

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041624\  
 Data File : PL089052.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Apr 2024 12:29  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 17 06:16:13 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL041524.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Apr 15 18:43:22 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... | 3.550  | 2.797 | 102.7E6  | 67621182 | 48.335   | 50.733    |
| 28)                         | SA Decachlor... | 9.062  | 7.949 | 64924384 | 66397000 | 50.970   | 49.583    |
| Target Compounds            |                 |        |       |          |          |          |           |
| 2)                          | A alpha-BHC     | 4.006  | 3.302 | 146.5E6  | 102.7E6  | 48.997   | 51.903    |
| 3)                          | MA gamma-BHC... | 4.338  | 3.633 | 142.7E6  | 99484840 | 49.474   | 51.717    |
| 4)                          | MA Heptachlor   | 4.928  | 3.975 | 119.9E6  | 91166234 | 48.176   | 50.731    |
| 5)                          | MB Aldrin       | 5.271  | 4.257 | 126.0E6  | 94607984 | 48.549   | 51.574    |
| 6)                          | B beta-BHC      | 4.532  | 3.930 | 63649161 | 42641298 | 47.433   | 51.021    |
| 7)                          | B delta-BHC     | 4.780  | 4.161 | 134.5E6  | 97381550 | 50.307   | 53.338    |
| 8)                          | B Heptachlo...  | 5.695  | 4.760 | 116.9E6  | 84229139 | 49.537   | 50.720    |
| 9)                          | A Endosulfan I  | 6.080  | 5.130 | 105.9E6  | 75673282 | 48.413   | 50.350    |
| 10)                         | B gamma-Chl...  | 5.951  | 5.010 | 109.5E6  | 85137473 | 47.637   | 51.899    |
| 11)                         | B alpha-Chl...  | 6.030  | 5.074 | 109.7E6  | 85358303 | 47.910   | 51.616    |
| 12)                         | B 4,4'-DDE      | 6.202  | 5.263 | 99250125 | 77116549 | 49.385   | 52.442    |
| 13)                         | MA Dieldrin     | 6.355  | 5.395 | 112.3E6  | 84094324 | 49.781   | 51.443    |
| 14)                         | MA Endrin       | 6.584  | 5.670 | 95262814 | 74894528 | 50.689   | 51.532    |
| 15)                         | B Endosulfa...  | 6.802  | 5.964 | 99506608 | 72744624 | 51.658   | 50.883    |
| 16)                         | A 4,4'-DDD      | 6.717  | 5.818 | 85642747 | 65050475 | 53.132   | 53.717    |
| 17)                         | MA 4,4'-DDT     | 7.032  | 6.069 | 91256855 | 68014496 | 50.080   | 51.889    |
| 18)                         | B Endrin al...  | 6.932  | 6.143 | 75756215 | 55379040 | 51.760   | 50.392    |
| 19)                         | B Endosulfa...  | 7.166  | 6.366 | 87118534 | 69456446 | 50.744   | 51.382    |
| 20)                         | A Methoxychlor  | 7.506  | 6.645 | 46562669 | 38581174 | 52.845   | 51.619    |
| 21)                         | B Endrin ke...  | 7.650  | 6.873 | 97524106 | 81855755 | 50.569   | 51.718    |
| 22)                         | Mirex           | 8.126  | 7.056 | 73381190 | 65829527 | 49.964   | 49.791    |
| 23)                         | Chlordane-1     | 0.000  | 3.804 | 0        | 21779    | N.D.     | 0.424 #   |
| 24)                         | Chlordane-2     | 5.271f | 4.392 | 126.0E6  | 1245268  | 1334.040 | 19.174 #  |
| 25)                         | Chlordane-3     | 5.951  | 5.010 | 109.5E6  | 85137473 | 339.762  | 492.945 # |
| 26)                         | Chlordane-4     | 6.030  | 5.074 | 109.7E6  | 85358303 | 277.455  | 526.273 # |
| 27)                         | Chlordane-5     | 6.881  | 0.000 | 1317638  | 0        | 17.404   | N.D. #    |
| -----                       |                 |        |       |          |          |          |           |

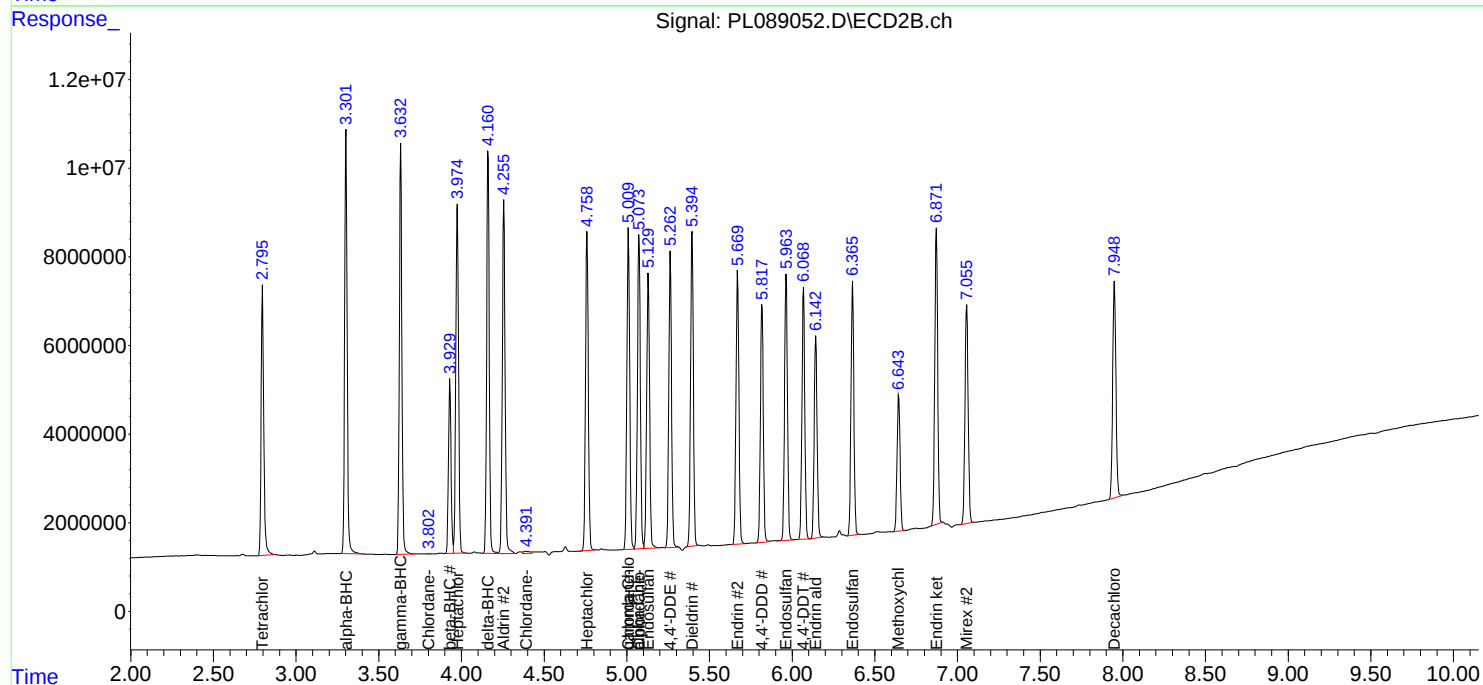
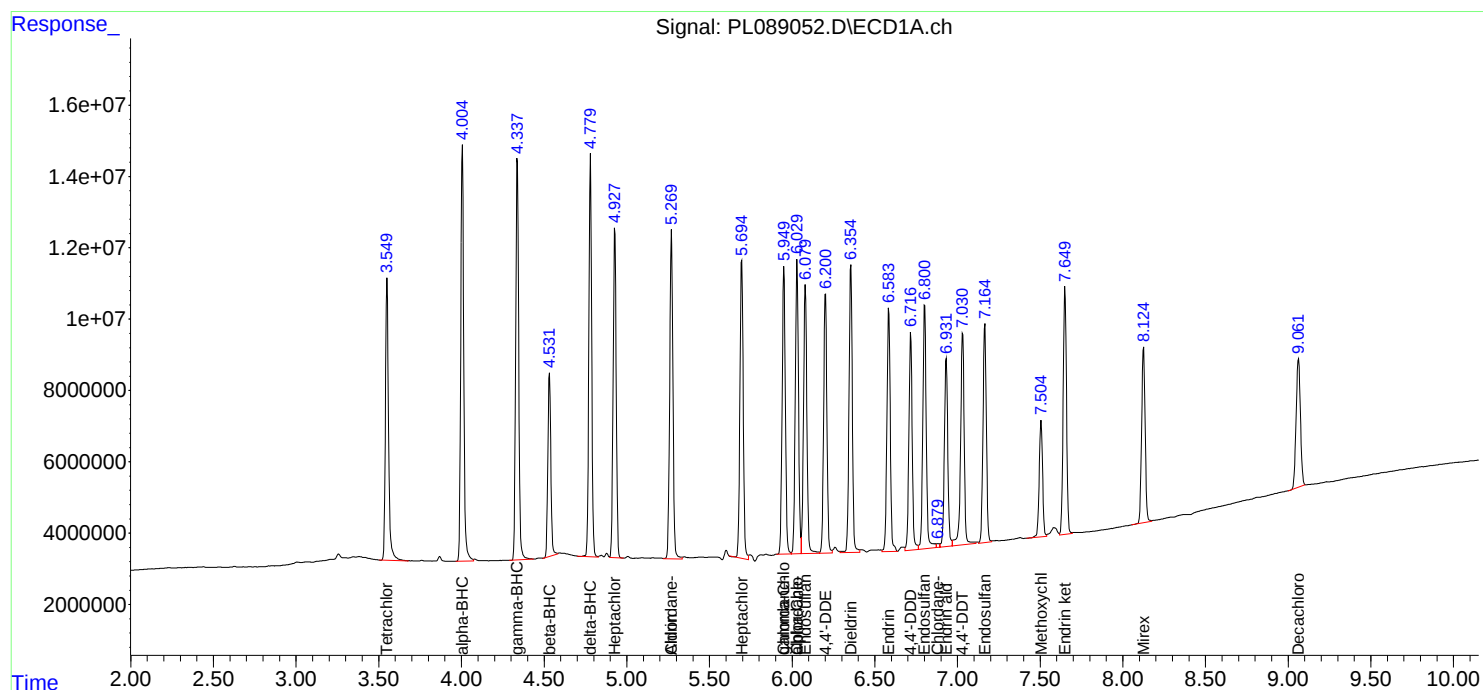
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

