

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD052124\  
 Data File : PD082909.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 May 2024 18:44  
 Operator : AR\AJ  
 Sample : P2498-0-  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 OK-01-051524

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 17 23:18:12 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD051324.M  
 Quant Title : GC Extractables  
 QLast Update : Mon May 13 15:39:20 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml  | ng/ml   |
|-----------------------------|-----------------|--------|--------|----------|----------|--------|---------|
| -----                       |                 |        |        |          |          |        |         |
| System Monitoring Compounds |                 |        |        |          |          |        |         |
| 1)                          | SA Tetrachlo... | 3.566  | 2.778  | 19582721 | 53775655 | 12.649 | 13.569  |
| 28)                         | SA Decachlor... | 9.119  | 7.905  | 22235677 | 34172094 | 11.135 | 8.841   |
| Target Compounds            |                 |        |        |          |          |        |         |
| 3)                          | MA gamma-BHC... | 0.000  | 3.623f | 0        | 181018   | N.D.   | 0.031 # |
| 4)                          | MA Heptachlor   | 4.974f | 3.942  | 1977817  | 1360260  | 0.784  | 0.246 # |
| 5)                          | MB Aldrin       | 5.261f | 4.222  | 4619531  | 3145555  | 1.793  | 0.552 # |
| 7)                          | B delta-BHC     | 4.794  | 4.136  | 795598   | 1563085  | 0.320  | 0.270   |
| 8)                          | B Heptachlo...  | 5.707  | 4.724  | 758118   | 300559   | 0.325  | 0.060 # |
| 9)                          | A Endosulfan I  | 0.000  | 5.101  | 0        | 438112   | N.D.   | 0.095 # |
| 10)                         | B gamma-Chl...  | 5.976  | 4.973  | 7763293  | 11383044 | 3.428  | 2.277 # |
| 11)                         | B alpha-Chl...  | 6.058  | 5.036  | 16770458 | 24798485 | 7.413  | 4.994 # |
| 12)                         | B 4,4'-DDE      | 6.226  | 5.225  | 3561122  | 7369638  | 1.628  | 1.579   |
| 13)                         | MA Dieldrin     | 0.000  | 5.359  | 0        | 2387430  | N.D.   | 0.475 # |
| 14)                         | MA Endrin       | 0.000  | 5.640  | 0        | 1310002  | N.D.   | 0.300 # |
| 15)                         | B Endosulfa...  | 6.815f | 5.930  | 240621   | 5242126  | 0.121  | 1.255 # |
| 16)                         | A 4,4'-DDD      | 6.756  | 5.778  | 531770   | 762094   | 0.332  | 0.203 # |
| 17)                         | MA 4,4'-DDT     | 7.062  | 6.028  | 5444797  | 11008646 | 3.225  | 2.871   |
| 18)                         | B Endrin al...  | 6.972  | 6.128f | 1006062  | 1821755  | 0.719  | 0.584   |
| 19)                         | B Endosulfa...  | 7.202  | 0.000  | 87150    | 0        | 0.049  | N.D. #  |
| 20)                         | A Methoxychlor  | 7.560f | 6.580f | 646517   | 167678   | 0.705  | 0.083 # |
| 22)                         | Mirex           | 8.168  | 7.034f | 2268324  | 127097   | 1.480  | 0.036 # |
| 23)                         | Chlordane-1     | 4.732  | 3.770  | 3041485  | 5921900  | 31.767 | 32.331  |
| 24)                         | Chlordane-2     | 5.261  | 4.346  | 4619531  | 8380213  | 46.677 | 39.552  |
| 25)                         | Chlordane-3     | 5.976  | 4.973  | 7763293  | 11383044 | 19.701 | 18.888  |
| 26)                         | Chlordane-4     | 6.058  | 5.036  | 16770458 | 24798485 | 35.701 | 43.155  |
| 27)                         | Chlordane-5     | 6.912  | 5.930  | 2780499  | 5242126  | 33.797 | 25.996  |
| -----                       |                 |        |        |          |          |        |         |

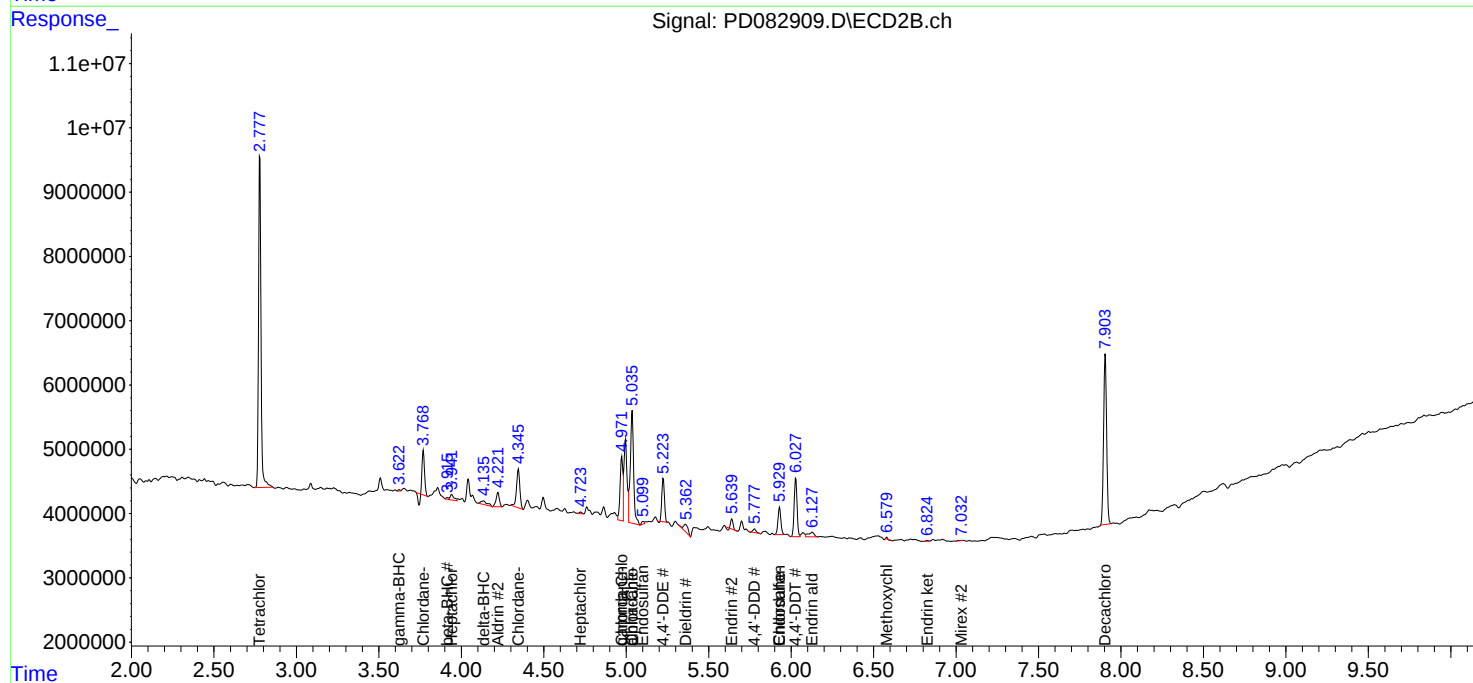
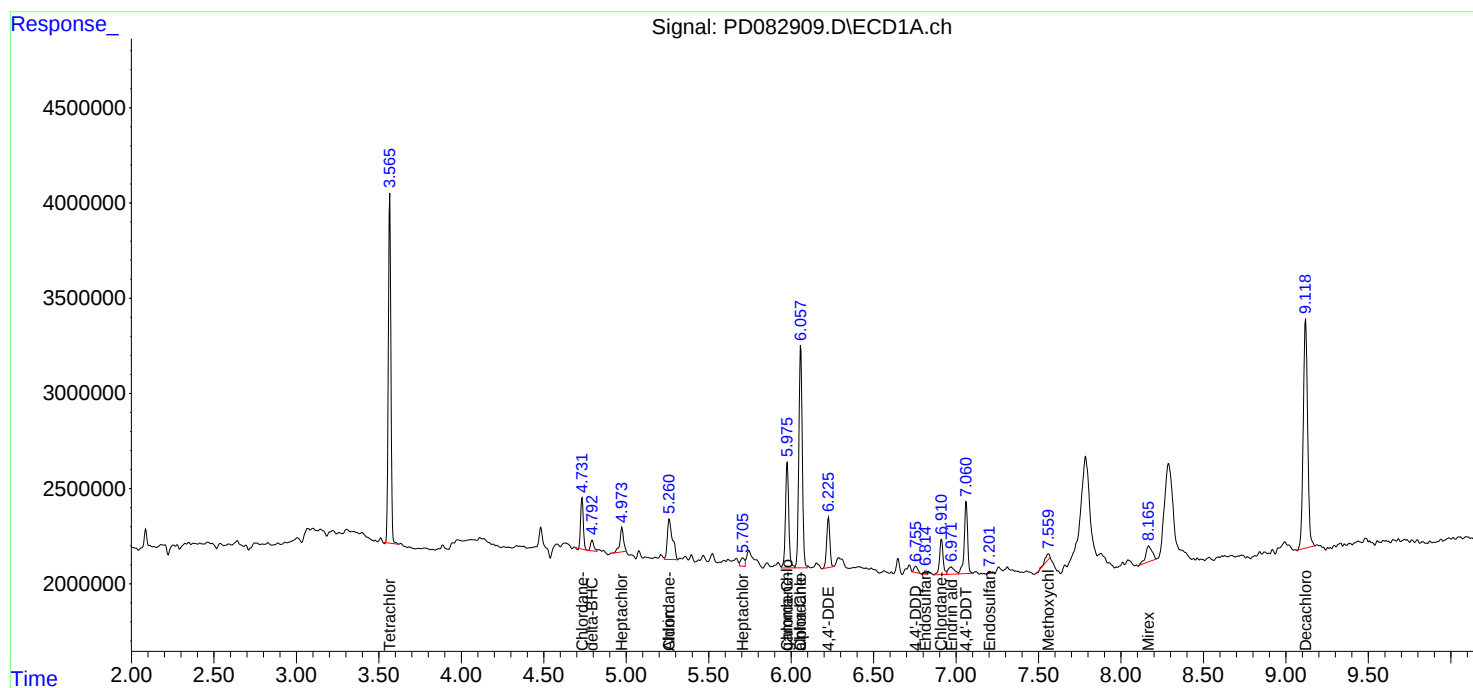
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

