

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL022924\  
 Data File : PL088368.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Feb 2024 19:46  
 Operator : AR\AJ  
 Sample : P1639-11MS  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 SP-6MS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 01 00:46:38 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL021524.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Feb 16 21:46:54 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... | 3.635  | 2.854 | 54791697 | 27691784 | 19.948   | 19.744    |
| 28)                         | SA Decachlor... | 9.300  | 8.082 | 39293982 | 23601670 | 20.403   | 18.536    |
| Target Compounds            |                 |        |       |          |          |          |           |
| 2)                          | A alpha-BHC     | 4.100  | 3.368 | 186.6E6  | 92739670 | 44.712   | 45.133    |
| 3)                          | MA gamma-BHC... | 4.438  | 3.705 | 176.0E6  | 88560489 | 43.471   | 44.224    |
| 4)                          | MA Heptachlor   | 5.038  | 4.053 | 175.5E6  | 86203670 | 45.600   | 47.319    |
| 5)                          | MB Aldrin       | 5.384  | 4.339 | 163.3E6  | 83093488 | 42.757   | 42.844    |
| 6)                          | B beta-BHC      | 4.635  | 4.006 | 79726335 | 39889004 | 45.777   | 44.815    |
| 7)                          | B delta-BHC     | 4.887  | 4.242 | 152.8E6  | 74676622 | 40.167   | 37.436    |
| 8)                          | B Heptachlo...  | 5.816  | 4.849 | 152.3E6  | 77833080 | 43.476   | 44.867    |
| 9)                          | A Endosulfan I  | 6.206  | 5.225 | 136.3E6  | 72588797 | 43.536   | 45.112    |
| 10)                         | B gamma-Chl...  | 6.074  | 5.103 | 152.8E6  | 82231002 | 44.971   | 46.099    |
| 11)                         | B alpha-Chl...  | 6.156  | 5.168 | 151.2E6  | 81475012 | 44.318   | 45.735    |
| 12)                         | B 4,4'-DDE      | 6.330  | 5.361 | 126.2E6  | 72956355 | 41.609   | 45.902    |
| 13)                         | MA Dieldrin     | 6.485  | 5.494 | 144.1E6  | 78415782 | 43.825   | 45.449    |
| 14)                         | MA Endrin       | 6.717  | 5.773 | 110.2E6  | 68990129 | 42.359   | 46.143    |
| 15)                         | B Endosulfa...  | 6.938  | 6.070 | 124.0E6  | 68224866 | 43.300   | 44.784    |
| 16)                         | A 4,4'-DDD      | 6.852  | 5.923 | 114.0E6  | 63433875 | 43.937   | 46.430    |
| 17)                         | MA 4,4'-DDT     | 7.171  | 6.178 | 104.6E6  | 58851717 | 39.793   | 43.107    |
| 18)                         | B Endrin al...  | 7.070  | 6.252 | 87196637 | 49099876 | 42.171   | 44.956    |
| 19)                         | B Endosulfa...  | 7.307  | 6.478 | 113.7E6  | 63444230 | 43.645   | 45.174    |
| 20)                         | A Methoxychlor  | 7.651  | 6.761 | 56152563 | 34130071 | 42.421   | 43.547    |
| 21)                         | B Endrin ke...  | 7.798  | 6.991 | 125.5E6  | 75748218 | 44.794   | 45.244    |
| 22)                         | Mirex           | 8.280  | 7.177 | 98111511 | 62197966 | 42.341   | 47.475    |
| 23)                         | Chlordane-1     | 0.000  | 3.874 | 0        | 332083   | N.D.     | 6.452 #   |
| 24)                         | Chlordane-2     | 5.384f | 4.478 | 163.3E6  | 288589   | 1216.370 | 4.542 #   |
| 25)                         | Chlordane-3     | 6.074  | 5.103 | 152.8E6  | 82231002 | 302.581  | 441.635 # |
| 26)                         | Chlordane-4     | 6.156  | 5.168 | 151.2E6  | 81475012 | 246.345  | 471.163 # |
| 27)                         | Chlordane-5     | 0.000  | 5.850 | 0        | 191795   | N.D.     | 3.625 #   |
| -----                       |                 |        |       |          |          |          |           |

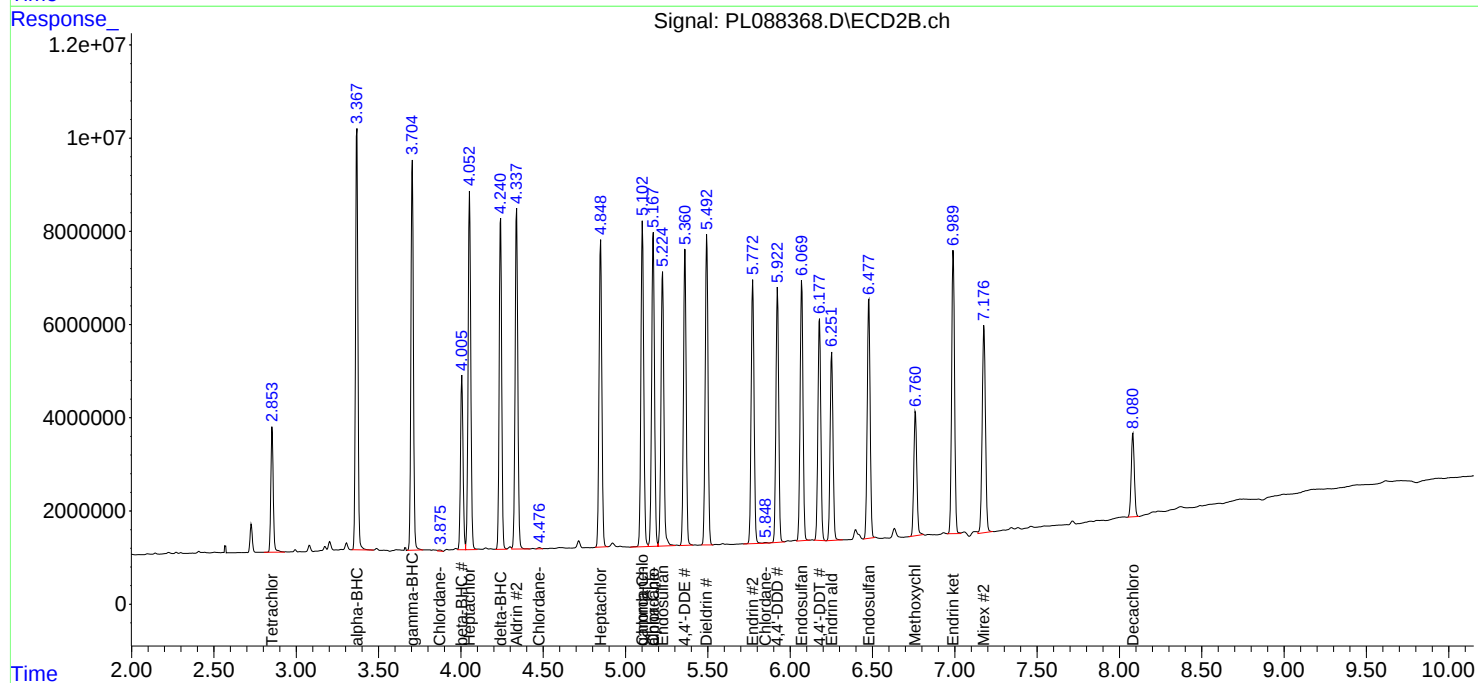
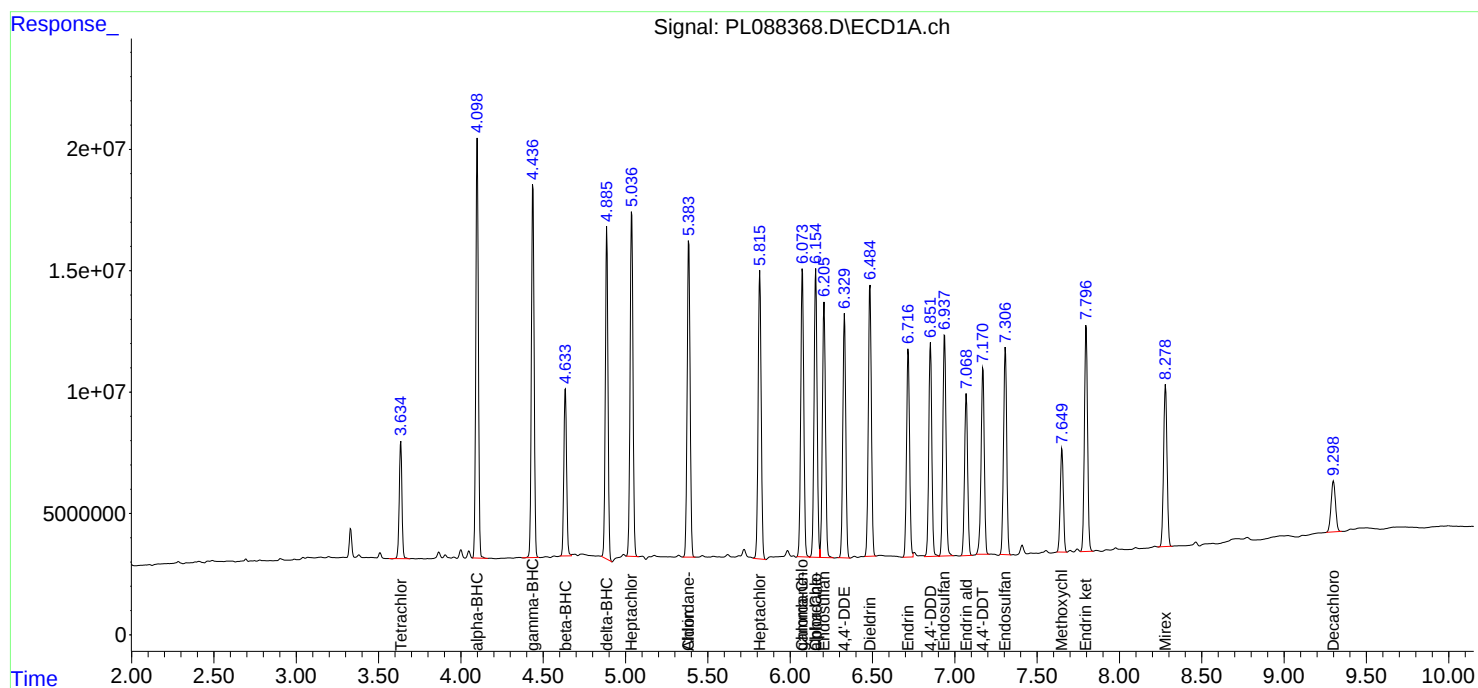
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

