: 6.858 min  
Delta R.T.: -0.002 min  
Response: 94214523  
Conc: 51.55 ng/ml



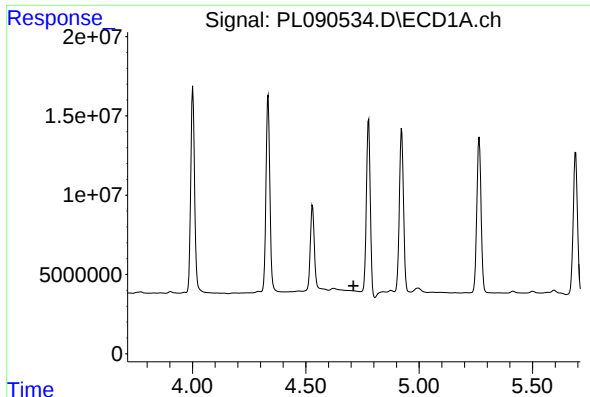
#22 Mirex

R.T.: 8.121 min  
Delta R.T.: -0.003 min  
Response: 69580040  
Conc: 49.13 ng/ml



#22 Mirex

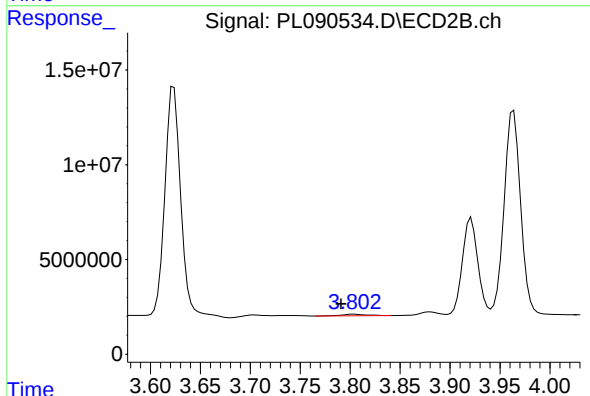
R.T.: 7.040 min  
Delta R.T.: -0.002 min  
Response: 71664922  
Conc: 48.21 ng/ml



#23 Chlordane-1

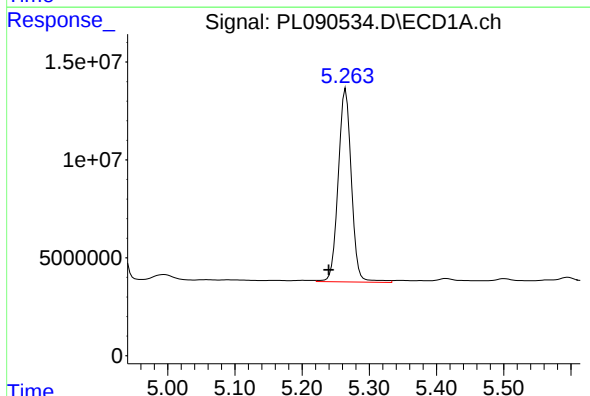
R.T.: 0.000 min  
Exp R.T.: 4.710 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PB162037BS