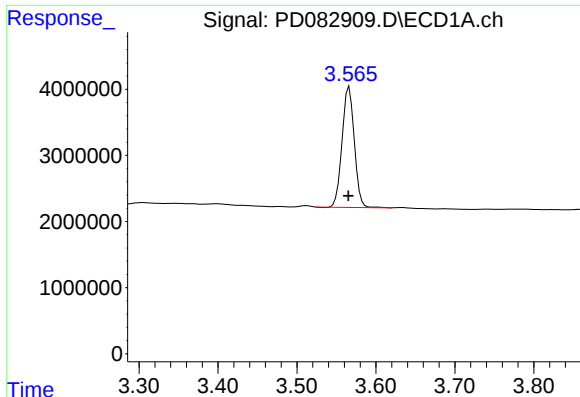
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD052124\  
Data File : PD082909.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 17 May 2024 18:44  
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Sample : P2498-0-  
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ECD\_D  
ClientSampleId :  
OK-01-051524

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 17 23:18:12 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD051324.M  
Quant Title : GC Extractables  
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Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

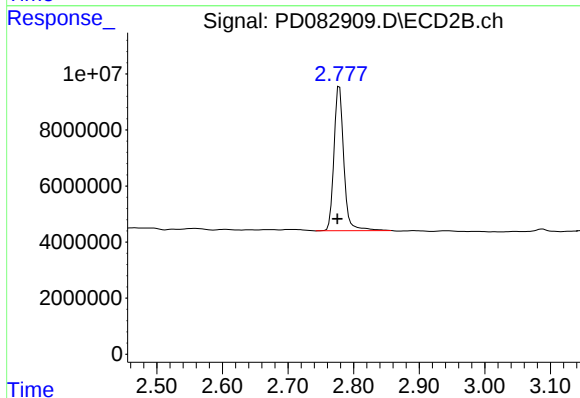




#1 Tetrachloro-m-xylene

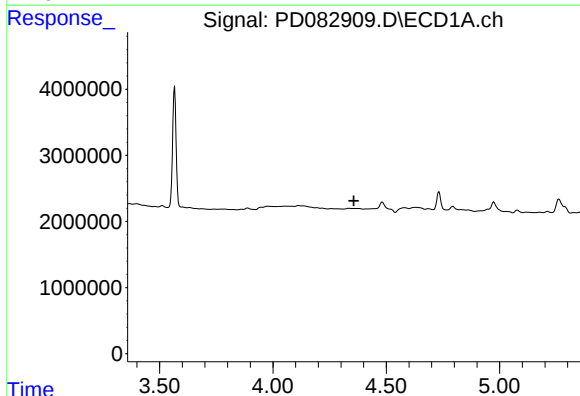
R.T.: 3.566 min  
Delta R.T.: 0.001 min  
Response: 19582721  
Conc: 12.65 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
OK-01-051524



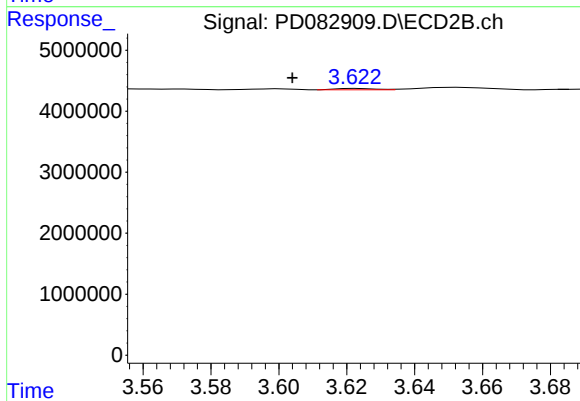
#1 Tetrachloro-m-xylene

R.T.: 2.778 min  
Delta R.T.: 0.003 min  
Response: 53775655  
Conc: 13.57 ng/ml



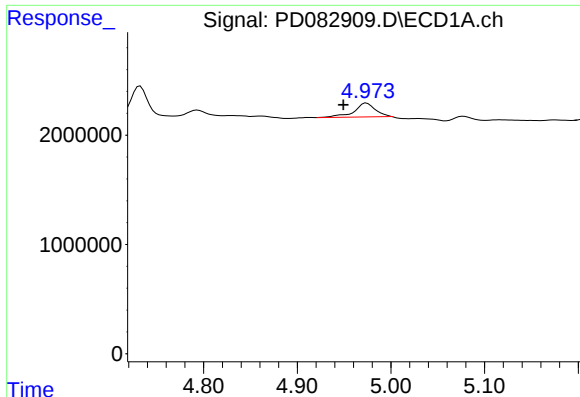
#3 gamma-BHC (Lindane)

R.T.: 0.000 min  
Exp R.T. : 4.356 min  
Response: 0  
Conc: N.D.