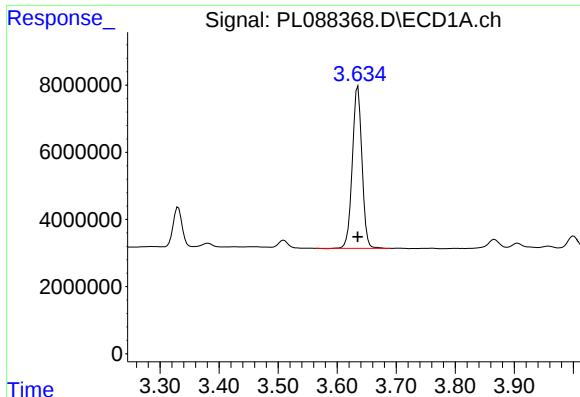
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL022924\  
Data File : PL088368.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 Feb 2024 19:46  
Operator : AR\AJ  
Sample : P1639-11MS  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
SP-6MS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 01 00:46:38 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL021524.M  
Quant Title : GC Extractables  
QLast Update : Fri Feb 16 21:46:54 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

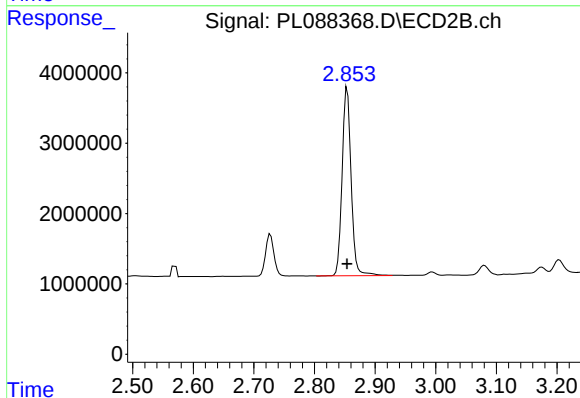




#1 Tetrachloro-m-xylene

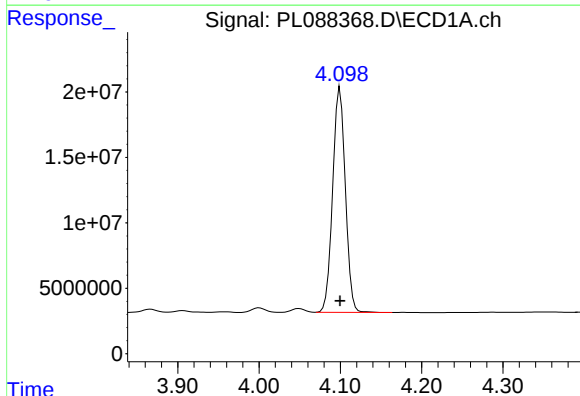
R.T.: 3.635 min  
Delta R.T.: 0.000 min  
Response: 54791697  
Conc: 19.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-6MS



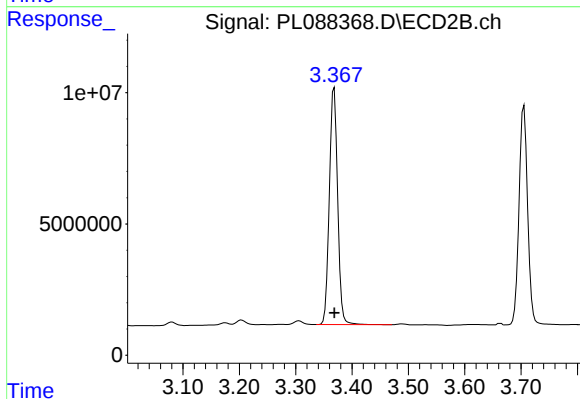
#1 Tetrachloro-m-xylene

R.T.: 2.854 min  
Delta R.T.: 0.000 min  
Response: 27691784  
Conc: 19.74 ng/ml



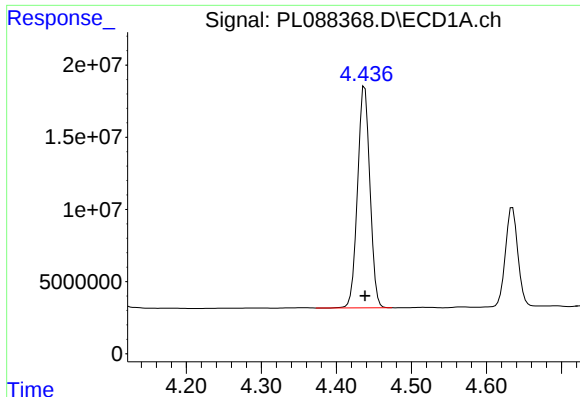
#2 alpha-BHC

R.T.: 4.100 min  
Delta R.T.: 0.000 min  
Response: 186637481  
Conc: 44.71 ng/ml



#2 alpha-BHC

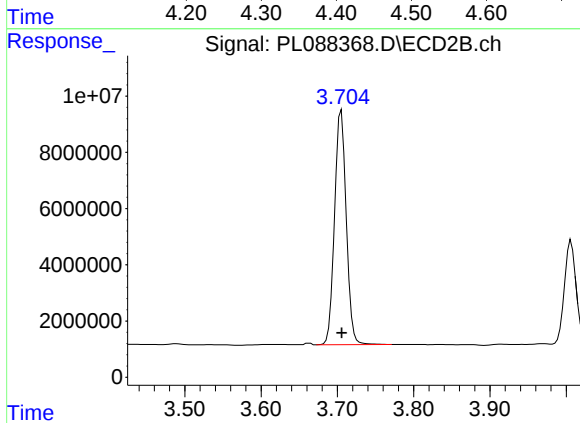
R.T.: 3.368 min  
Delta R.T.: 0.000 min  
Response: 92739670  
Conc: 45.13 ng/ml