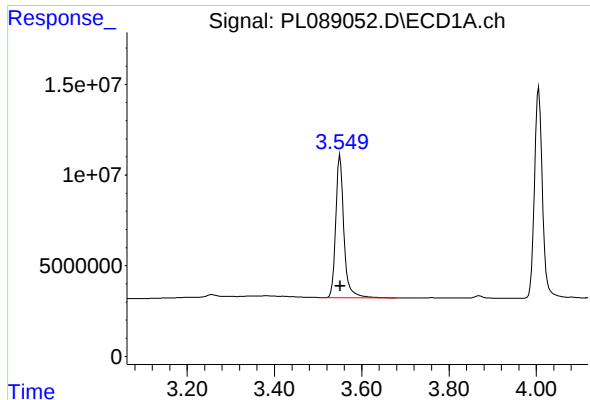
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041624\  
Data File : PL089052.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 Apr 2024 12:29  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 17 06:16:13 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL041524.M  
Quant Title : GC Extractables  
QLast Update : Mon Apr 15 18:43:22 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

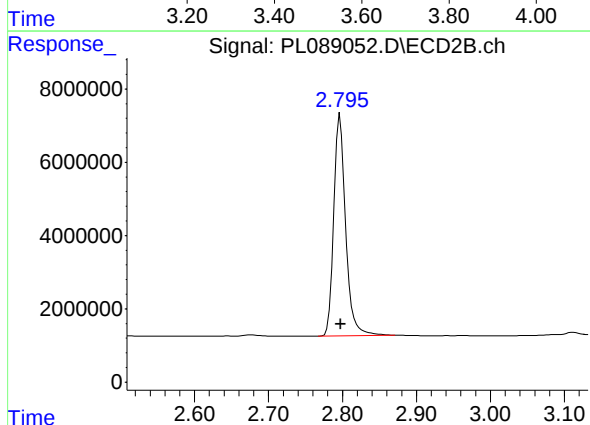




#1 Tetrachloro-m-xylene

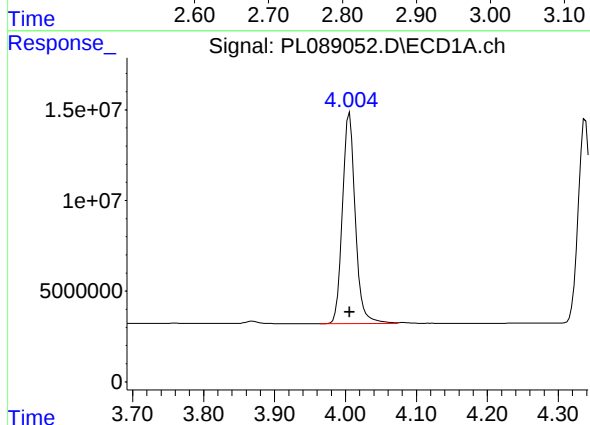
R.T.: 3.550 min  
Delta R.T.: 0.000 min  
Response: 102729283  
Conc: 48.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



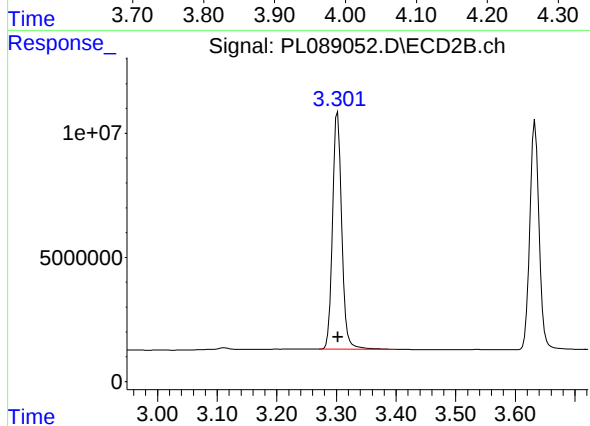
#1 Tetrachloro-m-xylene

R.T.: 2.797 min  
Delta R.T.: 0.000 min  
Response: 67621182  
Conc: 50.73 ng/ml



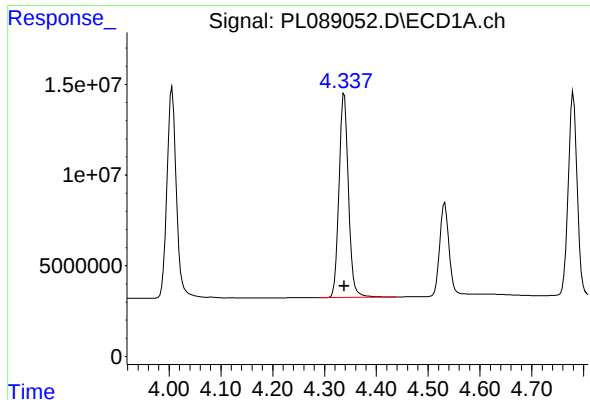
#2 alpha-BHC

R.T.: 4.006 min  
Delta R.T.: 0.000 min  
Response: 146501762  
Conc: 49.00 ng/ml



#2 alpha-BHC

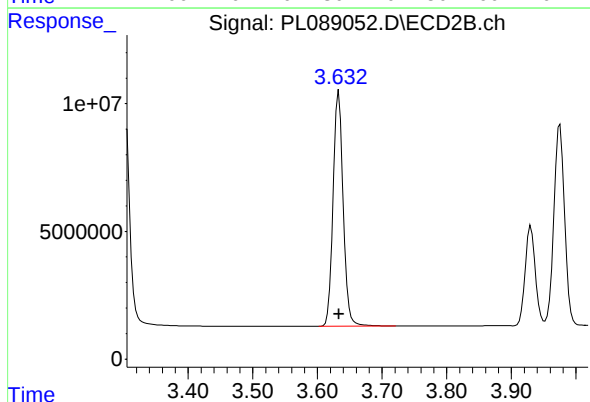
R.T.: 3.302 min  
Delta R.T.: 0.000 min  
Response: 102690964  
Conc: 51.90 ng/ml



