

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL1121119\  
 Data File : PL054946.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Dec 2019 18:04  
 Operator : SG\AJ  
 Sample : K6217-03  
 Misc : 6083 METHOD  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 TI-633

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 12 04:00:46 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL112619.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Nov 27 01:19:55 2019  
 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... | 3.535  | 4.049  | 300.5E6  | 40974872 | 25.827  | 16.057 #  |
| 28)                         | SA Decachlor... | 8.316  | 9.146  | 98117342 | 32663387 | 10.246  | 13.624 #  |
| Target Compounds            |                 |        |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 3.973  | 4.437  | 60082841 | 52756884 | 3.165   | 14.891 #  |
| 3)                          | MA gamma-BHC... | 4.265  | 0.000  | 53464010 | 0        | 3.136   | N.D. #    |
| 4)                          | MA Heptachlor   | 0.000  | 5.234  | 0        | 48553277 | N.D.    | 16.088 #  |
| 5)                          | MB Aldrin       | 4.843f | 5.546  | -876546  | 1523125  | N.D.    | 0.547     |
| 6)                          | B beta-BHC      | 4.540f | 0.000  | 101.4E6  | 0        | 13.674  | N.D. #    |
| 7)                          | B delta-BHC     | 4.706f | 0.000  | 7505957  | 0        | 0.462   | N.D. #    |
| 8)                          | B Heptachlo...  | 5.265  | 5.913f | 78350170 | 3533123  | 5.180   | 1.414 #   |
| 9)                          | A Endosulfan I  | 5.609  | 6.265f | 42698380 | 23739827 | 3.131   | 9.598 #   |
| 10)                         | B gamma-Chl...  | 5.506  | 6.145f | 130.4E6  | 66296218 | 8.599   | 25.166 #  |
| 11)                         | B alpha-Chl...  | 5.541f | 6.227  | 336.2E6  | 20128086 | 22.801  | 7.666 #   |
| 12)                         | B 4,4'-DDE      | 5.711  | 0.000  | 45876935 | 0        | 3.448   | N.D. #    |
| 13)                         | MA Dieldrin     | 5.848  | 6.522f | 34924636 | 2033021  | 2.463   | 0.799 #   |
| 15)                         | B Endosulfa...  | 6.392  | 6.982  | 76599292 | 15043714 | 6.330   | 6.399     |
| 16)                         | A 4,4'-DDD      | 6.230  | 6.872  | 85855970 | 5447883  | 8.790   | 2.837 #   |
| 17)                         | MA 4,4'-DDT     | 6.504f | 7.163f | 35927303 | 27573738 | 3.429   | 13.917 #  |
| 18)                         | B Endrin al...  | 6.536f | 7.082f | 76018673 | 25700174 | 7.676   | 13.111 #  |
| 19)                         | B Endosulfa...  | 6.751f | 0.000  | 19213734 | 0        | 1.794   | N.D. #    |
| 20)                         | A Methoxychlor  | 0.000  | 7.638  | 0        | 8592562  | N.D.    | 7.533 #   |
| 21)                         | B Endrin ke...  | 7.285f | 7.774f | -1279189 | 23242976 | N.D.    | 10.326    |
| 22)                         | Mirex           | 7.455  | 8.281f | 34045546 | 2782268  | 4.194   | 1.610 #   |
| 23)                         | Chlordane-1     | 4.423  | 5.040  | 207.1E6  | 4284522  | 524.670 | 53.749 #  |
| 24)                         | Chlordane-2     | 4.933  | 5.513  | 27434384 | 3505888  | 63.175  | 39.118 #  |
| 25)                         | Chlordane-3     | 5.506  | 6.145f | 130.4E6  | 66296218 | 101.541 | 213.583 # |
| 26)                         | Chlordane-4     | 5.541  | 6.227  | 336.2E6  | 20128086 | 318.309 | 53.491 #  |
| 27)                         | Chlordane-5     | 6.392  | 7.039  | 76599292 | 4730665  | 203.450 | 70.170 #  |
| -----                       |                 |        |        |          |          |         |           |