#3 gamma-BHC (Lindane)

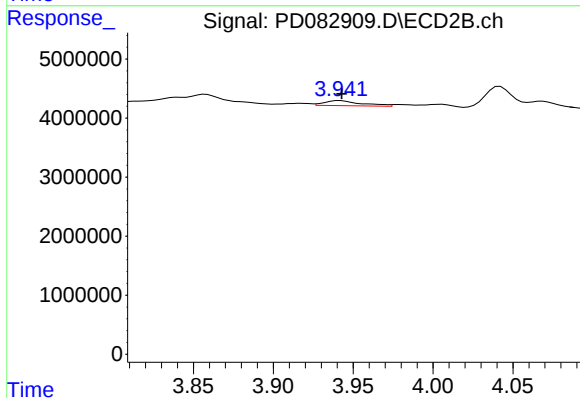
R.T.: 3.623 min  
Delta R.T.: 0.019 min  
Response: 181018  
Conc: 0.03 ng/ml



#4 Heptachlor

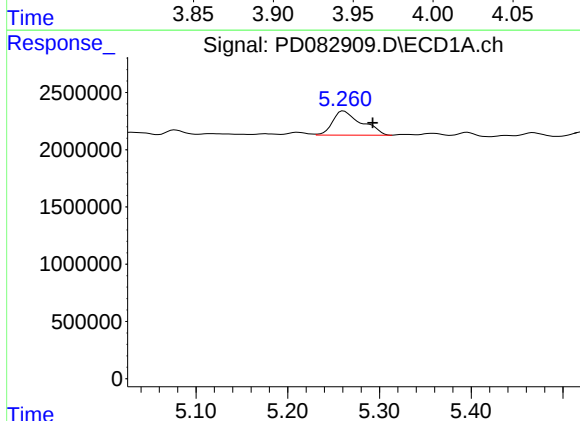
R.T.: 4.974 min  
Delta R.T.: 0.025 min  
Response: 1977817  
Conc: 0.78 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
OK-01-051524



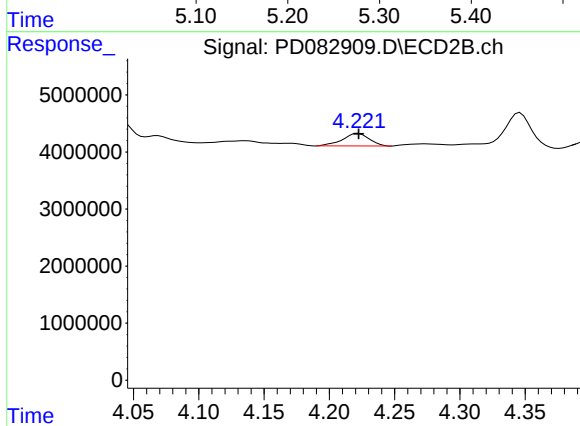
#4 Heptachlor

R.T.: 3.942 min  
Delta R.T.: 0.000 min  
Response: 1360260  
Conc: 0.25 ng/ml



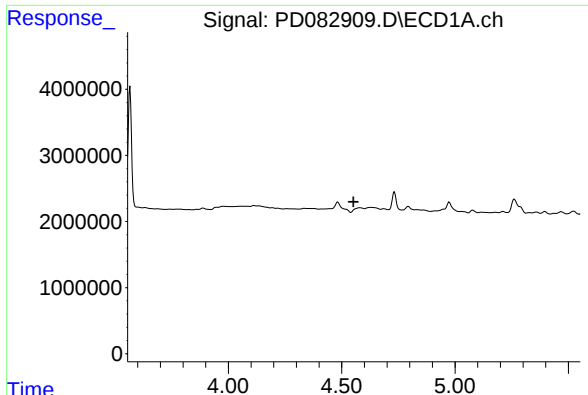
#5 Aldrin

R.T.: 5.261 min  
Delta R.T.: -0.032 min  
Response: 4619531  
Conc: 1.79 ng/ml



#5 Aldrin

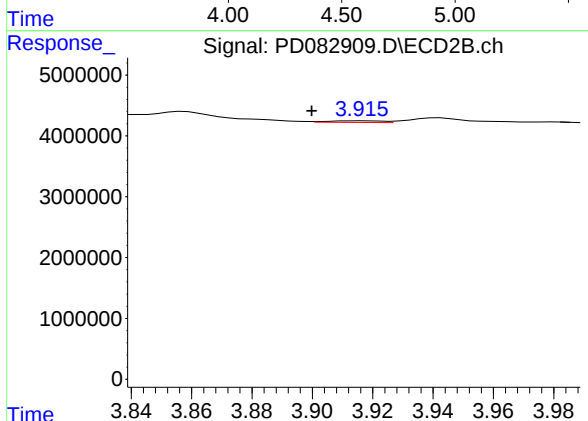
R.T.: 4.222 min  
Delta R.T.: 0.000 min  
Response: 3145555  
Conc: 0.55 ng/ml



#6 beta-BHC

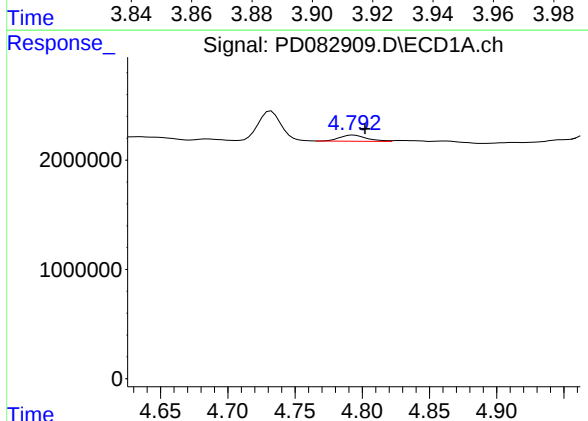
R.T.: 4.580 min  
Delta R.T.: 0.027 min  
Response: -183853  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
OK-01-051524



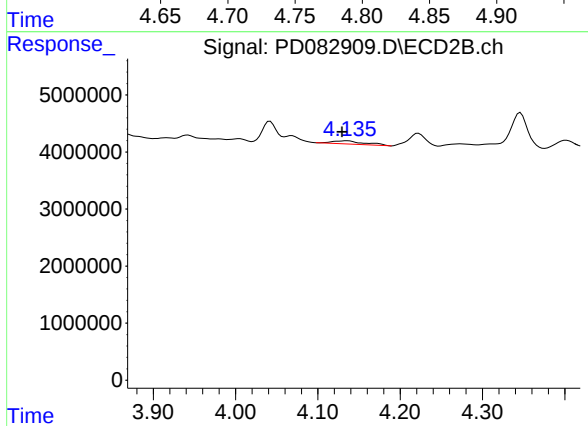
#6 beta-BHC

R.T.: 3.917 min  
Delta R.T.: 0.017 min  
Response: 337583  
Conc: 0.14 ng/ml



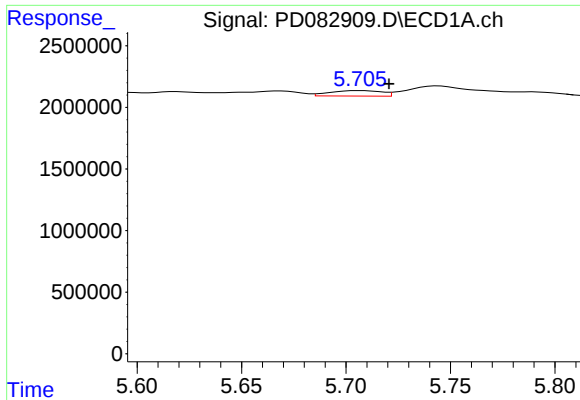
#7 delta-BHC

R.T.: 4.794 min  
Delta R.T.: -0.009 min  
Response: 795598  
Conc: 0.32 ng/ml



#7 delta-BHC

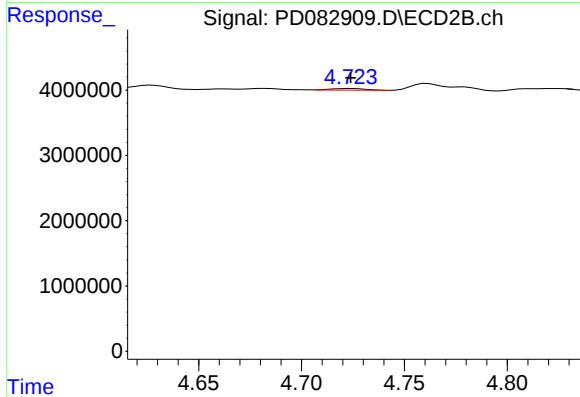
R.T.: 4.136 min  
Delta R.T.: 0.006 min  
Response: 1563085  
Conc: 0.27 ng/ml