#3 gamma-BHC (Lindane)

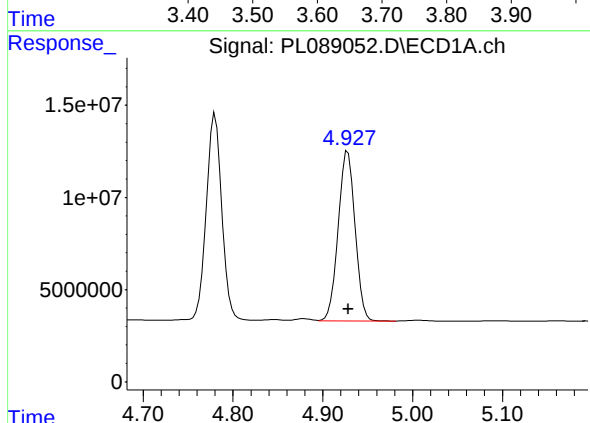
R.T.: 4.338 min  
Delta R.T.: 0.000 min  
Response: 142741017  
Conc: 49.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



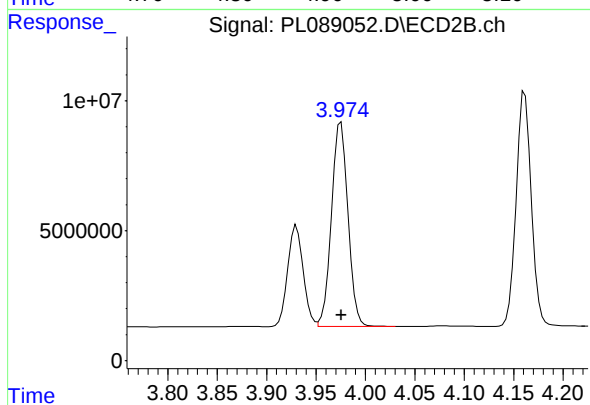
#3 gamma-BHC (Lindane)

R.T.: 3.633 min  
Delta R.T.: 0.000 min  
Response: 99484840  
Conc: 51.72 ng/ml



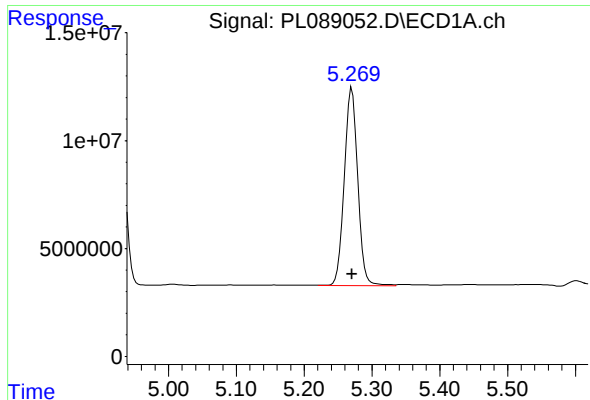
#4 Heptachlor

R.T.: 4.928 min  
Delta R.T.: 0.000 min  
Response: 119870544  
Conc: 48.18 ng/ml



#4 Heptachlor

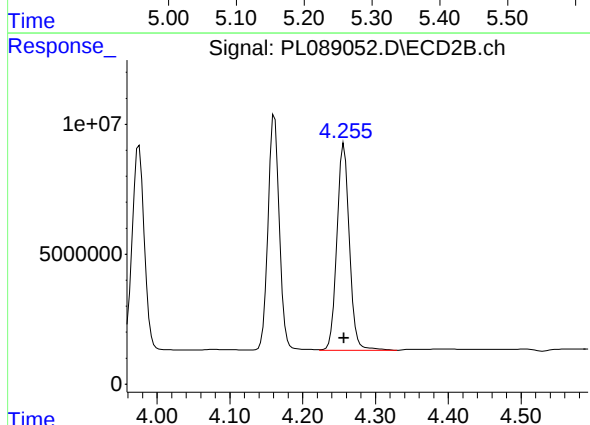
R.T.: 3.975 min  
Delta R.T.: 0.000 min  
Response: 91166234  
Conc: 50.73 ng/ml



#5 Aldrin

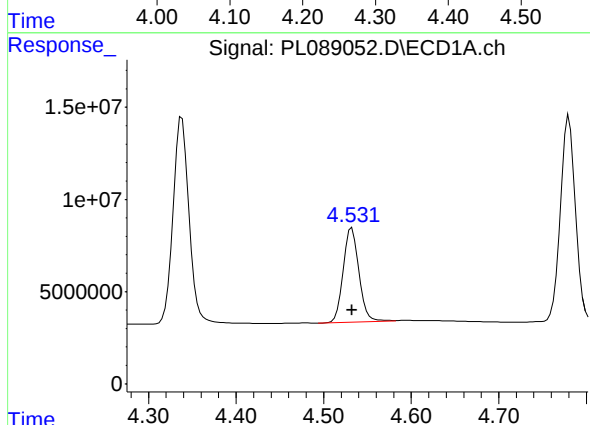
R.T.: 5.271 min  
Delta R.T.: 0.000 min  
Response: 126010619  
Conc: 48.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



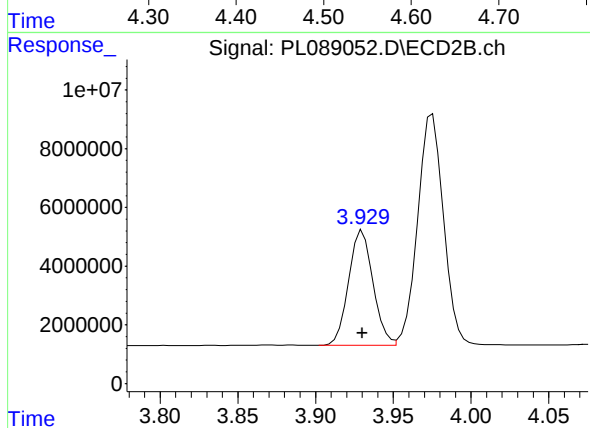
#5 Aldrin

R.T.: 4.257 min  
Delta R.T.: 0.000 min  
Response: 94607984  
Conc: 51.57 ng/ml



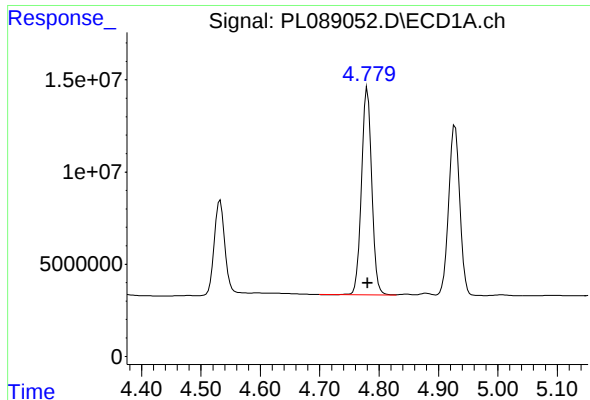
#6 beta-BHC

R.T.: 4.532 min  
Delta R.T.: 0.000 min  
Response: 63649161  
Conc: 47.43 ng/ml



#6 beta-BHC

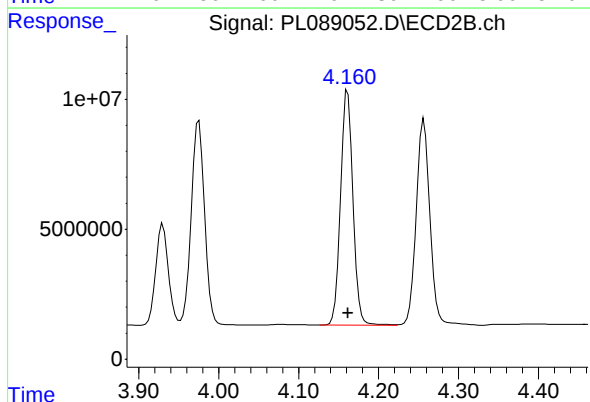
R.T.: 3.930 min  
Delta R.T.: 0.000 min  
Response: 42641298  
Conc: 51.02 ng/ml