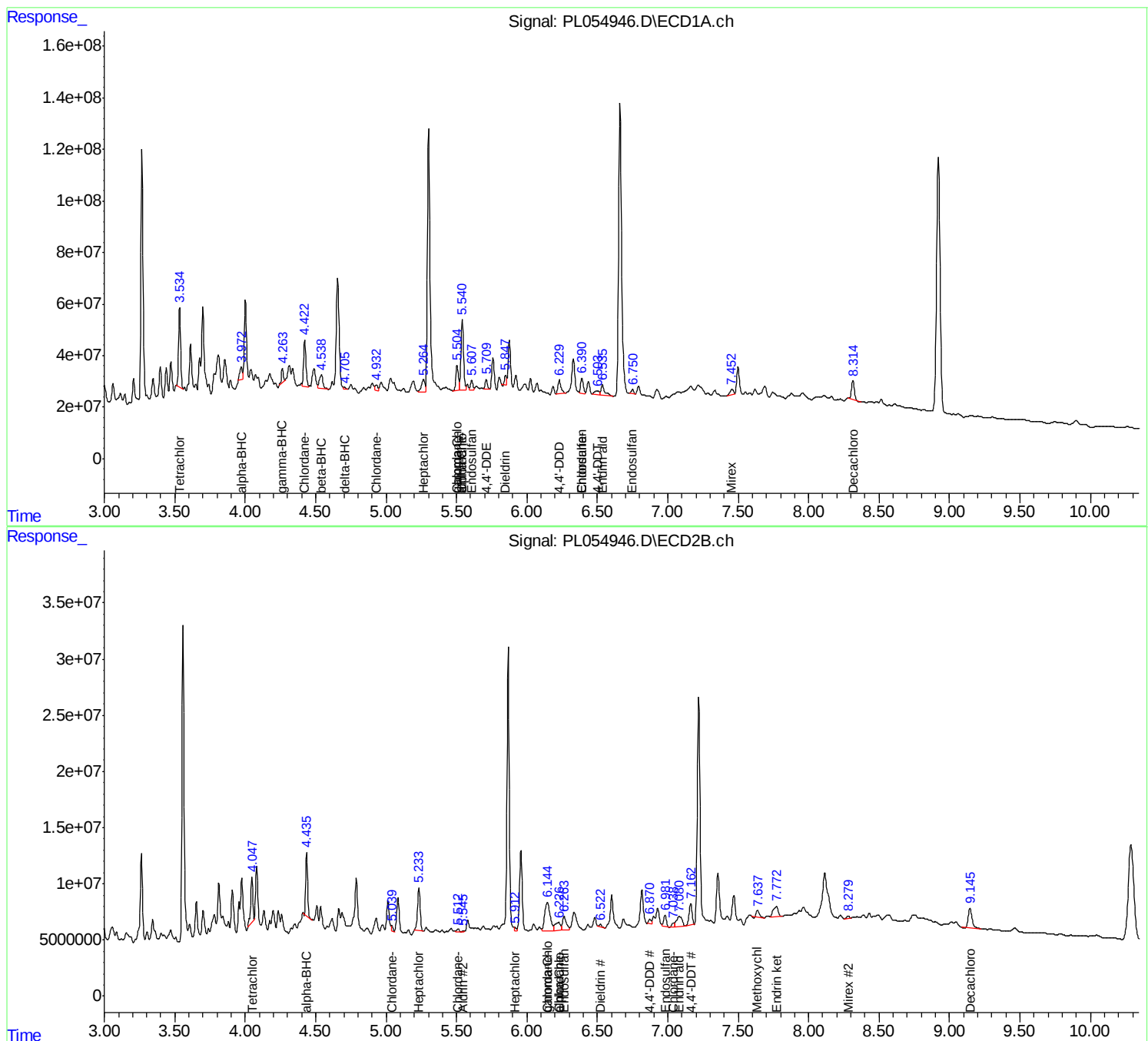
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

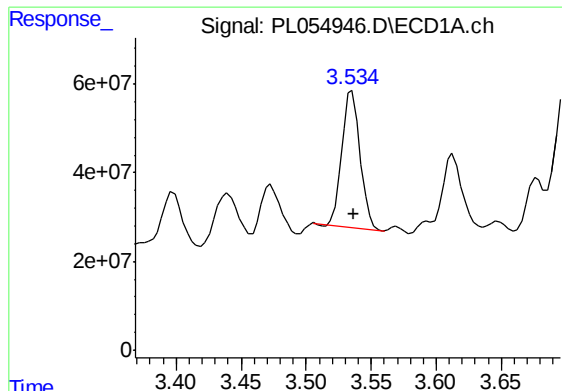
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121119\  
Data File : PL054946.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Dec 2019 18:04  
Operator : SG\AJ  
Sample : K6217-03  
Misc : 6083 METHOD  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
TI-633