#3 gamma-BHC (Lindane)

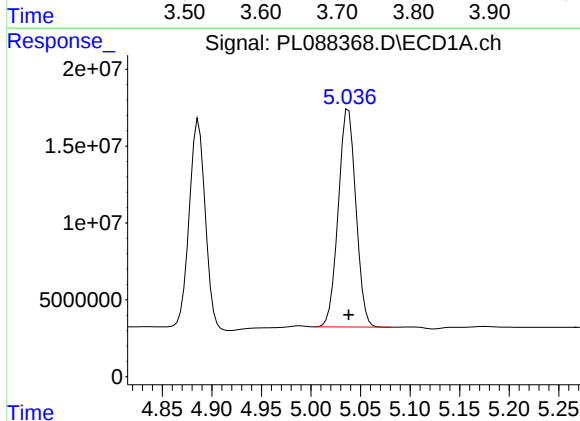
R.T.: 4.438 min  
Delta R.T.: 0.000 min  
Response: 176039216  
Conc: 43.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-6MS



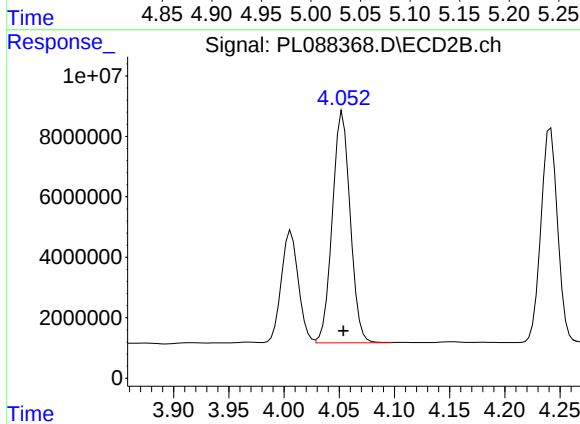
#3 gamma-BHC (Lindane)

R.T.: 3.705 min  
Delta R.T.: 0.000 min  
Response: 88560489  
Conc: 44.22 ng/ml



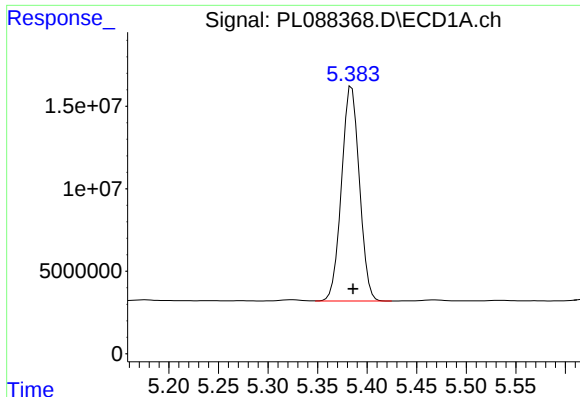
#4 Heptachlor

R.T.: 5.038 min  
Delta R.T.: 0.000 min  
Response: 175479438  
Conc: 45.60 ng/ml



#4 Heptachlor

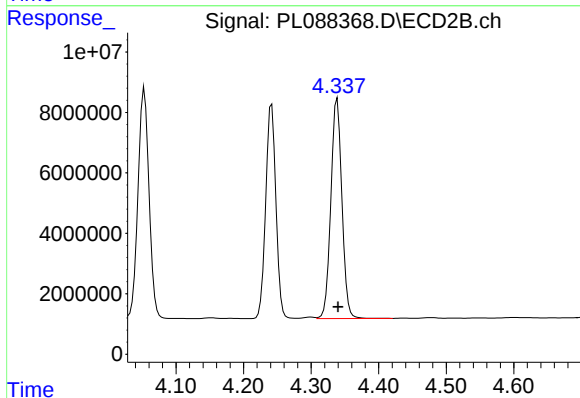
R.T.: 4.053 min  
Delta R.T.: 0.000 min  
Response: 86203670  
Conc: 47.32 ng/ml



#5 Aldrin

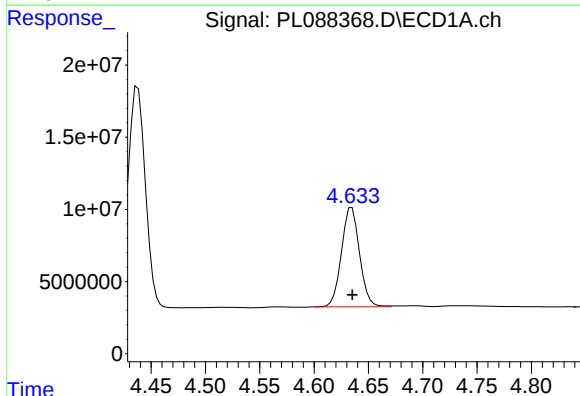
R.T.: 5.384 min  
Delta R.T.: -0.001 min  
Response: 163260809  
Conc: 42.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-6MS



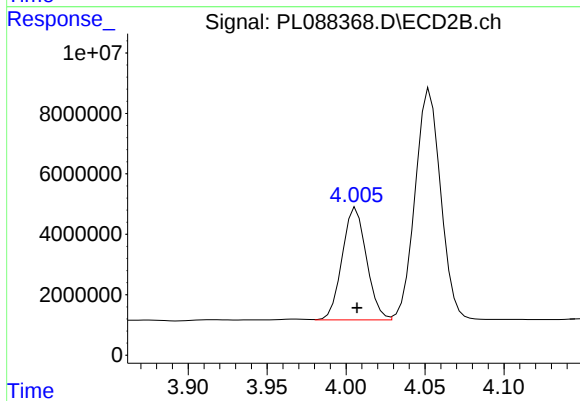
#5 Aldrin

R.T.: 4.339 min  
Delta R.T.: -0.001 min  
Response: 83093488  
Conc: 42.84 ng/ml



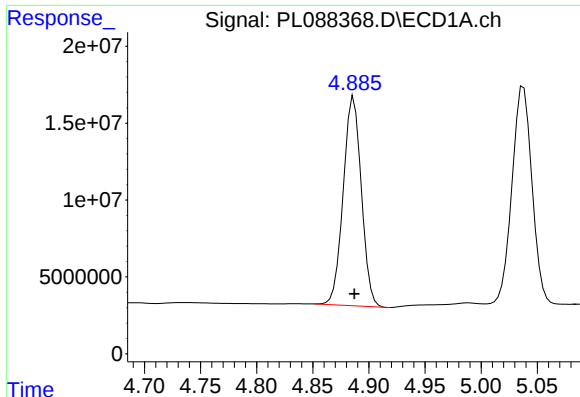
#6 beta-BHC

R.T.: 4.635 min  
Delta R.T.: 0.000 min  
Response: 79726335  
Conc: 45.78 ng/ml



#6 beta-BHC

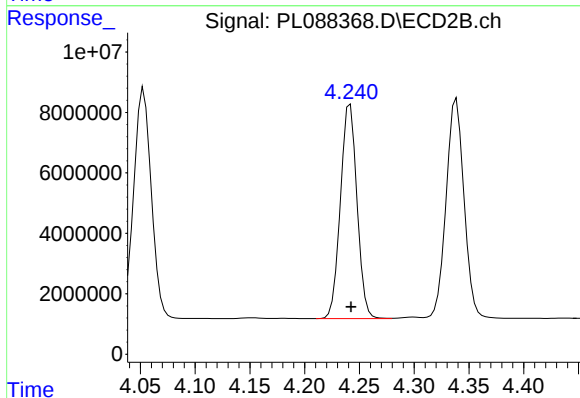
R.T.: 4.006 min  
Delta R.T.: 0.000 min  
Response: 39889004  
Conc: 44.82 ng/ml