#7 delta-BHC

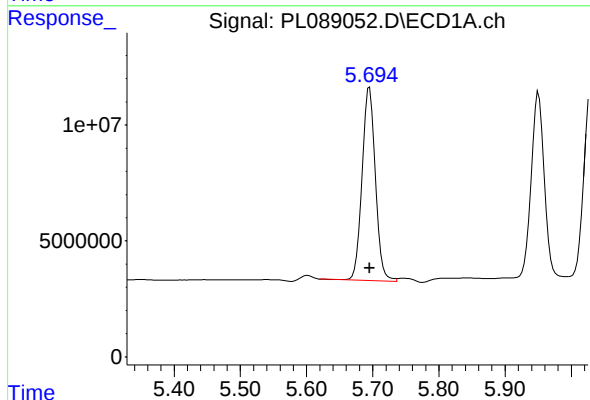
R.T.: 4.780 min  
Delta R.T.: 0.000 min  
Response: 134532460  
Conc: 50.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



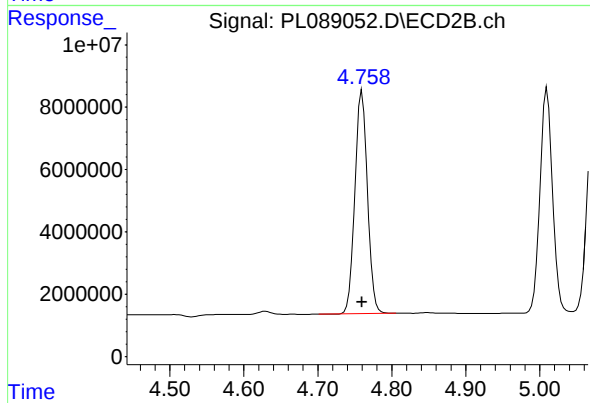
#7 delta-BHC

R.T.: 4.161 min  
Delta R.T.: 0.000 min  
Response: 97381550  
Conc: 53.34 ng/ml



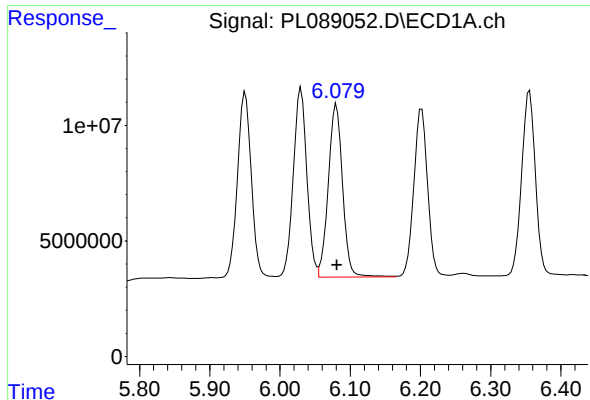
#8 Heptachlor epoxide

R.T.: 5.695 min  
Delta R.T.: 0.000 min  
Response: 116887882  
Conc: 49.54 ng/ml



#8 Heptachlor epoxide

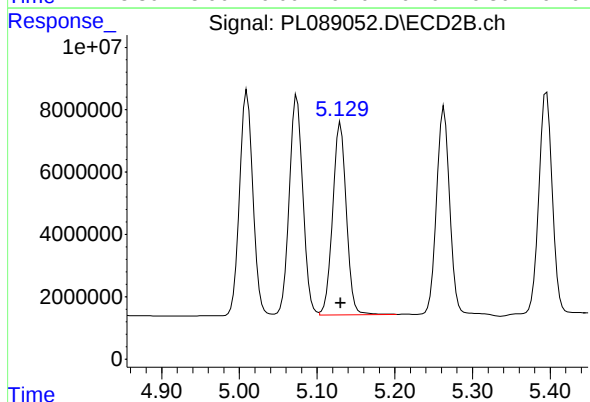
R.T.: 4.760 min  
Delta R.T.: 0.000 min  
Response: 84229139  
Conc: 50.72 ng/ml



#9 Endosulfan I

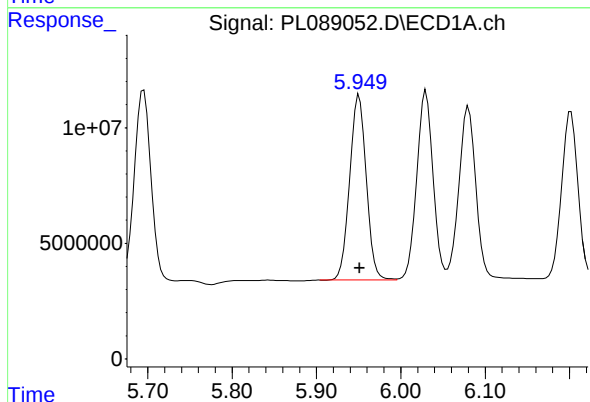
R.T.: 6.080 min  
Delta R.T.: -0.001 min  
Response: 105866175  
Conc: 48.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



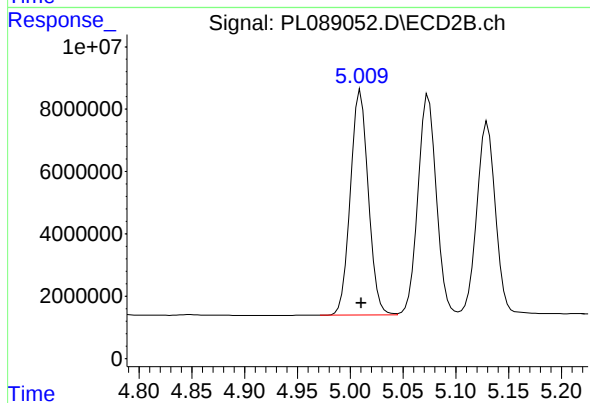
#9 Endosulfan I

R.T.: 5.130 min  
Delta R.T.: 0.000 min  
Response: 75673282  
Conc: 50.35 ng/ml



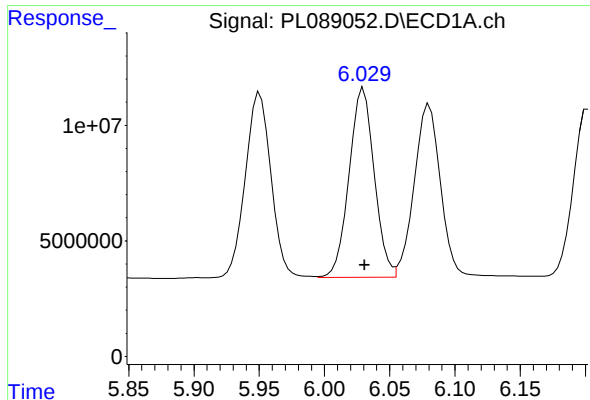
#10 gamma-Chlordane

R.T.: 5.951 min  
Delta R.T.: 0.000 min  
Response: 109508168  
Conc: 47.64 ng/ml



#10 gamma-Chlordane

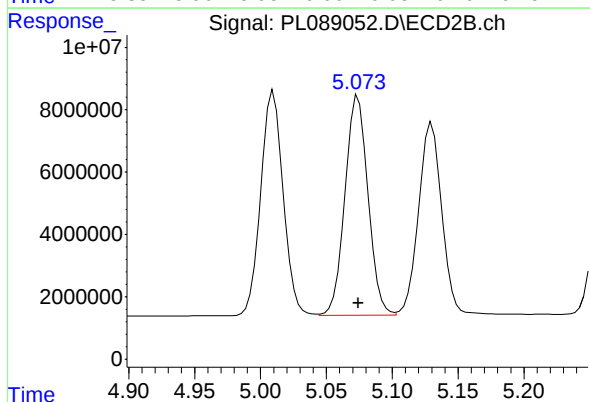
R.T.: 5.010 min  
Delta R.T.: 0.000 min  
Response: 85137473  
Conc: 51.90 ng/ml