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 12 04:00:46 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL112619.M  
Quant Title : GC Extractables  
QLast Update : Wed Nov 27 01:19:55 2019  
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

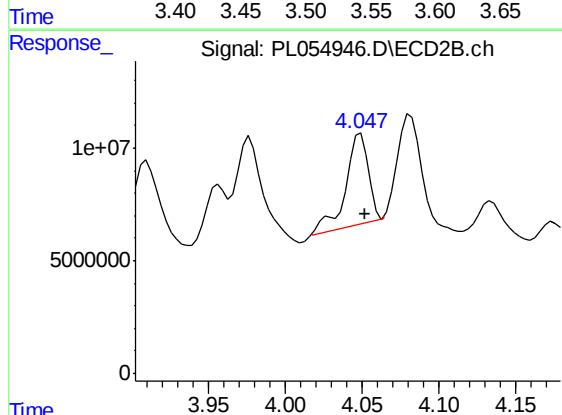




#1 Tetrachloro-m-xylene

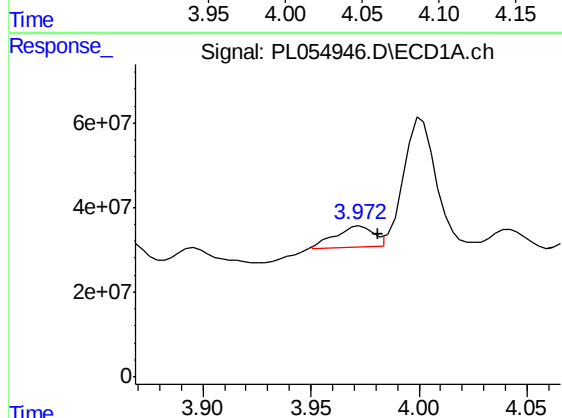
R.T.: 3.535 min  
Delta R.T.: -0.002 min  
Response: 300471419  
Conc: 25.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TI-633



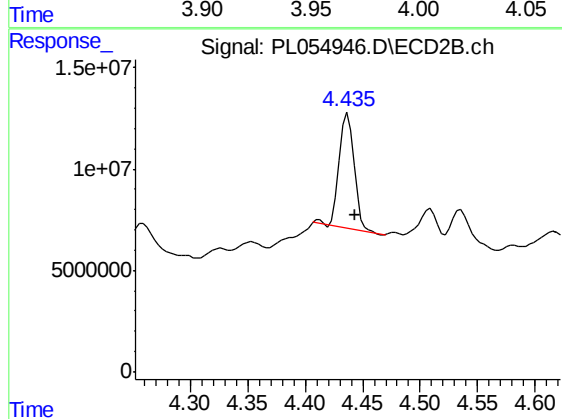
#1 Tetrachloro-m-xylene

R.T.: 4.049 min  
Delta R.T.: -0.003 min  
Response: 40974872  
Conc: 16.06 ng/ml