#8 Heptachlor epoxide

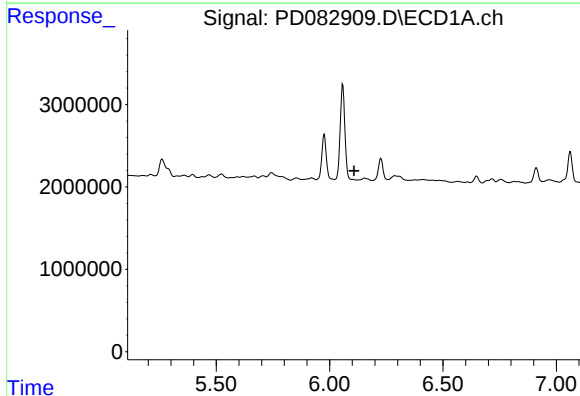
R.T.: 5.707 min  
Delta R.T.: -0.014 min  
Response: 758118  
Conc: 0.33 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
OK-01-051524



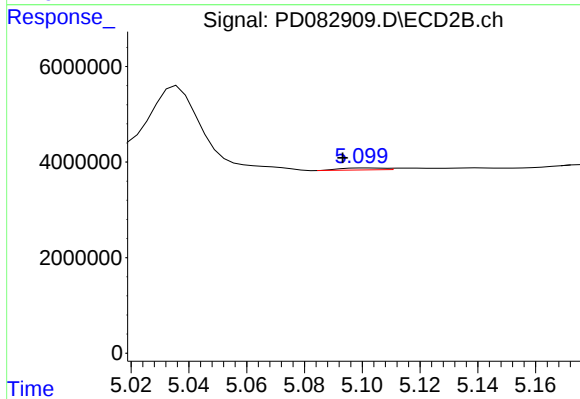
#8 Heptachlor epoxide

R.T.: 4.724 min  
Delta R.T.: 0.000 min  
Response: 300559  
Conc: 0.06 ng/ml



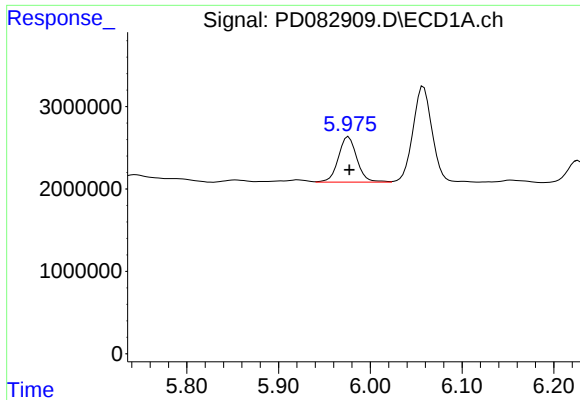
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T. : 6.108 min  
Response: 0  
Conc: N.D.



#9 Endosulfan I

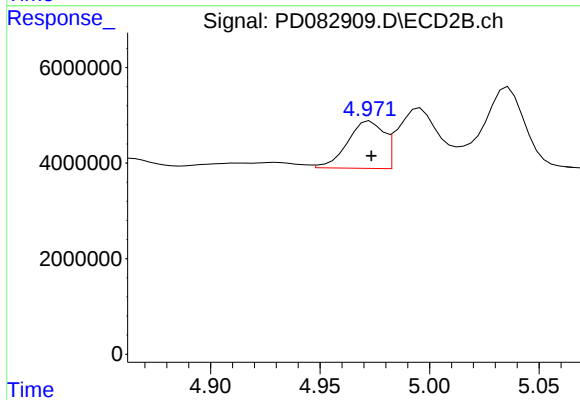
R.T.: 5.101 min  
Delta R.T.: 0.008 min  
Response: 438112  
Conc: 0.09 ng/ml



#10 gamma-Chlordane

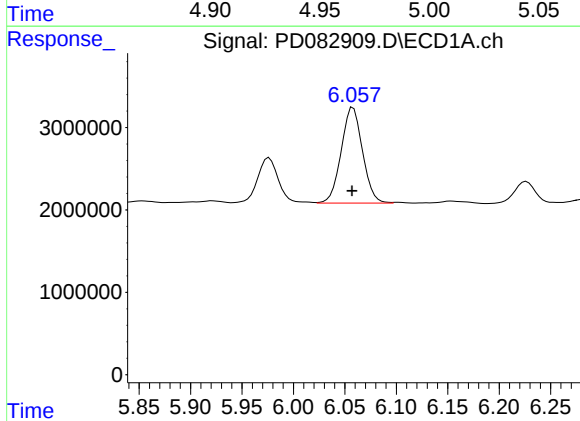
R.T.: 5.976 min  
Delta R.T.: 0.000 min  
Response: 7763293  
Conc: 3.43 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
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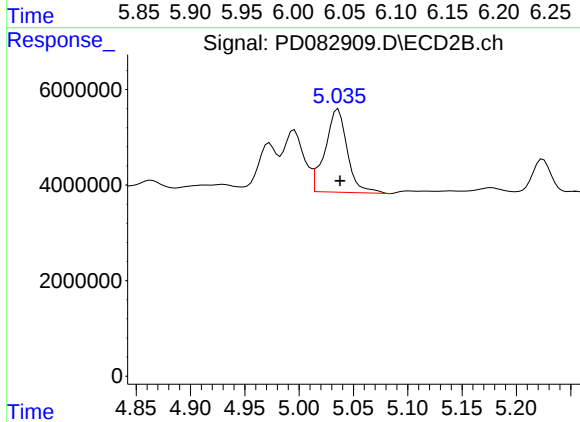
#10 gamma-Chlordane

R.T.: 4.973 min  
Delta R.T.: 0.000 min  
Response: 11383044  
Conc: 2.28 ng/ml



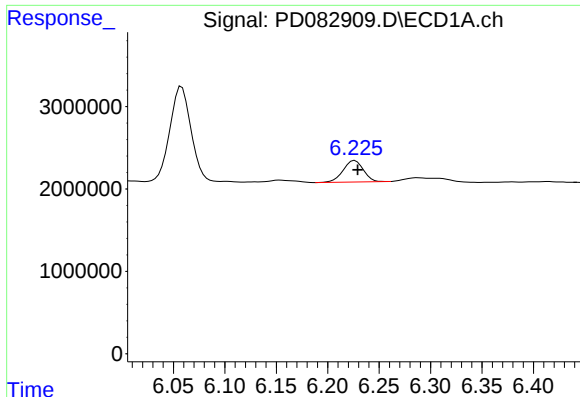
#11 alpha-Chlordane

R.T.: 6.058 min  
Delta R.T.: 0.001 min  
Response: 16770458  
Conc: 7.41 ng/ml



#11 alpha-Chlordane

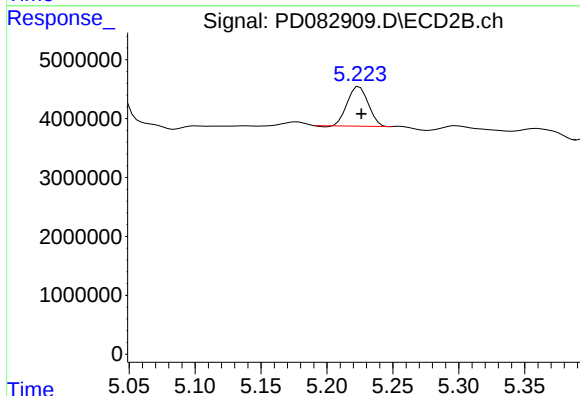
R.T.: 5.036 min  
Delta R.T.: -0.002 min  
Response: 24798485  
Conc: 4.99 ng/ml