#7 delta-BHC

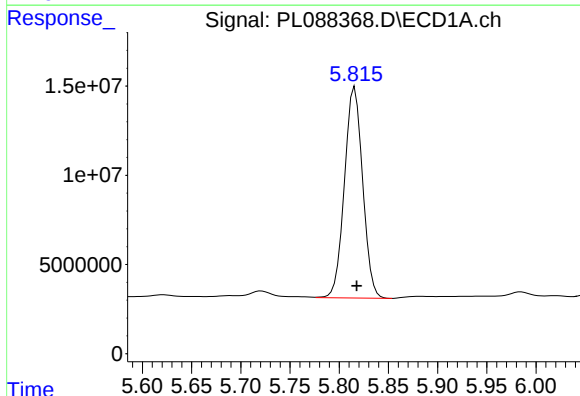
R.T.: 4.887 min  
Delta R.T.: 0.000 min  
Response: 152825797  
Conc: 40.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-6MS



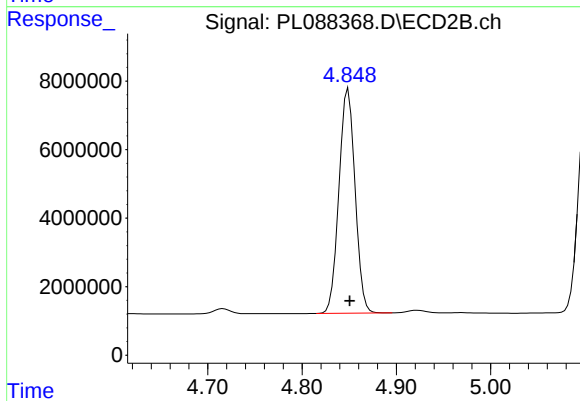
#7 delta-BHC

R.T.: 4.242 min  
Delta R.T.: 0.000 min  
Response: 74676622  
Conc: 37.44 ng/ml



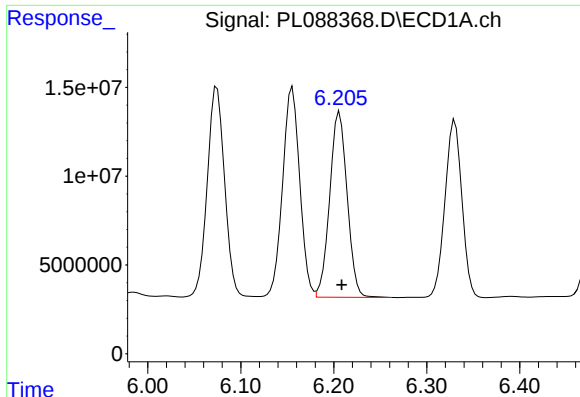
#8 Heptachlor epoxide

R.T.: 5.816 min  
Delta R.T.: -0.002 min  
Response: 152324959  
Conc: 43.48 ng/ml



#8 Heptachlor epoxide

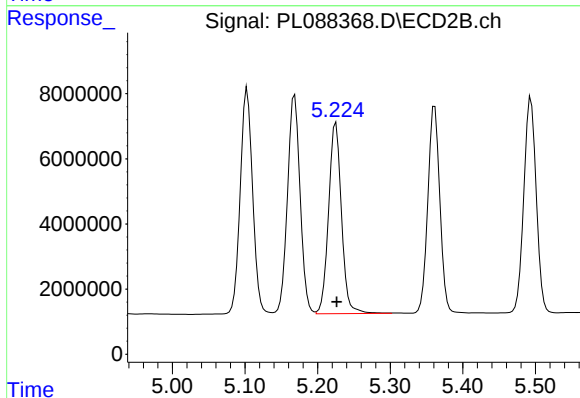
R.T.: 4.849 min  
Delta R.T.: -0.002 min  
Response: 77833080  
Conc: 44.87 ng/ml



#9 Endosulfan I

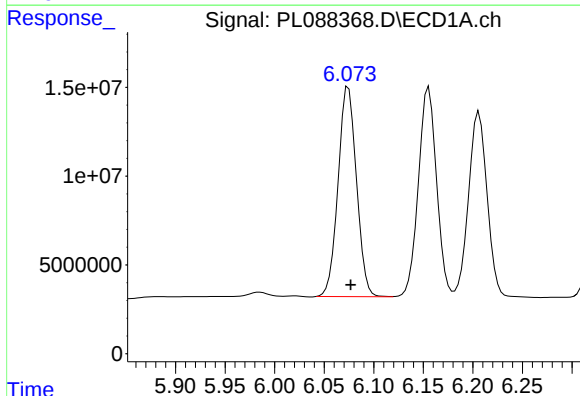
R.T.: 6.206 min  
Delta R.T.: -0.002 min  
Response: 136262639  
Conc: 43.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-6MS



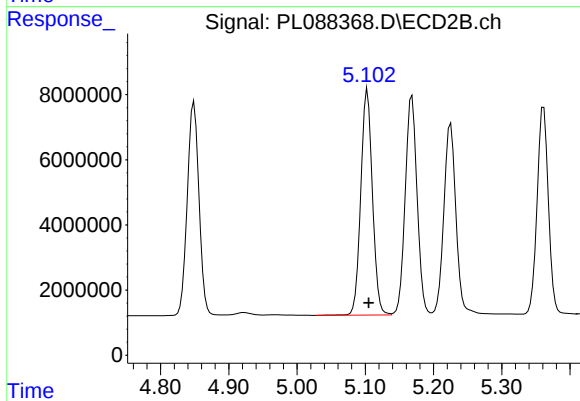
#9 Endosulfan I

R.T.: 5.225 min  
Delta R.T.: -0.001 min  
Response: 72588797  
Conc: 45.11 ng/ml



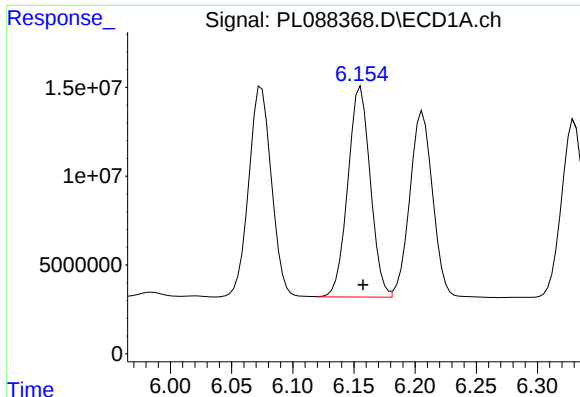
#10 gamma-Chlordane

R.T.: 6.074 min  
Delta R.T.: -0.002 min  
Response: 152825249  
Conc: 44.97 ng/ml



#10 gamma-Chlordane

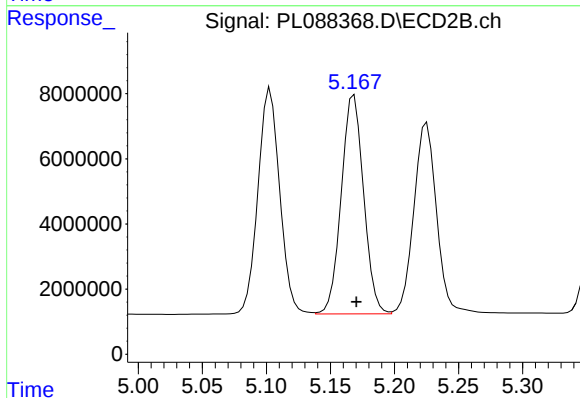
R.T.: 5.103 min  
Delta R.T.: -0.002 min  
Response: 82231002  
Conc: 46.10 ng/ml



#11 alpha-Chlordane

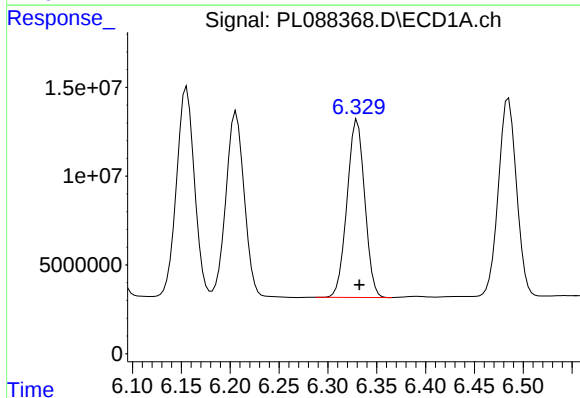
R.T.: 6.156 min  
Delta R.T.: -0.002 min  
Response: 151245451  
Conc: 44.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-6MS