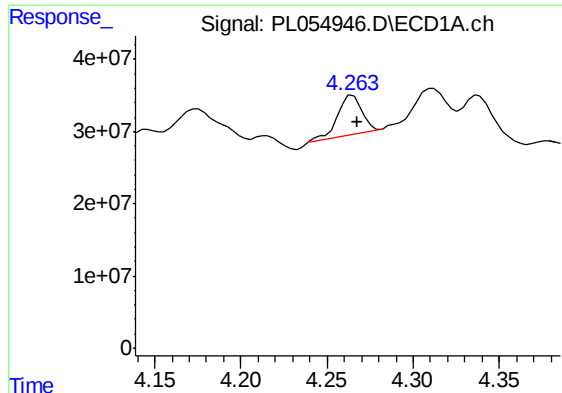
#2 alpha-BHC

R.T.: 3.973 min  
Delta R.T.: -0.008 min  
Response: 60082841  
Conc: 3.16 ng/ml



#2 alpha-BHC

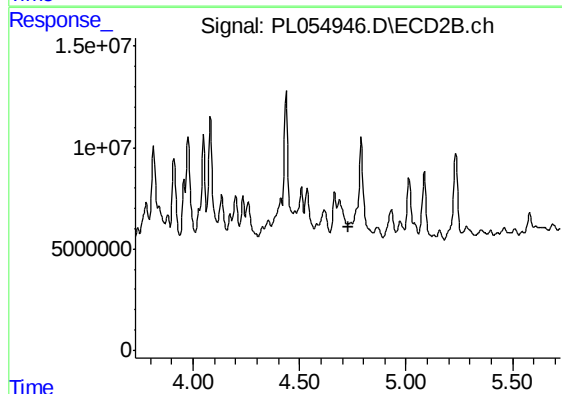
R.T.: 4.437 min  
Delta R.T.: -0.007 min  
Response: 52756884  
Conc: 14.89 ng/ml



#3 gamma-BHC (Lindane)

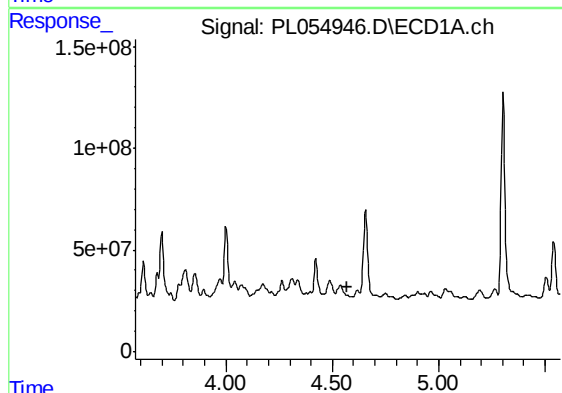
R.T.: 4.265 min  
Delta R.T.: -0.003 min  
Response: 53464010  
Conc: 3.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TI-633



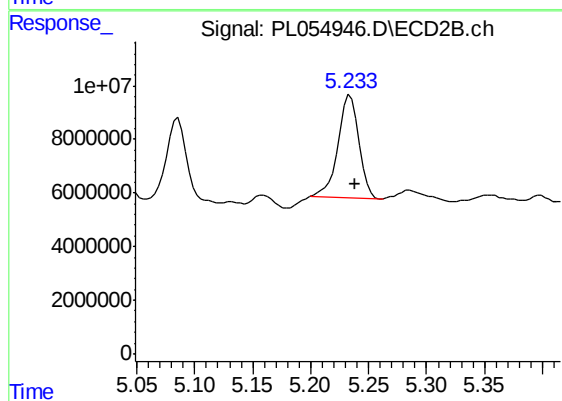
#3 gamma-BHC (Lindane)

R.T.: 0.000 min  
Exp R.T. : 4.729 min  
Response: 0  
Conc: N.D.



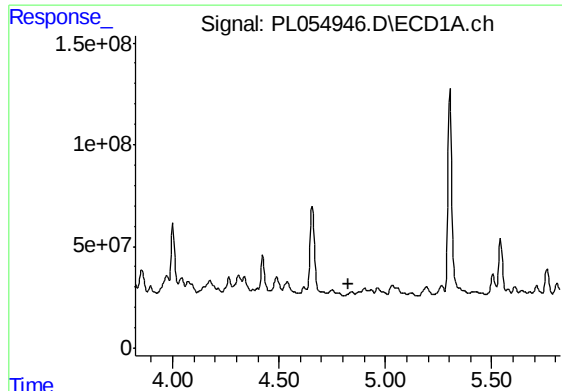
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T. : 4.574 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

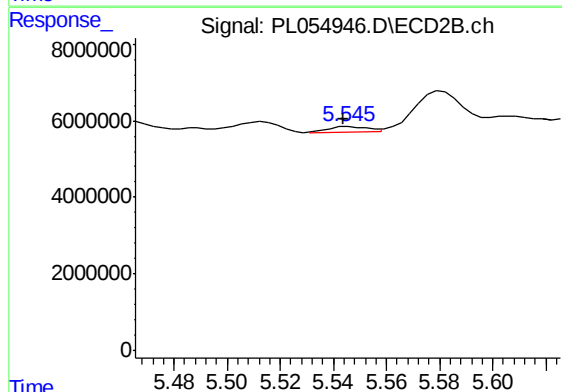
R.T.: 5.234 min  
Delta R.T.: -0.004 min  
Response: 48553277  
Conc: 16.09 ng/ml