#12 4,4'-DDE

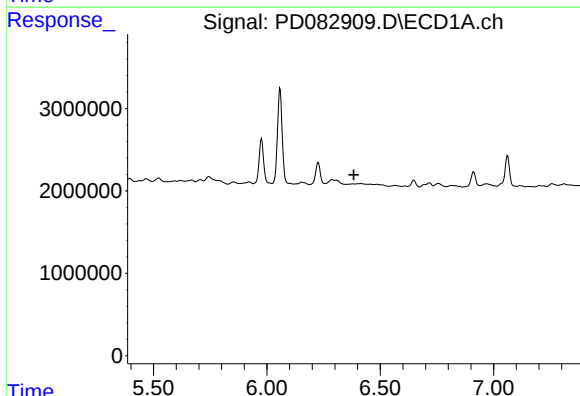
R.T.: 6.226 min  
Delta R.T.: -0.003 min  
Response: 3561122  
Conc: 1.63 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
OK-01-051524



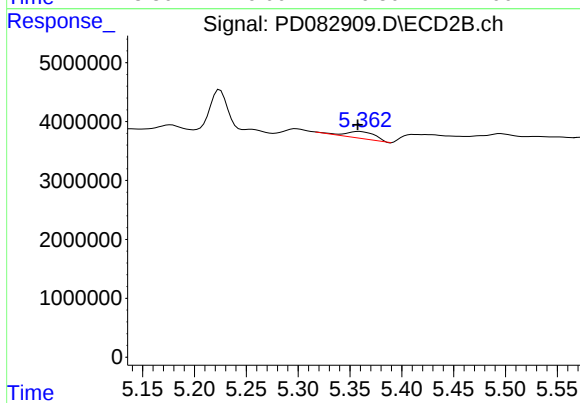
#12 4,4'-DDE

R.T.: 5.225 min  
Delta R.T.: -0.002 min  
Response: 7369638  
Conc: 1.58 ng/ml



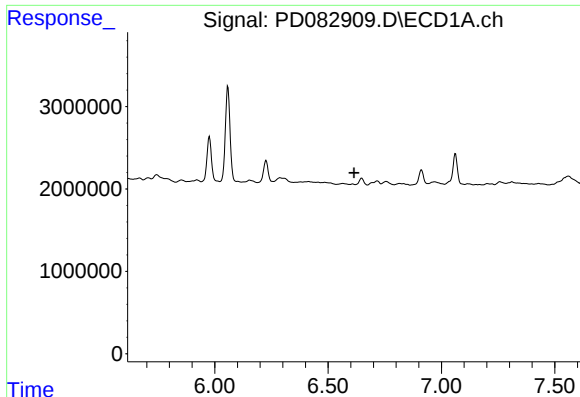
#13 Dieldrin

R.T.: 0.000 min  
Exp R.T. : 6.384 min  
Response: 0  
Conc: N.D.



#13 Dieldrin

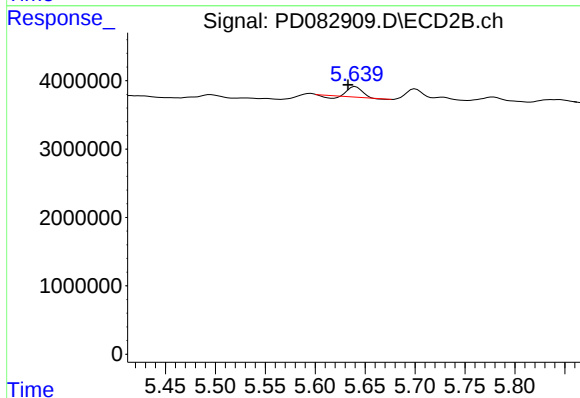
R.T.: 5.359 min  
Delta R.T.: 0.002 min  
Response: 2387430  
Conc: 0.48 ng/ml



#14 Endrin

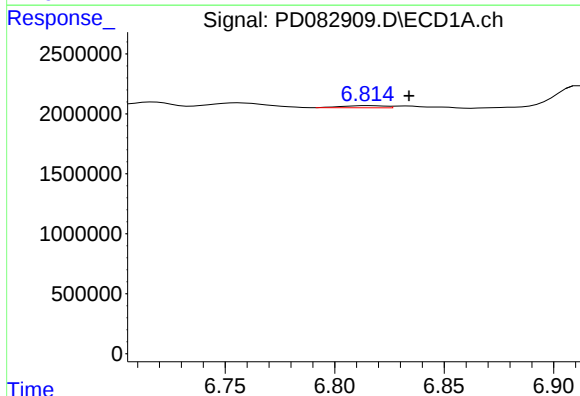
R.T.: 0.000 min  
Exp R.T.: 6.615 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
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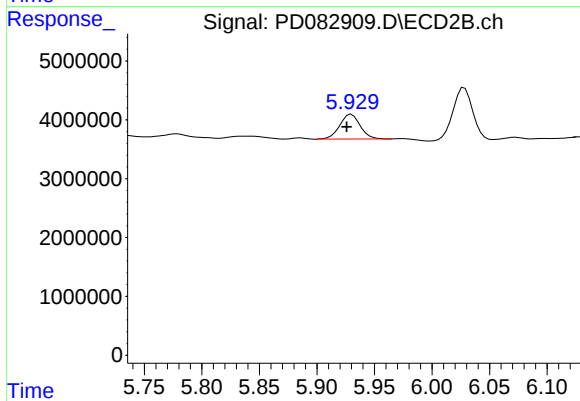
#14 Endrin

R.T.: 5.640 min  
Delta R.T.: 0.008 min  
Response: 1310002  
Conc: 0.30 ng/ml



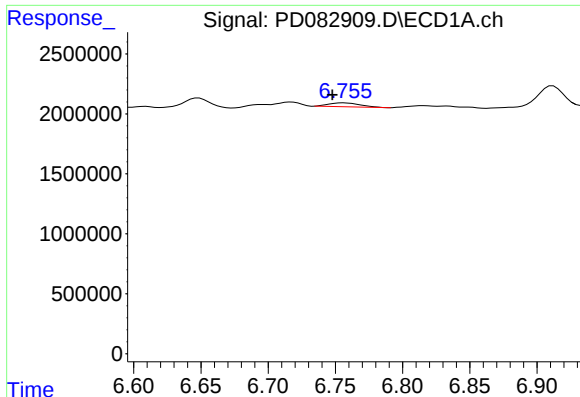
#15 Endosulfan II

R.T.: 6.815 min  
Delta R.T.: -0.019 min  
Response: 240621  
Conc: 0.12 ng/ml



#15 Endosulfan II

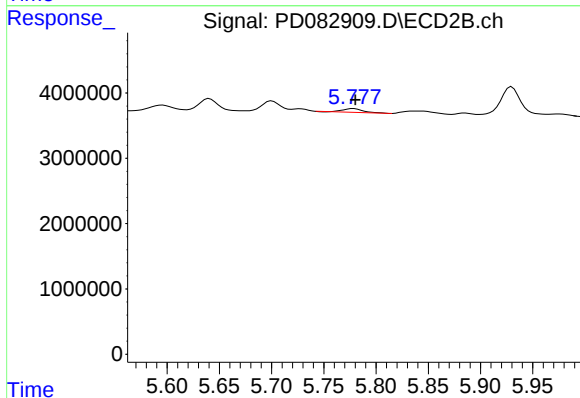
R.T.: 5.930 min  
Delta R.T.: 0.004 min  
Response: 5242126  
Conc: 1.26 ng/ml