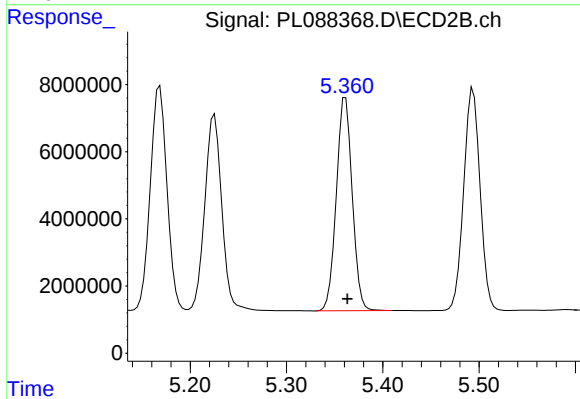
#11 alpha-Chlordane

R.T.: 5.168 min  
Delta R.T.: -0.002 min  
Response: 81475012  
Conc: 45.74 ng/ml



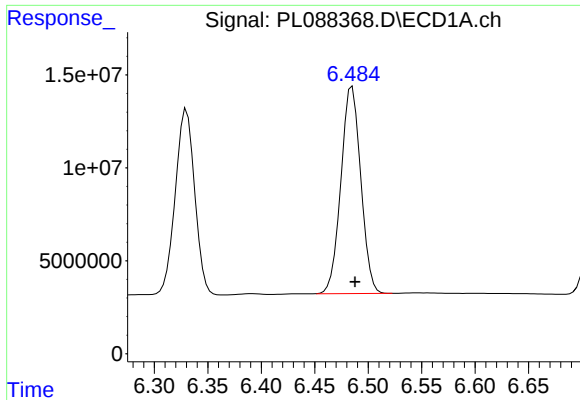
#12 4,4'-DDE

R.T.: 6.330 min  
Delta R.T.: -0.002 min  
Response: 126192188  
Conc: 41.61 ng/ml



#12 4,4'-DDE

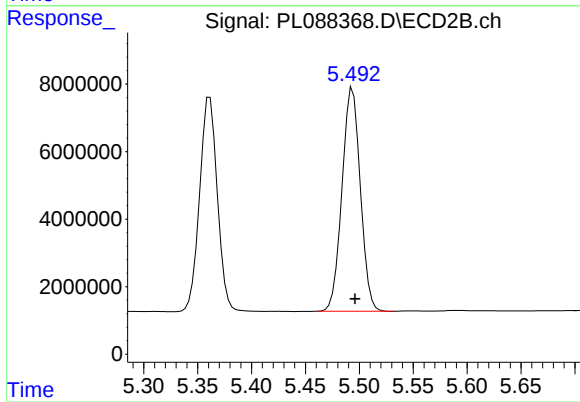
R.T.: 5.361 min  
Delta R.T.: -0.002 min  
Response: 72956355  
Conc: 45.90 ng/ml



#13 Dieldrin

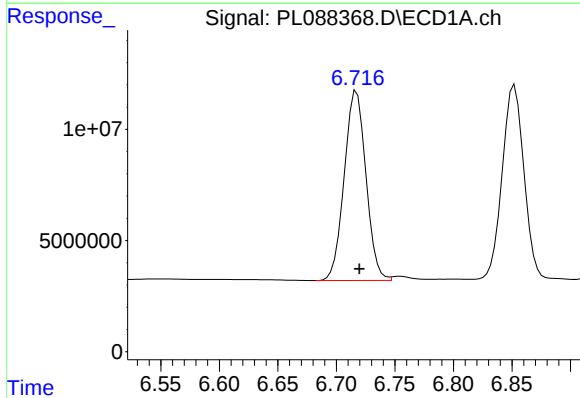
R.T.: 6.485 min  
Delta R.T.: -0.003 min  
Response: 144103012  
Conc: 43.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-6MS



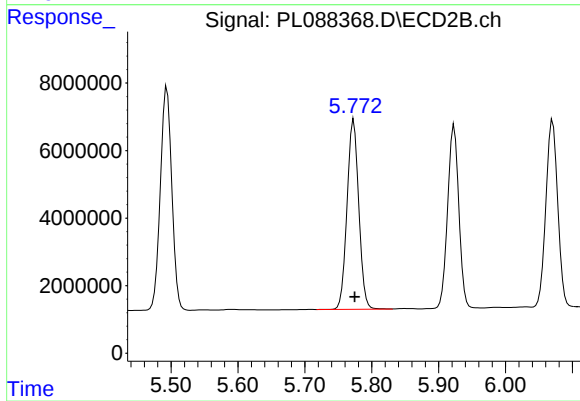
#13 Dieldrin

R.T.: 5.494 min  
Delta R.T.: -0.002 min  
Response: 78415782  
Conc: 45.45 ng/ml



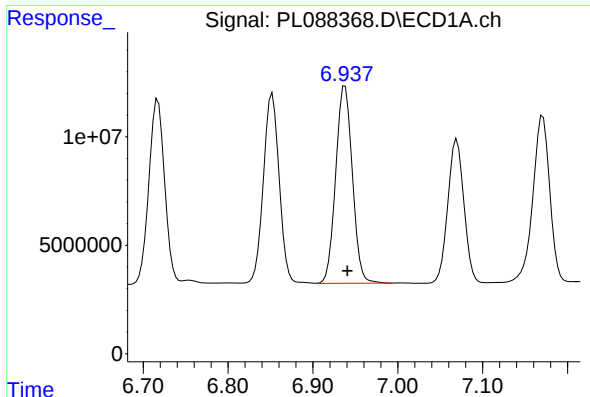
#14 Endrin

R.T.: 6.717 min  
Delta R.T.: -0.002 min  
Response: 110160406  
Conc: 42.36 ng/ml



#14 Endrin

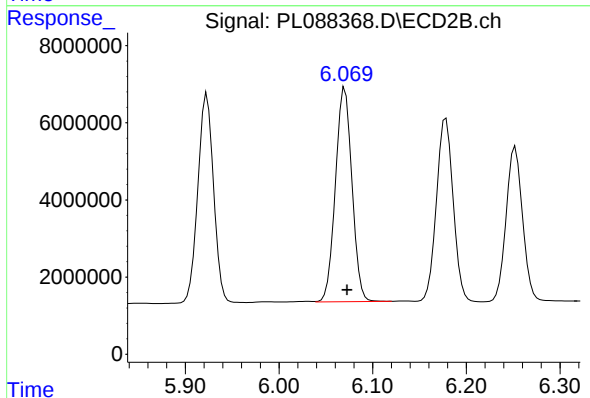
R.T.: 5.773 min  
Delta R.T.: -0.002 min  
Response: 68990129  
Conc: 46.14 ng/ml



#15 Endosulfan II

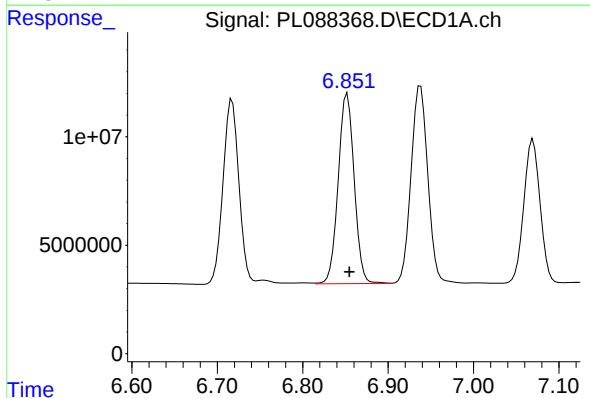
R.T.: 6.938 min  
Delta R.T.: -0.003 min  
Response: 124008141  
Conc: 43.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-6MS