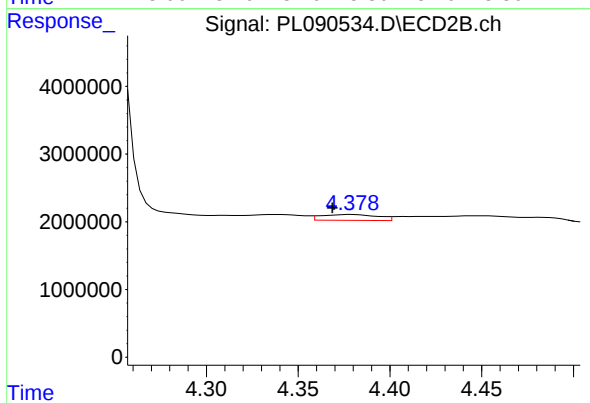
#23 Chlordane-1

R.T.: 3.803 min  
Delta R.T.: 0.012 min  
Response: 1468814  
Conc: 23.72 ng/ml



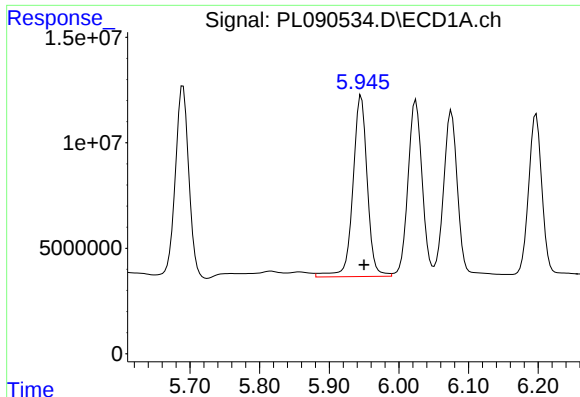
#24 Chlordane-2

R.T.: 5.265 min  
Delta R.T.: 0.025 min  
Response: 133457065  
Conc: 1303.89 ng/ml



#24 Chlordane-2

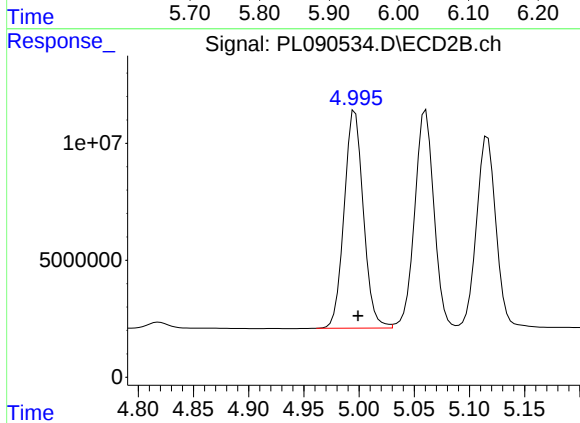
R.T.: 4.379 min  
Delta R.T.: 0.011 min  
Response: 1827701  
Conc: 24.10 ng/ml



#25 Chlordane-3

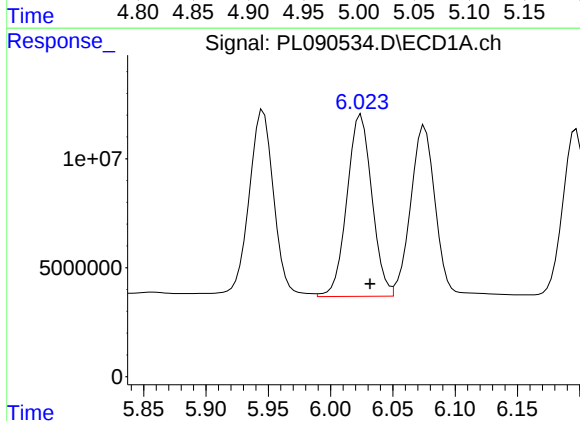
R.T.: 5.946 min  
Delta R.T.: -0.004 min  
Response: 123352710  
Conc: 372.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB162037BS



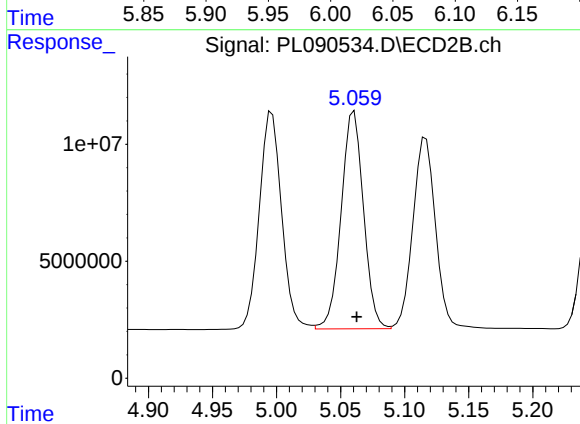
#25 Chlordane-3

R.T.: 4.996 min  
Delta R.T.: -0.003 min  
Response: 112695872  
Conc: 545.27 ng/ml