#16 4,4'-DDD

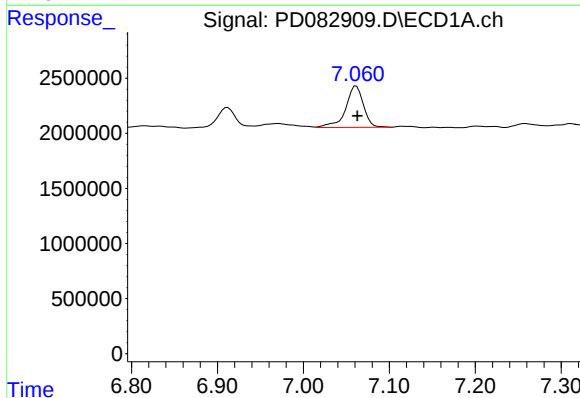
R.T.: 6.756 min  
Delta R.T.: 0.009 min  
Response: 531770  
Conc: 0.33 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
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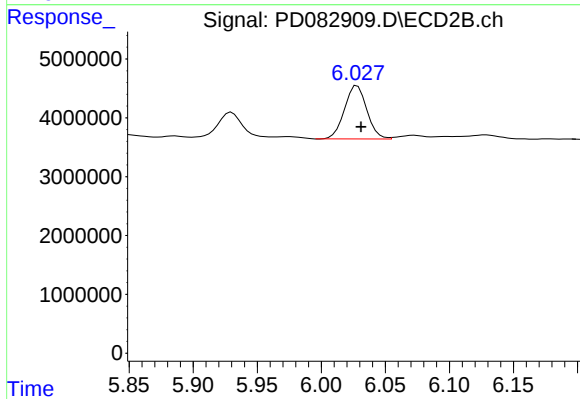
#16 4,4'-DDD

R.T.: 5.778 min  
Delta R.T.: -0.002 min  
Response: 762094  
Conc: 0.20 ng/ml



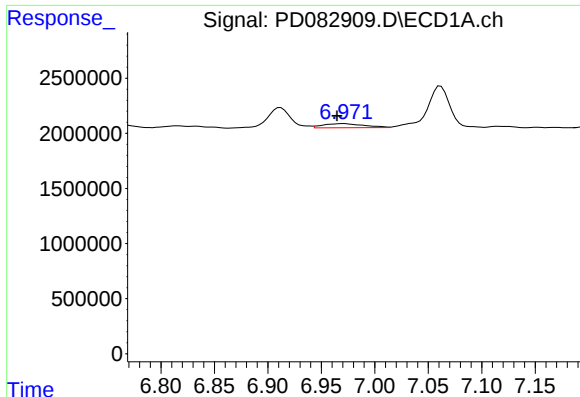
#17 4,4'-DDT

R.T.: 7.062 min  
Delta R.T.: -0.001 min  
Response: 5444797  
Conc: 3.23 ng/ml



#17 4,4'-DDT

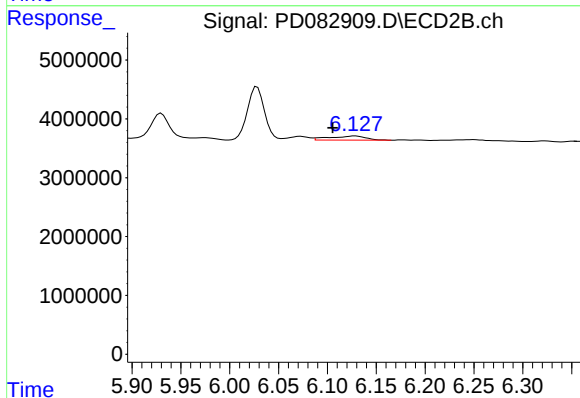
R.T.: 6.028 min  
Delta R.T.: -0.003 min  
Response: 11008646  
Conc: 2.87 ng/ml



#18 Endrin aldehyde

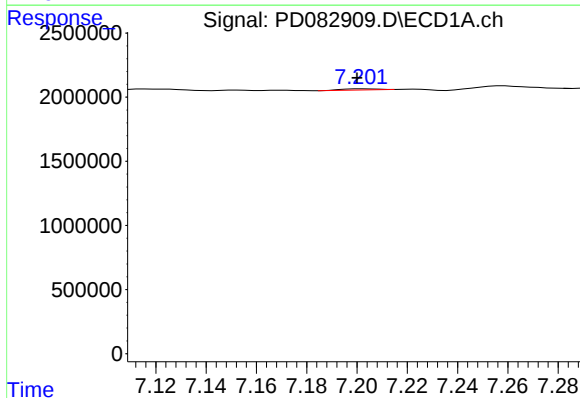
R.T.: 6.972 min  
Delta R.T.: 0.007 min  
Response: 1006062  
Conc: 0.72 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
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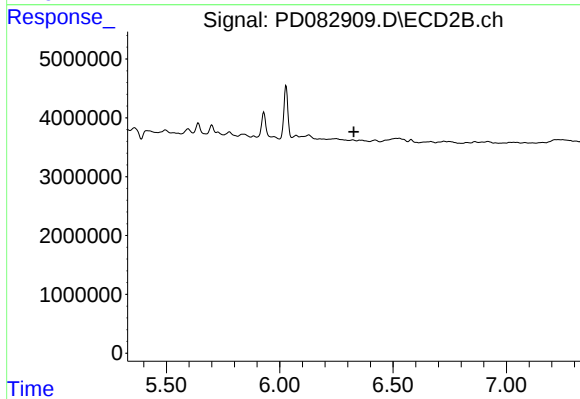
#18 Endrin aldehyde

R.T.: 6.128 min  
Delta R.T.: 0.023 min  
Response: 1821755  
Conc: 0.58 ng/ml



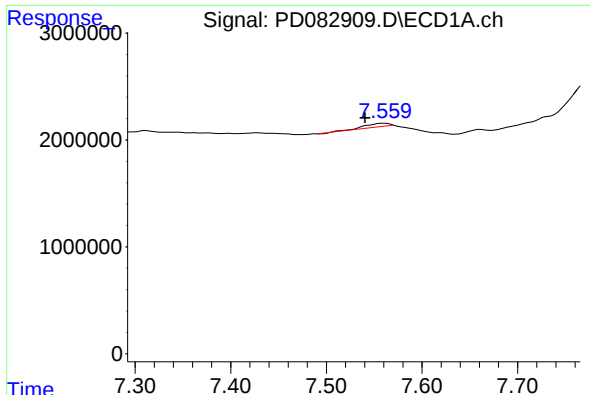
#19 Endosulfan Sulfate

R.T.: 7.202 min  
Delta R.T.: 0.002 min  
Response: 87150  
Conc: 0.05 ng/ml



#19 Endosulfan Sulfate

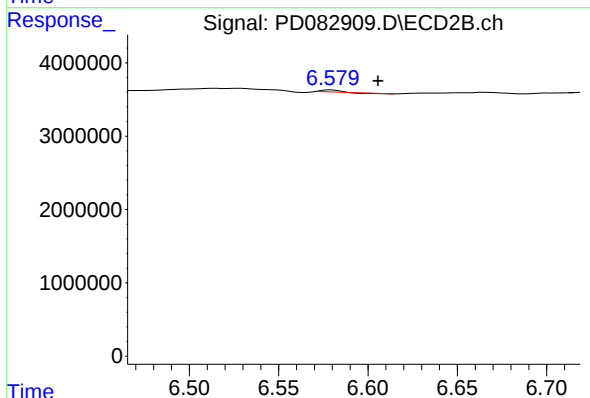
R.T.: 0.000 min  
Exp R.T. : 6.327 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