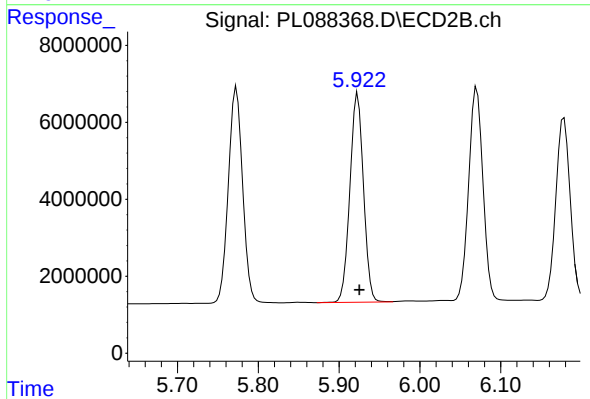
#15 Endosulfan II

R.T.: 6.070 min  
Delta R.T.: -0.002 min  
Response: 68224866  
Conc: 44.78 ng/ml



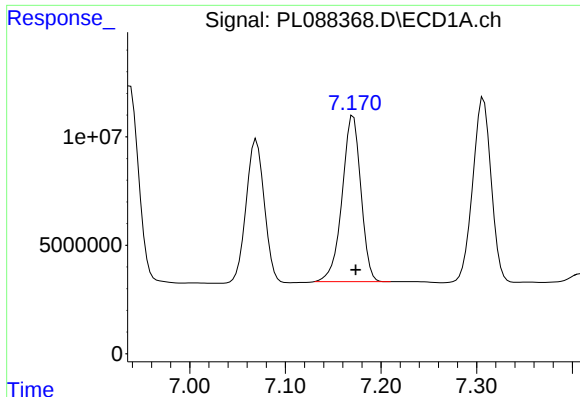
#16 4,4'-DDD

R.T.: 6.852 min  
Delta R.T.: -0.002 min  
Response: 113959911  
Conc: 43.94 ng/ml



#16 4,4'-DDD

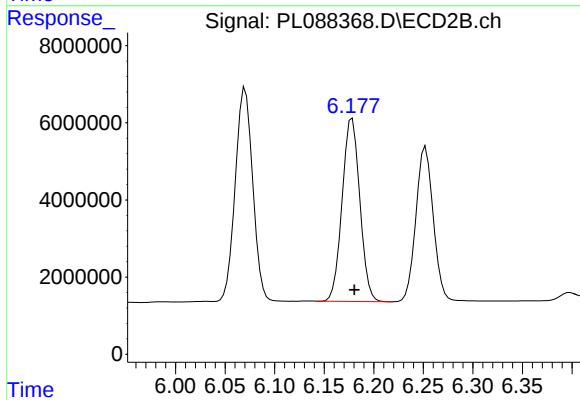
R.T.: 5.923 min  
Delta R.T.: -0.002 min  
Response: 63433875  
Conc: 46.43 ng/ml



#17 4,4'-DDT

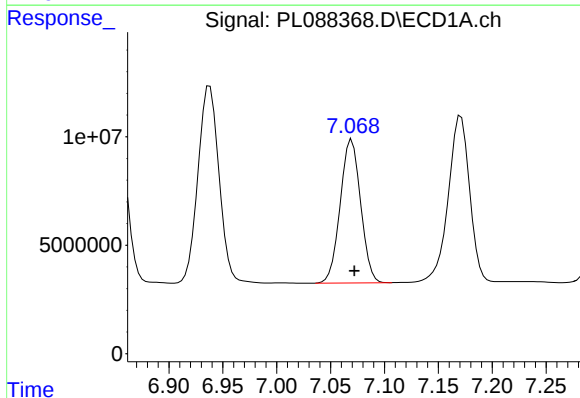
R.T.: 7.171 min  
Delta R.T.: -0.003 min  
Response: 104624556  
Conc: 39.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-6MS



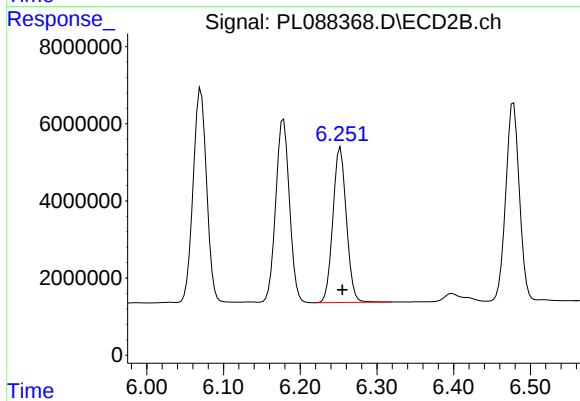
#17 4,4'-DDT

R.T.: 6.178 min  
Delta R.T.: -0.002 min  
Response: 58851717  
Conc: 43.11 ng/ml



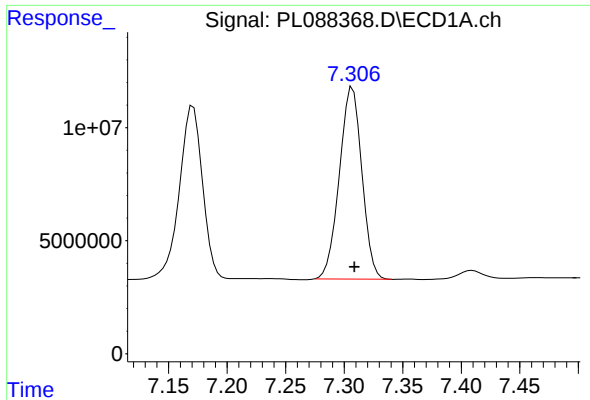
#18 Endrin aldehyde

R.T.: 7.070 min  
Delta R.T.: -0.002 min  
Response: 87196637  
Conc: 42.17 ng/ml



#18 Endrin aldehyde

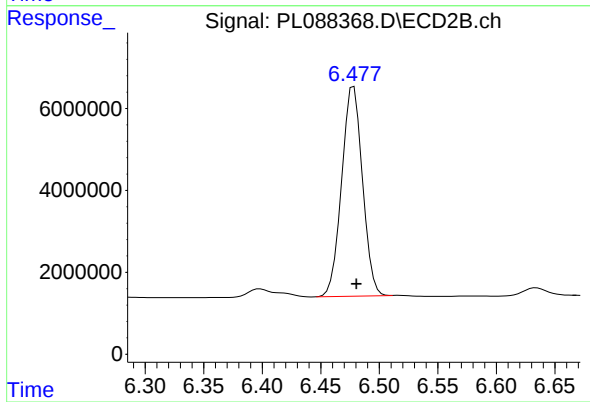
R.T.: 6.252 min  
Delta R.T.: -0.002 min  
Response: 49099876  
Conc: 44.96 ng/ml



#19 Endosulfan Sulfate

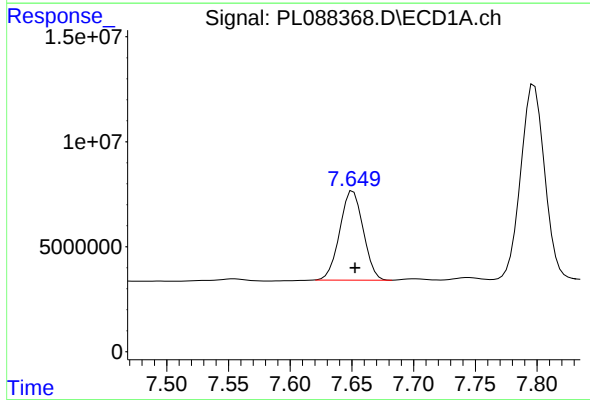
R.T.: 7.307 min  
Delta R.T.: -0.002 min  
Response: 113702254  
Conc: 43.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-6MS