#11 alpha-Chlordane

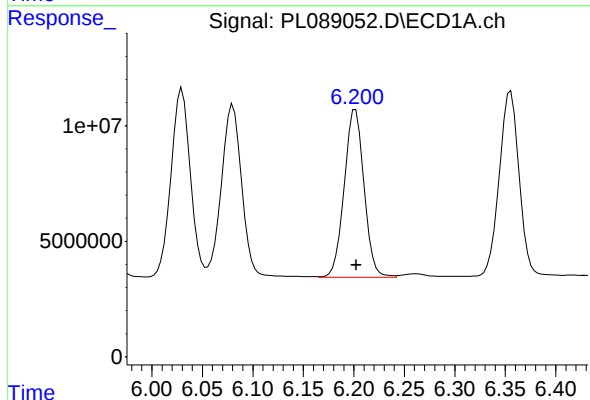
R.T.: 6.030 min  
Delta R.T.: 0.000 min  
Response: 109685287  
Conc: 47.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



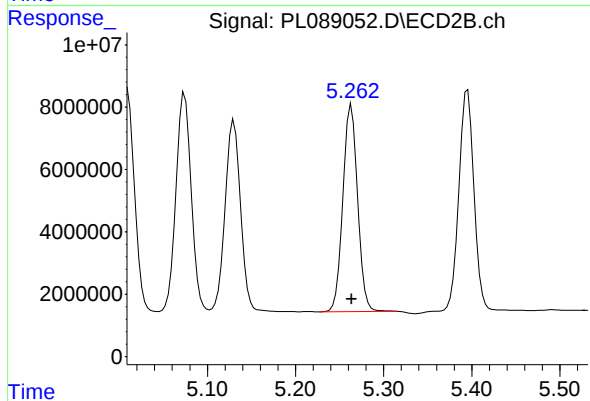
#11 alpha-Chlordane

R.T.: 5.074 min  
Delta R.T.: 0.000 min  
Response: 85358303  
Conc: 51.62 ng/ml



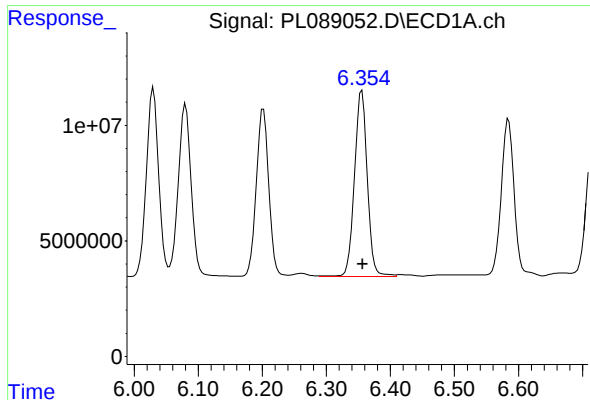
#12 4,4'-DDE

R.T.: 6.202 min  
Delta R.T.: 0.000 min  
Response: 99250125  
Conc: 49.39 ng/ml



#12 4,4'-DDE

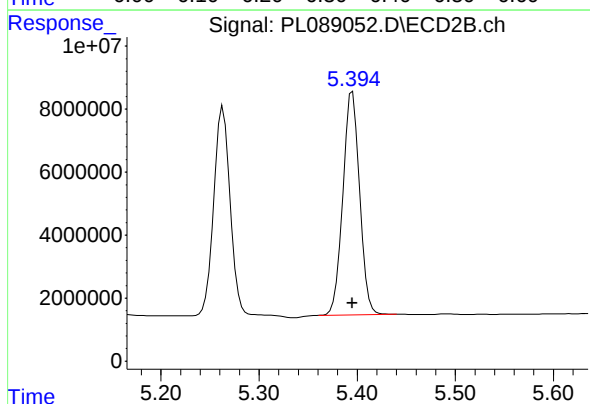
R.T.: 5.263 min  
Delta R.T.: 0.000 min  
Response: 77116549  
Conc: 52.44 ng/ml



#13 Dieldrin

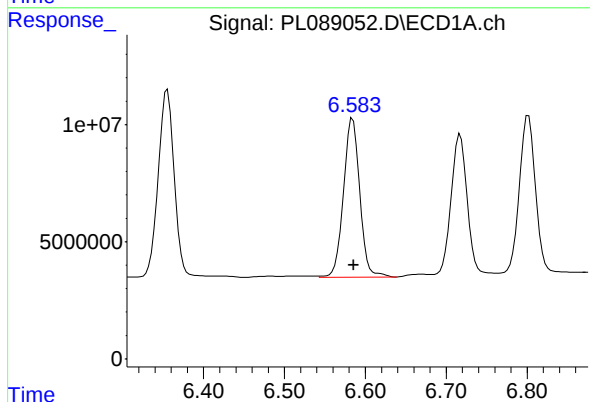
R.T.: 6.355 min  
Delta R.T.: 0.000 min  
Response: 112261725  
Conc: 49.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



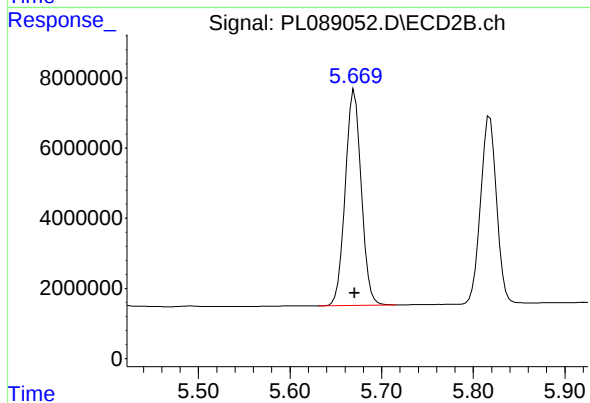
#13 Dieldrin

R.T.: 5.395 min  
Delta R.T.: 0.000 min  
Response: 84094324  
Conc: 51.44 ng/ml



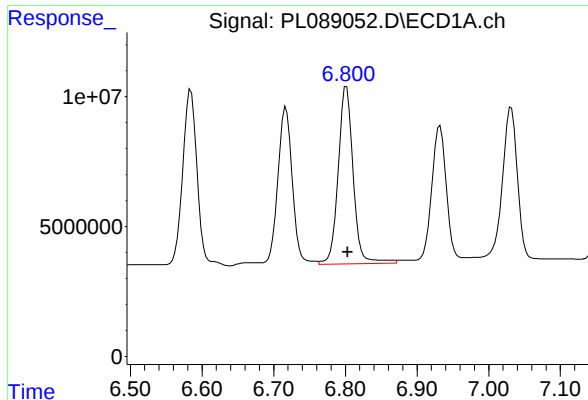
#14 Endrin

R.T.: 6.584 min  
Delta R.T.: 0.000 min  
Response: 95262814  
Conc: 50.69 ng/ml



#14 Endrin

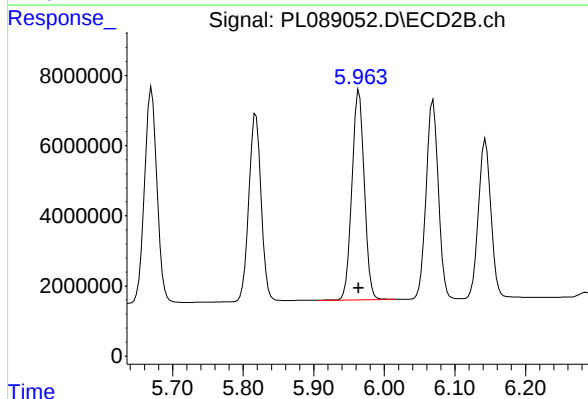
R.T.: 5.670 min  
Delta R.T.: 0.000 min  
Response: 74894528  
Conc: 51.53 ng/ml



#15 Endosulfan II

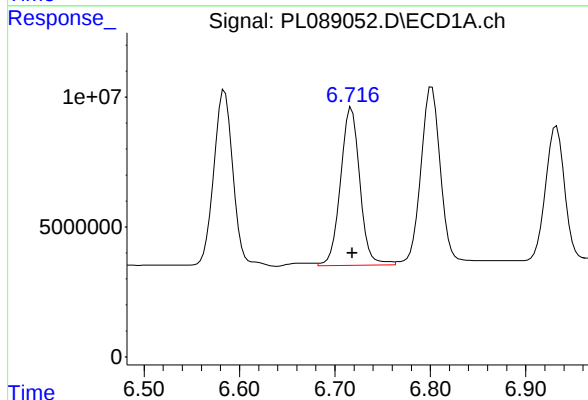
R.T.: 6.802 min  
Delta R.T.: -0.002 min  
Response: 99506608  
Conc: 51.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