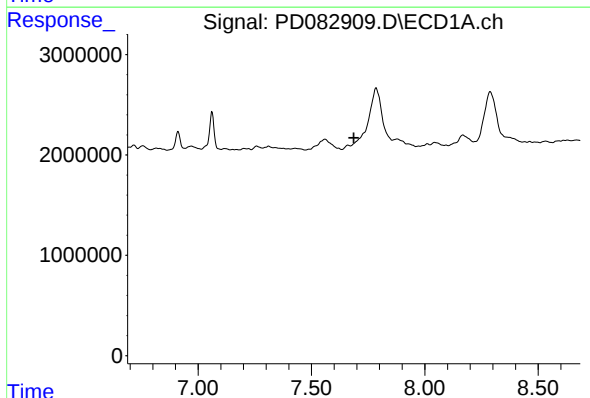
R.T.: 7.560 min  
Delta R.T.: 0.020 min  
Response: 646517  
Conc: 0.71 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
OK-01-051524



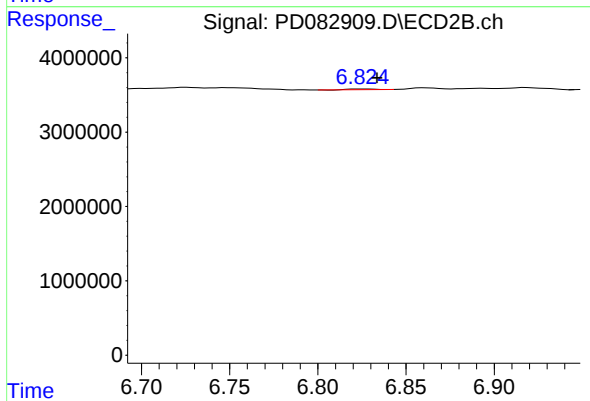
#20 Methoxychlor

R.T.: 6.580 min  
Delta R.T.: -0.026 min  
Response: 167678  
Conc: 0.08 ng/ml



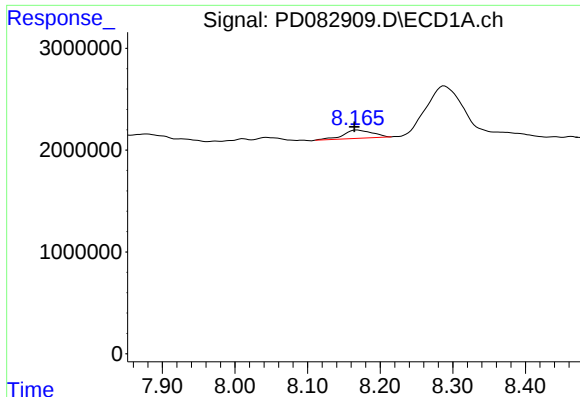
#21 Endrin ketone

R.T.: 7.661 min  
Delta R.T.: -0.026 min  
Response: -173190  
Conc: N.D.



#21 Endrin ketone

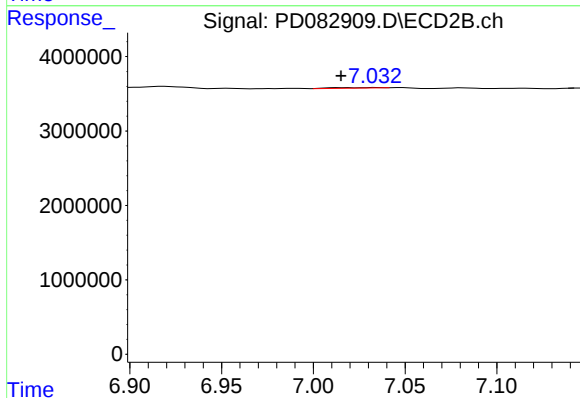
R.T.: 6.825 min  
Delta R.T.: -0.008 min  
Response: 89092  
Conc: 0.02 ng/ml



#22 Mirex

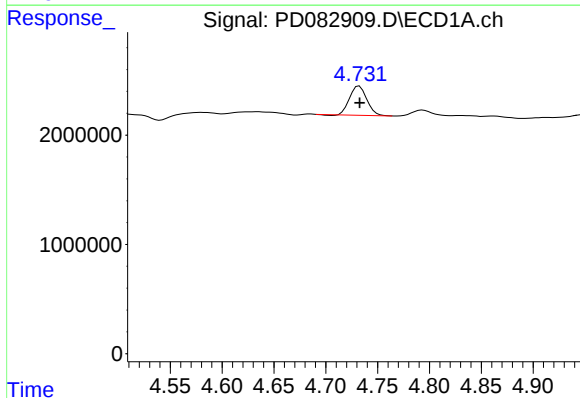
R.T.: 8.168 min  
Delta R.T.: 0.004 min  
Response: 2268324  
Conc: 1.48 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
OK-01-051524



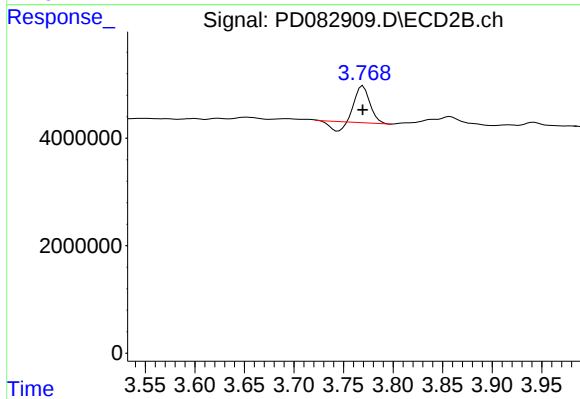
#22 Mirex

R.T.: 7.034 min  
Delta R.T.: 0.019 min  
Response: 127097  
Conc: 0.04 ng/ml



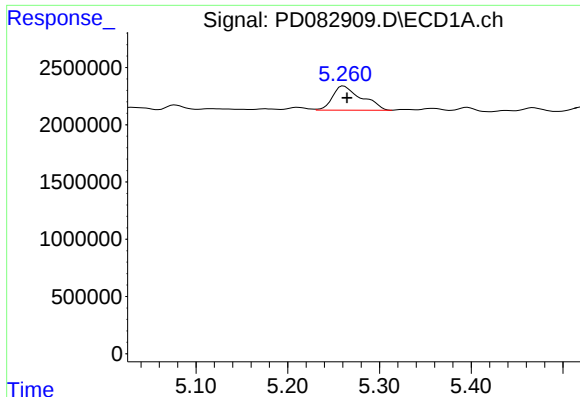
#23 Chlordane-1

R.T.: 4.732 min  
Delta R.T.: 0.000 min  
Response: 3041485  
Conc: 31.77 ng/ml



#23 Chlordane-1

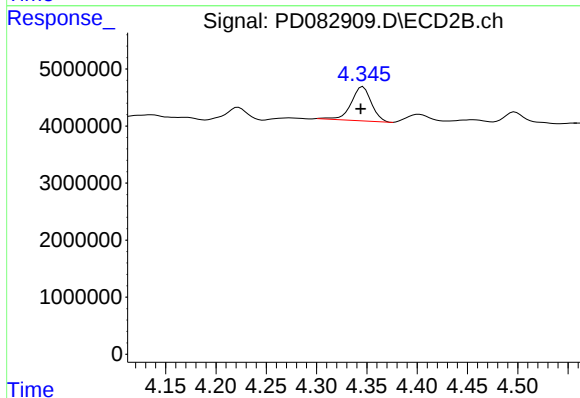
R.T.: 3.770 min  
Delta R.T.: 0.000 min  
Response: 5921900  
Conc: 32.33 ng/ml