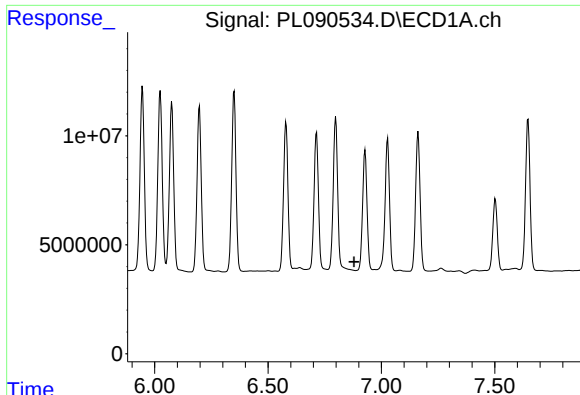
#26 Chlordane-4

R.T.: 6.024 min  
Delta R.T.: -0.007 min  
Response: 116661262  
Conc: 292.89 ng/ml



#26 Chlordane-4

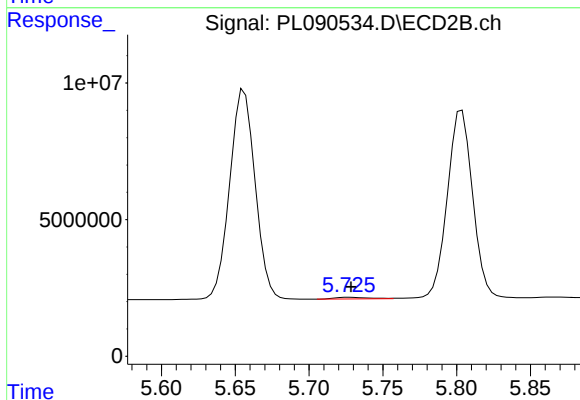
R.T.: 5.061 min  
Delta R.T.: -0.002 min  
Response: 112938140  
Conc: 577.10 ng/ml



#27 Chlordane-5

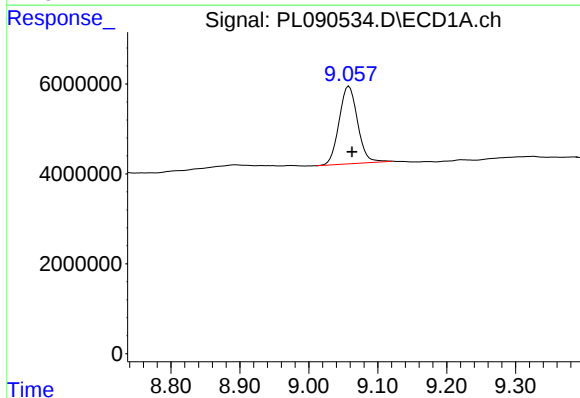
R.T.: 0.000 min  
Exp R.T.: 6.880 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PB162037BS



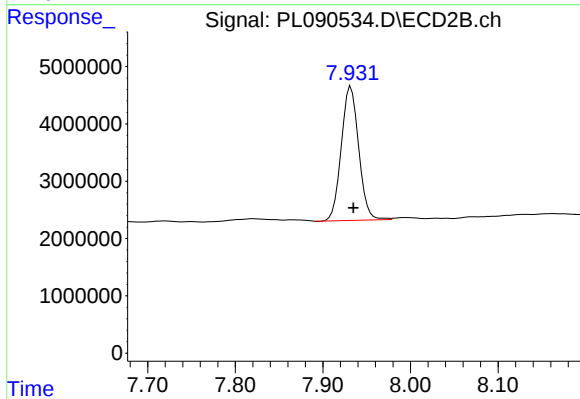
#27 Chlordane-5

R.T.: 5.727 min  
Delta R.T.: -0.002 min  
Response: 981270  
Conc: 16.28 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.058 min  
Delta R.T.: -0.004 min  
Response: 32244613  
Conc: 24.26 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.932 min  
Delta R.T.: -0.003 min  
Response: 32257033  
Conc: 22.12 ng/ml