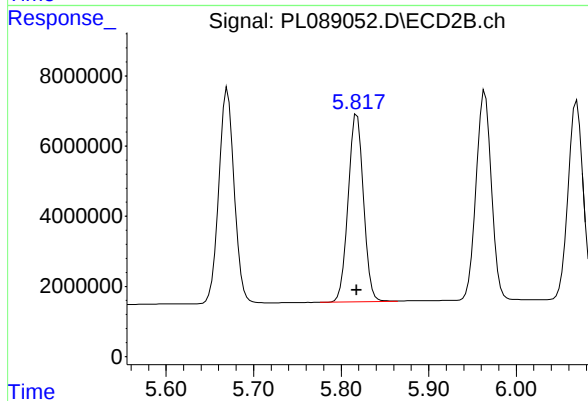
#15 Endosulfan II

R.T.: 5.964 min  
Delta R.T.: 0.000 min  
Response: 72744624  
Conc: 50.88 ng/ml



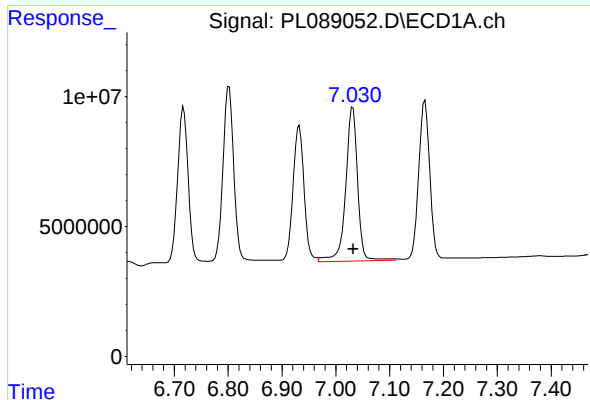
#16 4,4'-DDD

R.T.: 6.717 min  
Delta R.T.: -0.001 min  
Response: 85642747  
Conc: 53.13 ng/ml



#16 4,4'-DDD

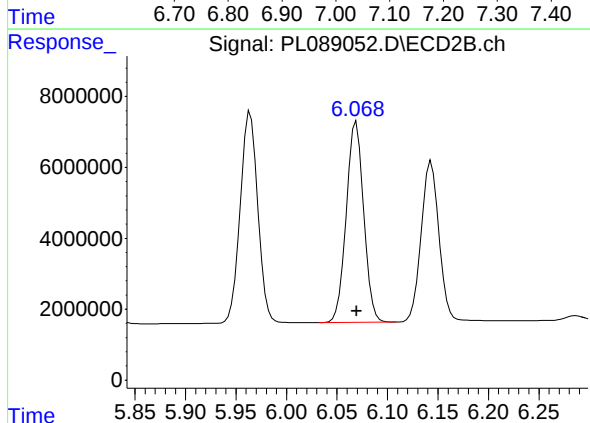
R.T.: 5.818 min  
Delta R.T.: 0.000 min  
Response: 65050475  
Conc: 53.72 ng/ml



#17 4,4'-DDT

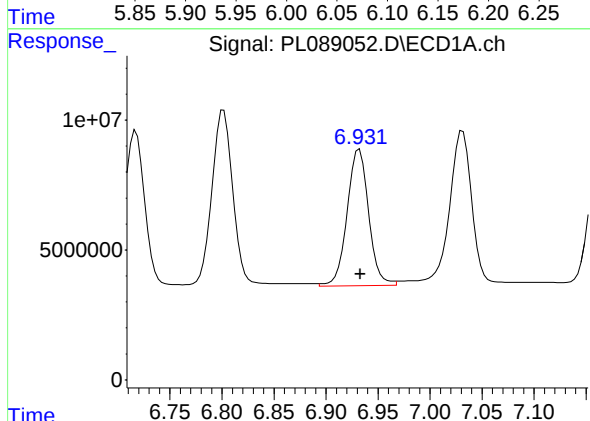
R.T.: 7.032 min  
Delta R.T.: -0.001 min  
Response: 91256855  
Conc: 50.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



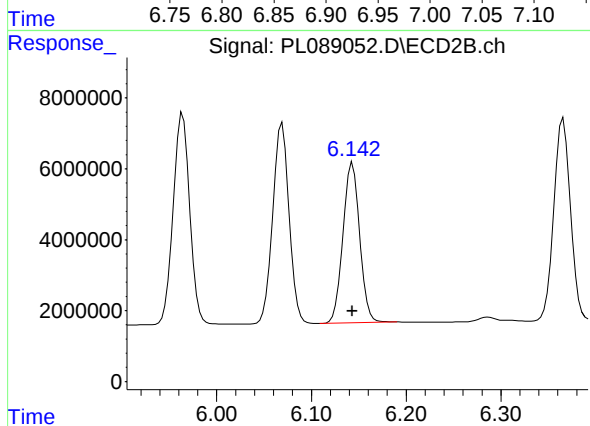
#17 4,4'-DDT

R.T.: 6.069 min  
Delta R.T.: 0.000 min  
Response: 68014496  
Conc: 51.89 ng/ml



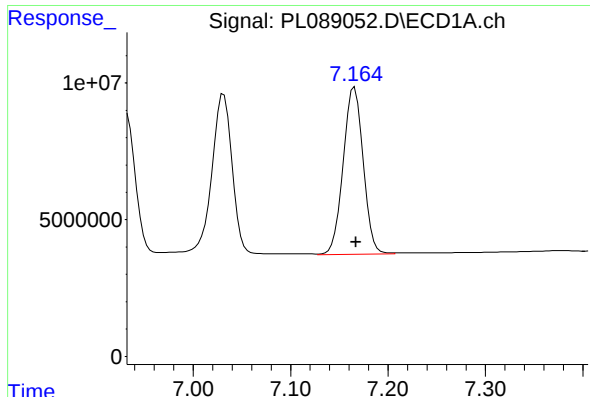
#18 Endrin aldehyde

R.T.: 6.932 min  
Delta R.T.: -0.001 min  
Response: 75756215  
Conc: 51.76 ng/ml



#18 Endrin aldehyde

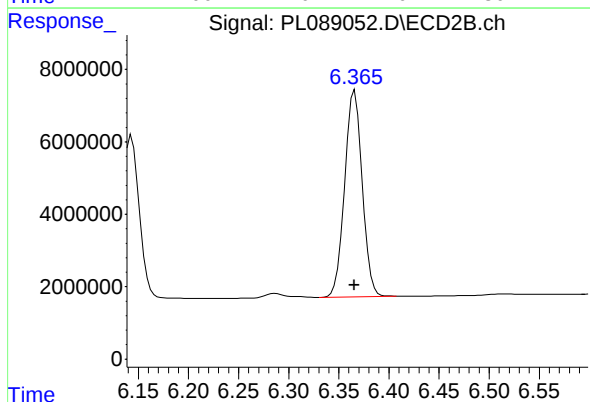
R.T.: 6.143 min  
Delta R.T.: 0.000 min  
Response: 55379040  
Conc: 50.39 ng/ml



#19 Endosulfan Sulfate

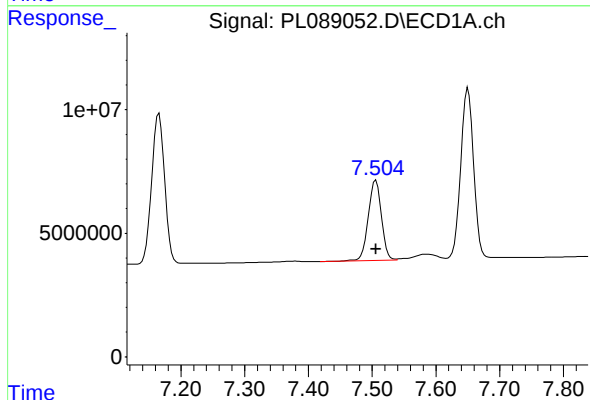
R.T.: 7.166 min  
Delta R.T.: -0.001 min  
Response: 87118534  
Conc: 50.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