#24 Chlordane-2

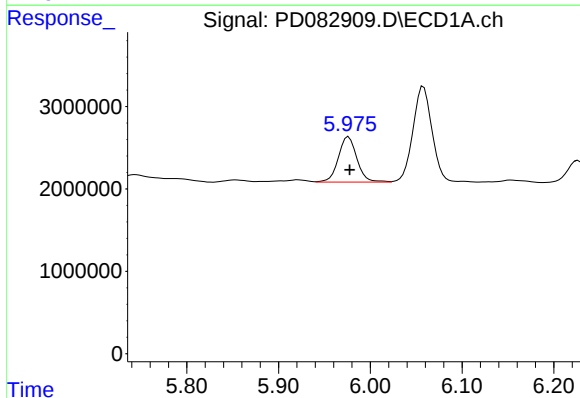
R.T.: 5.261 min  
Delta R.T.: -0.003 min  
Response: 4619531  
Conc: 46.68 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
OK-01-051524



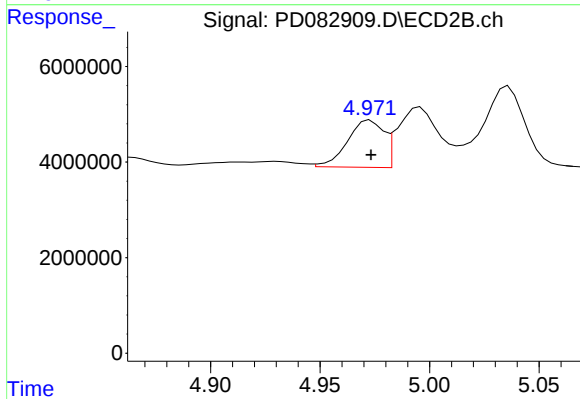
#24 Chlordane-2

R.T.: 4.346 min  
Delta R.T.: 0.002 min  
Response: 8380213  
Conc: 39.55 ng/ml



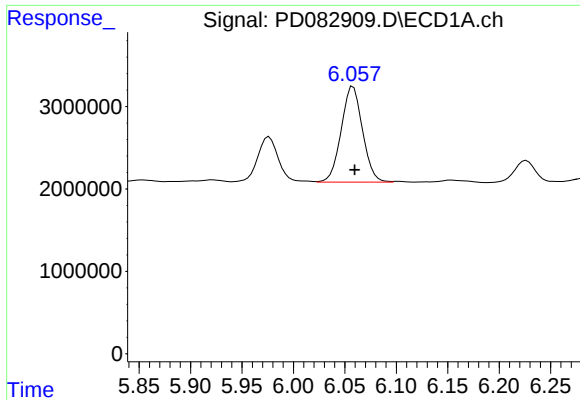
#25 Chlordane-3

R.T.: 5.976 min  
Delta R.T.: -0.001 min  
Response: 7763293  
Conc: 19.70 ng/ml



#25 Chlordane-3

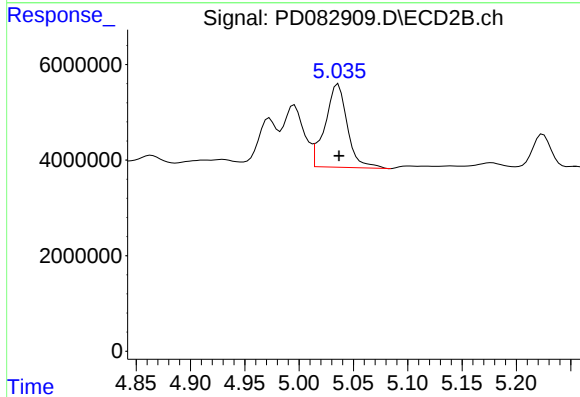
R.T.: 4.973 min  
Delta R.T.: 0.000 min  
Response: 11383044  
Conc: 18.89 ng/ml



#26 Chlordane-4

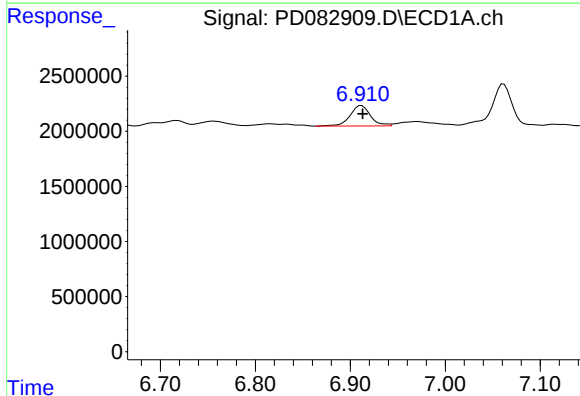
R.T.: 6.058 min  
Delta R.T.: -0.002 min  
Response: 16770458  
Conc: 35.70 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
OK-01-051524



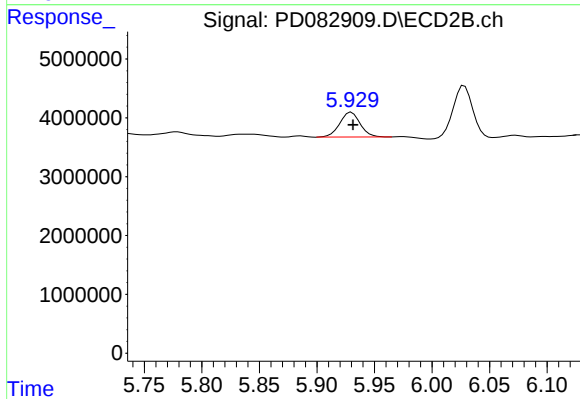
#26 Chlordane-4

R.T.: 5.036 min  
Delta R.T.: 0.000 min  
Response: 24798485  
Conc: 43.16 ng/ml



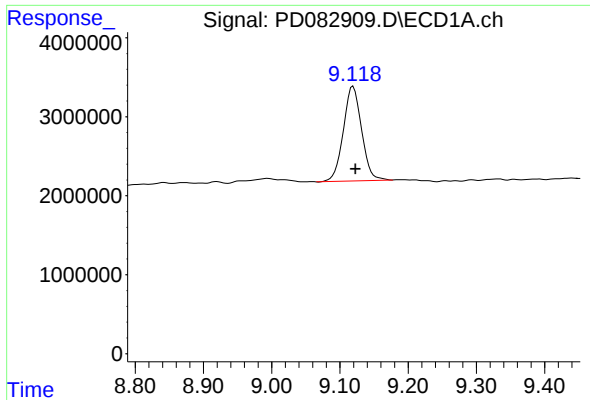
#27 Chlordane-5

R.T.: 6.912 min  
Delta R.T.: -0.001 min  
Response: 2780499  
Conc: 33.80 ng/ml



#27 Chlordane-5

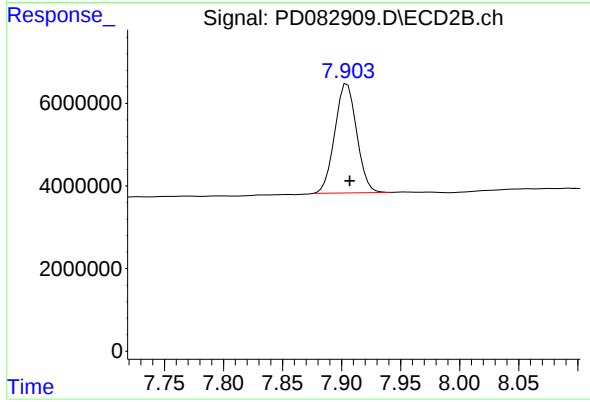
R.T.: 5.930 min  
Delta R.T.: -0.001 min  
Response: 5242126  
Conc: 26.00 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.119 min  
Delta R.T.: -0.003 min  
Response: 22235677  
Conc: 11.13 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
OK-01-051524



#28 Decachlorobiphenyl

R.T.: 7.905 min  
Delta R.T.: -0.002 min  
Response: 34172094  
Conc: 8.84 ng/ml