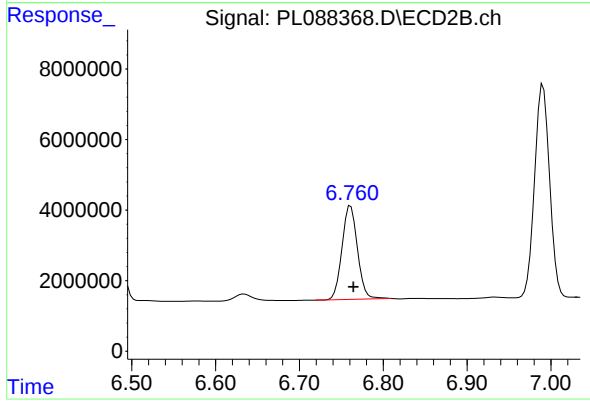
#19 Endosulfan Sulfate

R.T.: 6.478 min  
Delta R.T.: -0.002 min  
Response: 63444230  
Conc: 45.17 ng/ml



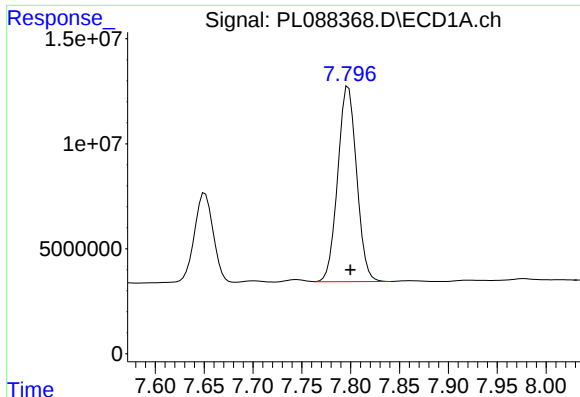
#20 Methoxychlor

R.T.: 7.651 min  
Delta R.T.: -0.002 min  
Response: 56152563  
Conc: 42.42 ng/ml



#20 Methoxychlor

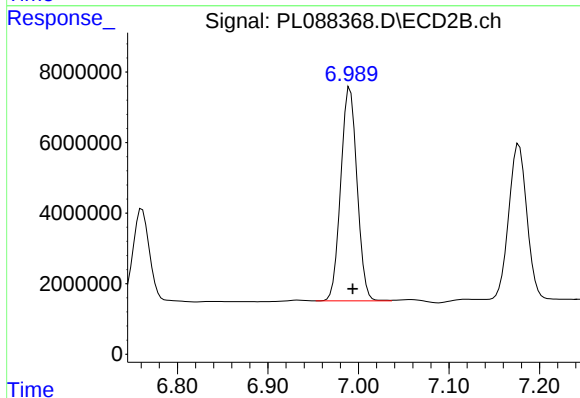
R.T.: 6.761 min  
Delta R.T.: -0.003 min  
Response: 34130071  
Conc: 43.55 ng/ml



#21 Endrin ketone

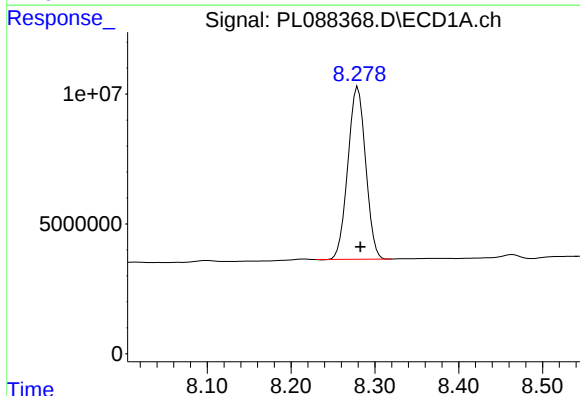
R.T.: 7.798 min  
Delta R.T.: -0.002 min  
Response: 125474604  
Conc: 44.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-6MS



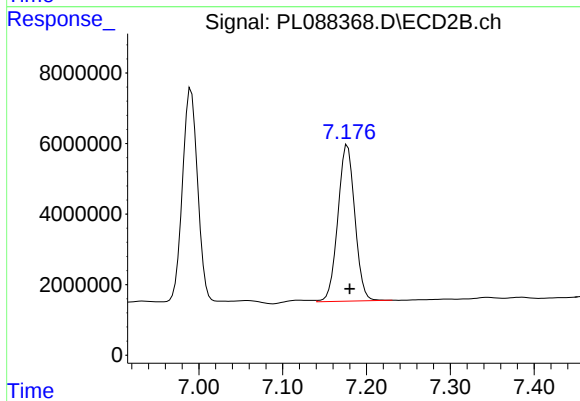
#21 Endrin ketone

R.T.: 6.991 min  
Delta R.T.: -0.003 min  
Response: 75748218  
Conc: 45.24 ng/ml



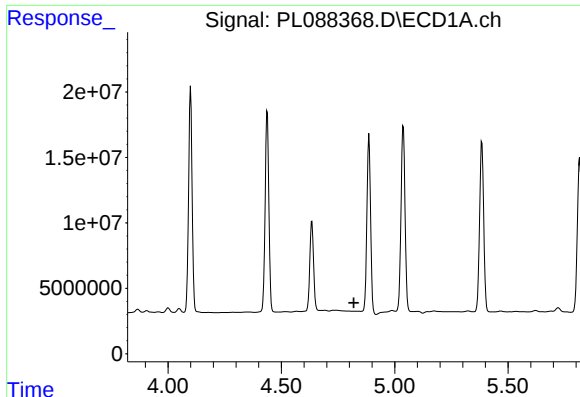
#22 Mirex

R.T.: 8.280 min  
Delta R.T.: -0.003 min  
Response: 98111511  
Conc: 42.34 ng/ml



#22 Mirex

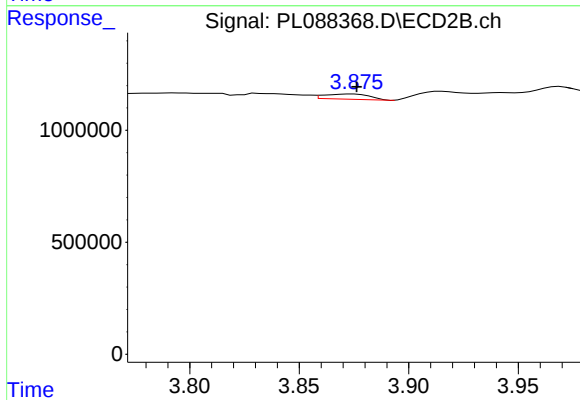
R.T.: 7.177 min  
Delta R.T.: -0.003 min  
Response: 62197966  
Conc: 47.48 ng/ml



#23 Chlordane-1

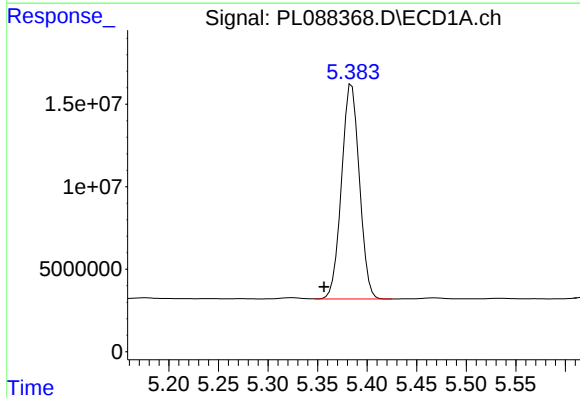
R.T.: 0.000 min  
Exp R.T.: 4.820 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
SP-6MS