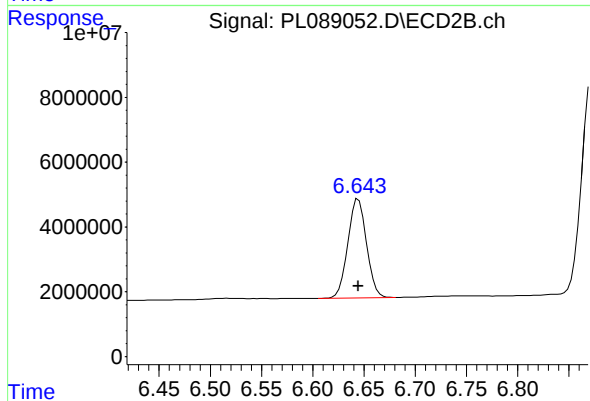
#19 Endosulfan Sulfate

R.T.: 6.366 min  
Delta R.T.: 0.000 min  
Response: 69456446  
Conc: 51.38 ng/ml



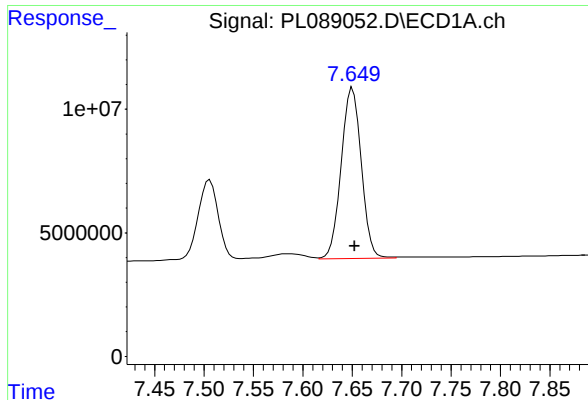
#20 Methoxychlor

R.T.: 7.506 min  
Delta R.T.: 0.000 min  
Response: 46562669  
Conc: 52.85 ng/ml



#20 Methoxychlor

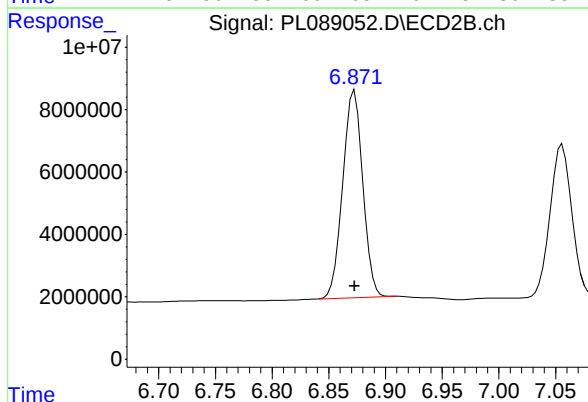
R.T.: 6.645 min  
Delta R.T.: 0.000 min  
Response: 38581174  
Conc: 51.62 ng/ml



#21 Endrin ketone

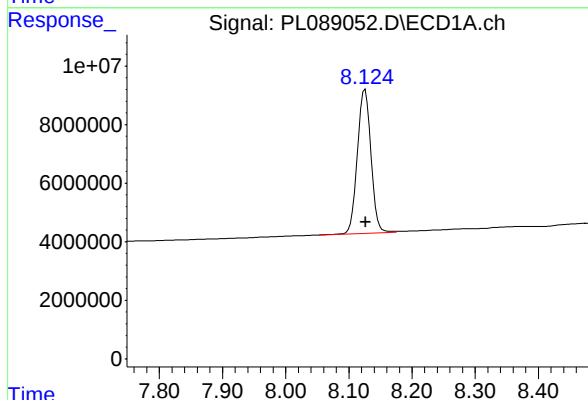
R.T.: 7.650 min  
Delta R.T.: -0.002 min  
Response: 97524106  
Conc: 50.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



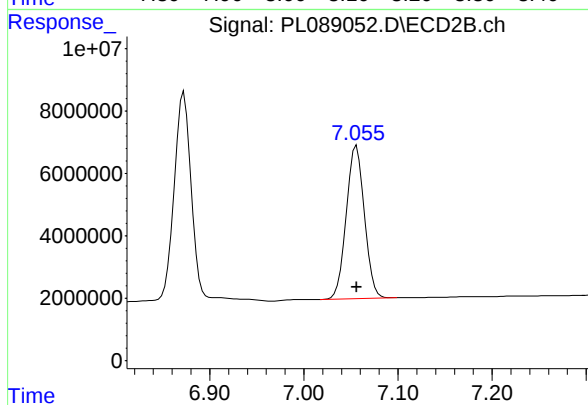
#21 Endrin ketone

R.T.: 6.873 min  
Delta R.T.: 0.000 min  
Response: 81855755  
Conc: 51.72 ng/ml



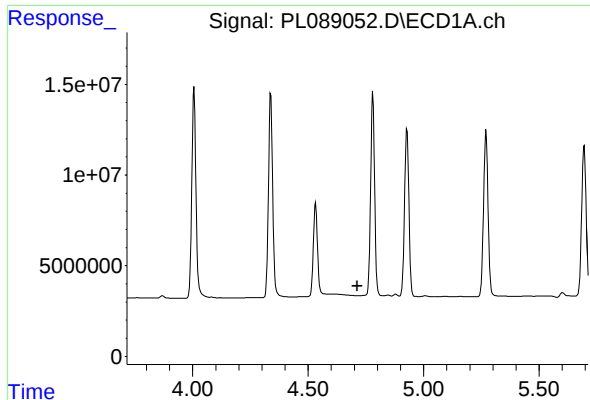
#22 Mirex

R.T.: 8.126 min  
Delta R.T.: 0.000 min  
Response: 73381190  
Conc: 49.96 ng/ml



#22 Mirex

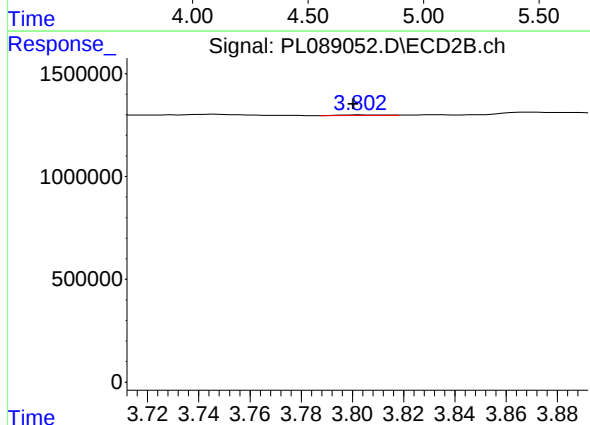
R.T.: 7.056 min  
Delta R.T.: 0.000 min  
Response: 65829527  
Conc: 49.79 ng/ml



#23 Chlordane-1

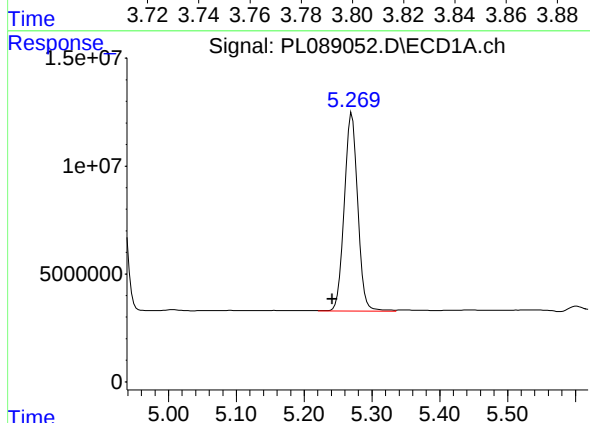
R.T.: 0.000 min  
Exp R.T.: 4.713 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



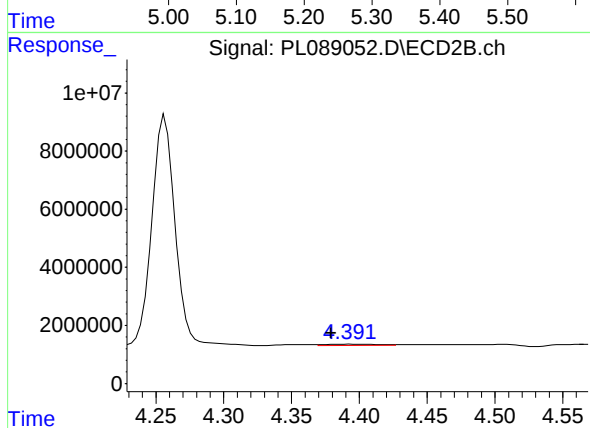
#23 Chlordane-1

R.T.: 3.804 min  
Delta R.T.: 0.003 min  
Response: 21779  
Conc: 0.42 ng/ml



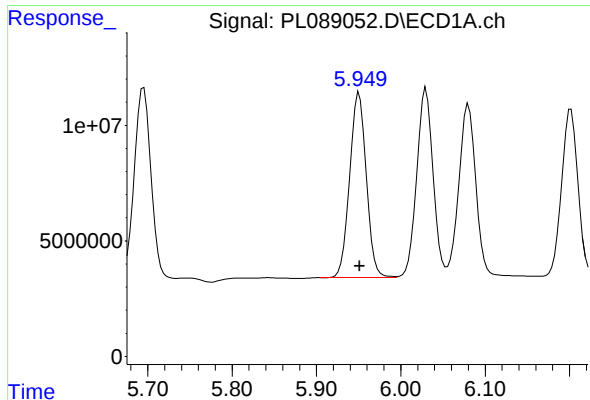
#24 Chlordane-2

R.T.: 5.271 min  
Delta R.T.: 0.029 min  
Response: 126010619  
Conc: 1334.04 ng/ml



#24 Chlordane-2

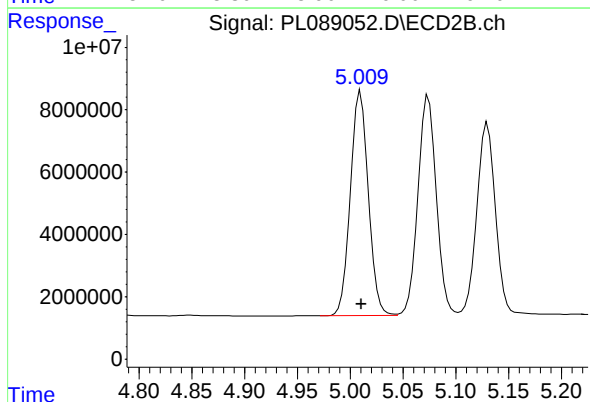
R.T.: 4.392 min  
Delta R.T.: 0.013 min  
Response: 1245268  
Conc: 19.17 ng/ml



#25 Chlordane-3

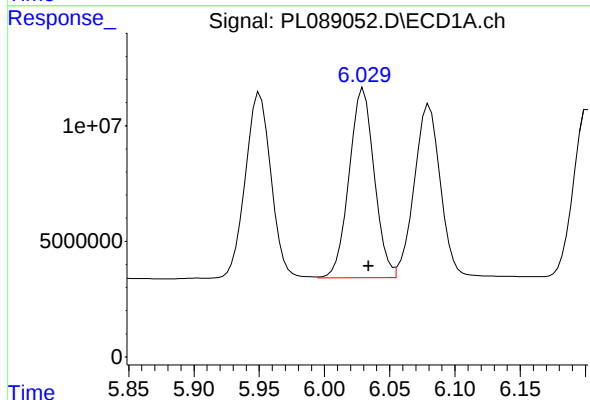
R.T.: 5.951 min  
Delta R.T.: 0.000 min  
Response: 109508168  
Conc: 339.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



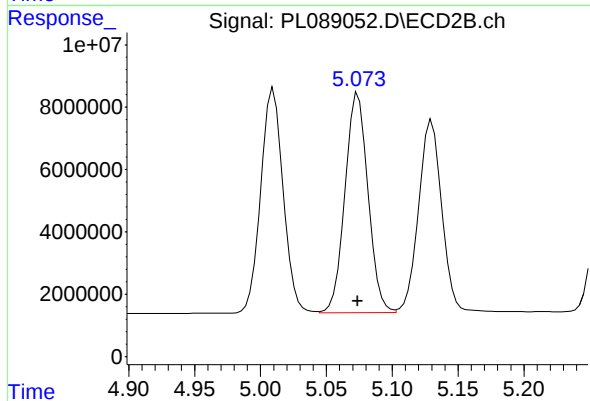
#25 Chlordane-3

R.T.: 5.010 min  
Delta R.T.: 0.000 min  
Response: 85137473  
Conc: 492.94 ng/ml



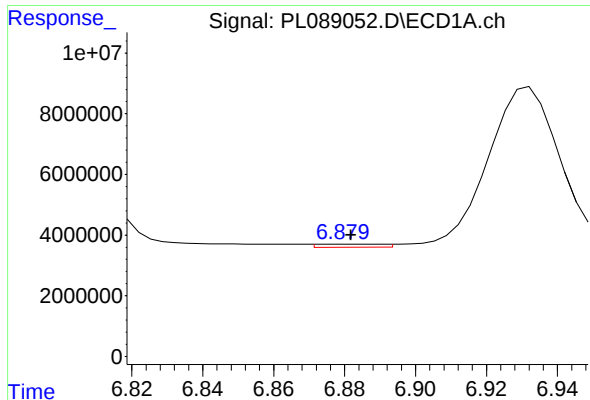
#26 Chlordane-4

R.T.: 6.030 min  
Delta R.T.: -0.004 min  
Response: 109685287  
Conc: 277.46 ng/ml



#26 Chlordane-4

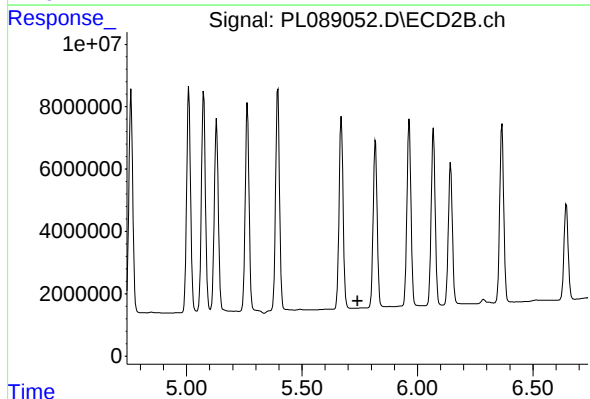
R.T.: 5.074 min  
Delta R.T.: 0.000 min  
Response: 85358303  
Conc: 526.27 ng/ml



#27 Chlordane-5

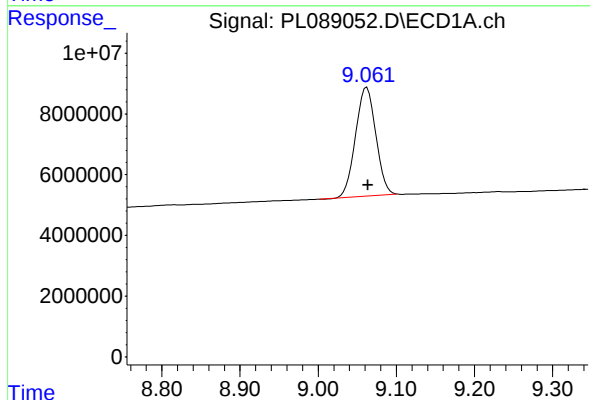
R.T.: 6.881 min  
Delta R.T.: 0.000 min  
Response: 1317638  
Conc: 17.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



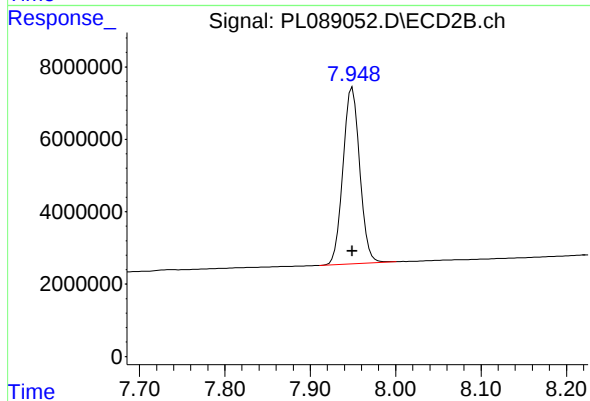
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T.: 5.740 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 9.062 min  
Delta R.T.: -0.002 min  
Response: 64924384  
Conc: 50.97 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.949 min  
Delta R.T.: 0.000 min  
Response: 66397000  
Conc: 49.58 ng/ml