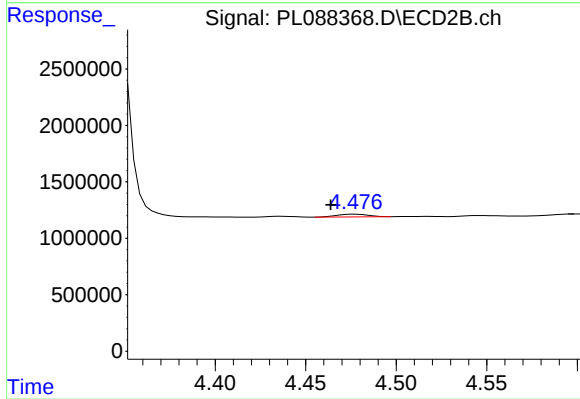
#23 Chlordane-1

R.T.: 3.874 min  
Delta R.T.: -0.002 min  
Response: 332083  
Conc: 6.45 ng/ml



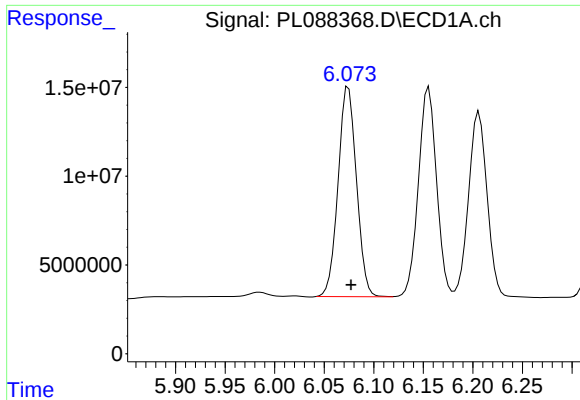
#24 Chlordane-2

R.T.: 5.384 min  
Delta R.T.: 0.028 min  
Response: 163260809  
Conc: 1216.37 ng/ml



#24 Chlordane-2

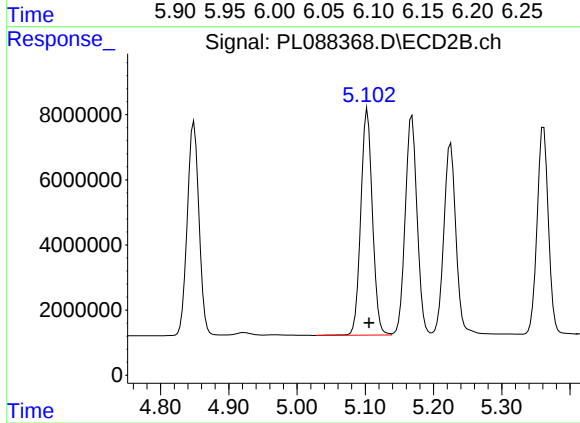
R.T.: 4.478 min  
Delta R.T.: 0.014 min  
Response: 288589  
Conc: 4.54 ng/ml



#25 Chlordane-3

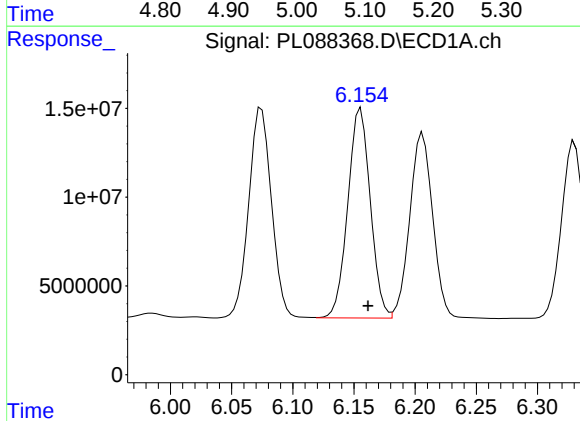
R.T.: 6.074 min  
Delta R.T.: -0.003 min  
Response: 152825249  
Conc: 302.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-6MS



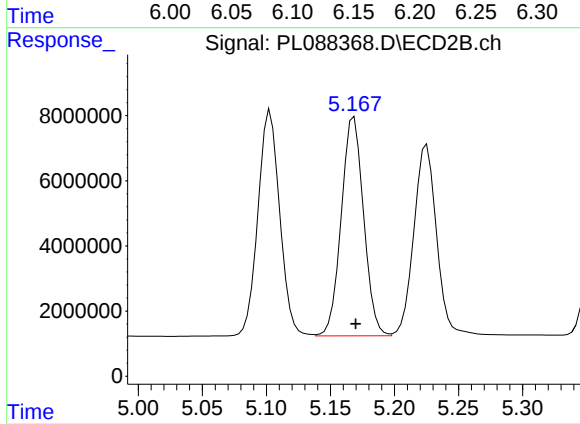
#25 Chlordane-3

R.T.: 5.103 min  
Delta R.T.: -0.003 min  
Response: 82231002  
Conc: 441.63 ng/ml



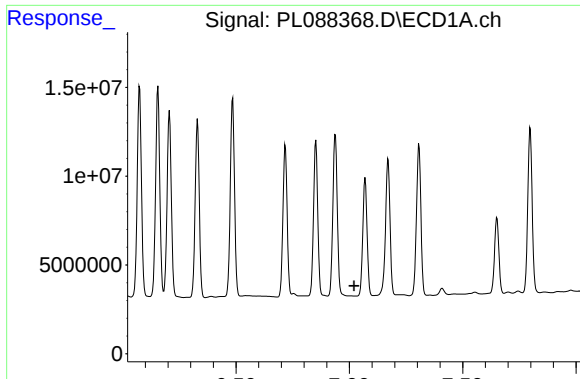
#26 Chlordane-4

R.T.: 6.156 min  
Delta R.T.: -0.006 min  
Response: 151245451  
Conc: 246.35 ng/ml



#26 Chlordane-4

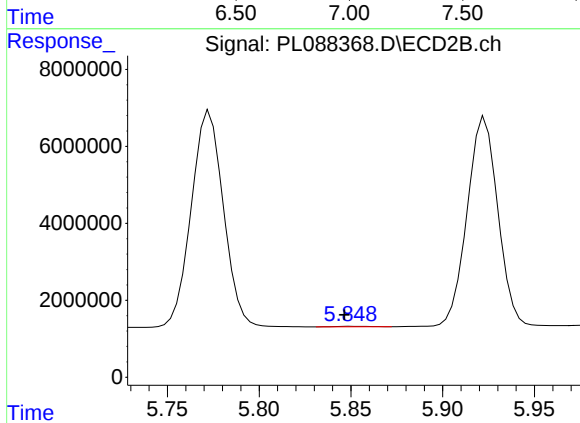
R.T.: 5.168 min  
Delta R.T.: -0.001 min  
Response: 81475012  
Conc: 471.16 ng/ml



#27 Chlordane-5

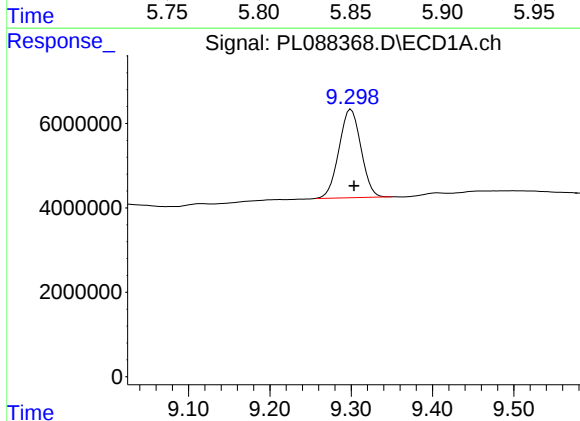
R.T.: 0.000 min  
Exp R.T.: 7.022 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
SP-6MS



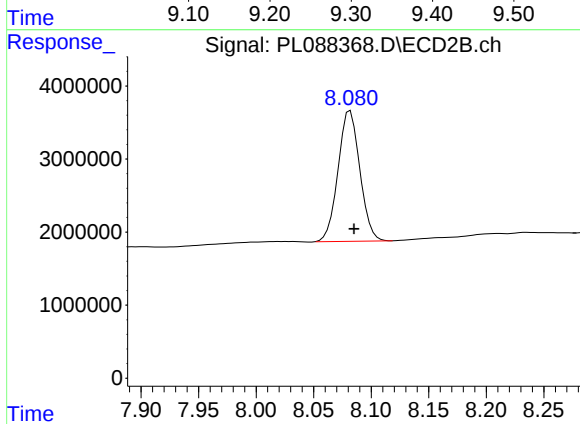
#27 Chlordane-5

R.T.: 5.850 min  
Delta R.T.: 0.004 min  
Response: 191795  
Conc: 3.63 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.300 min  
Delta R.T.: -0.004 min  
Response: 39293982  
Conc: 20.40 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.082 min  
Delta R.T.: -0.003 min  
Response: 23601670  
Conc: 18.54 ng/ml