#5 Aldrin

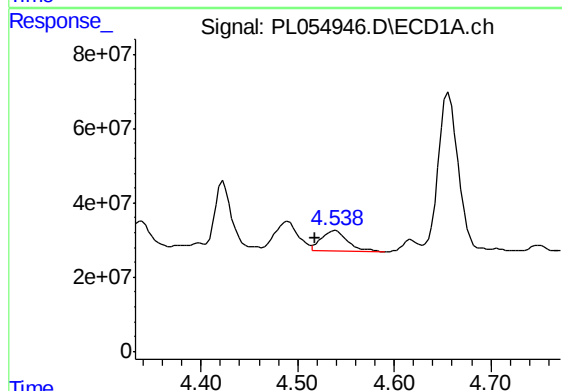
R.T.: 4.843 min  
Delta R.T.: 0.018 min  
Response: -876546  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
TI-633



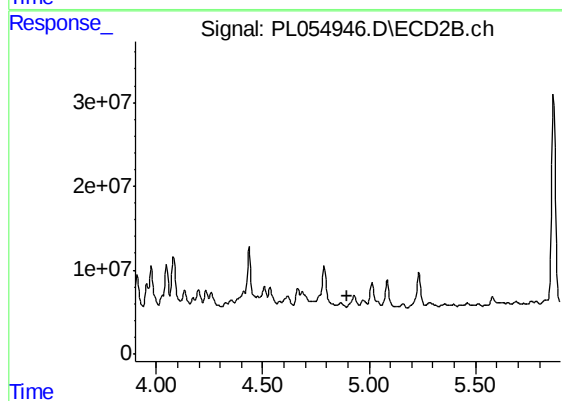
#5 Aldrin

R.T.: 5.546 min  
Delta R.T.: 0.002 min  
Response: 1523125  
Conc: 0.55 ng/ml



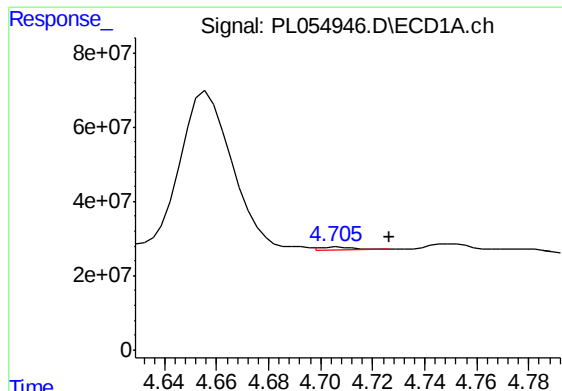
#6 beta-BHC

R.T.: 4.540 min  
Delta R.T.: 0.022 min  
Response: 101419337  
Conc: 13.67 ng/ml



#6 beta-BHC

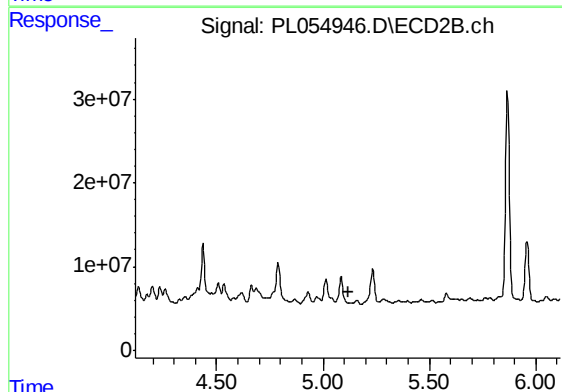
R.T.: 0.000 min  
Exp R.T. : 4.899 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

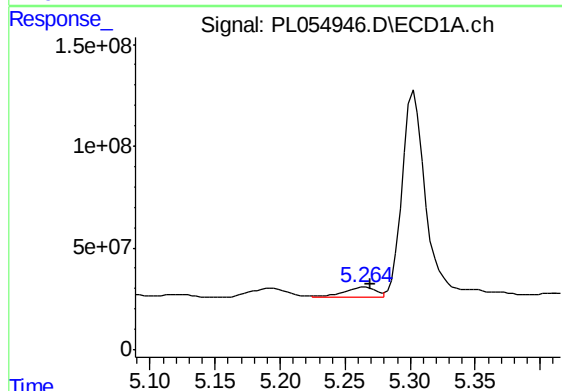
R.T.: 4.706 min  
Delta R.T.: -0.021 min  
Response: 7505957  
Conc: 0.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TI-633



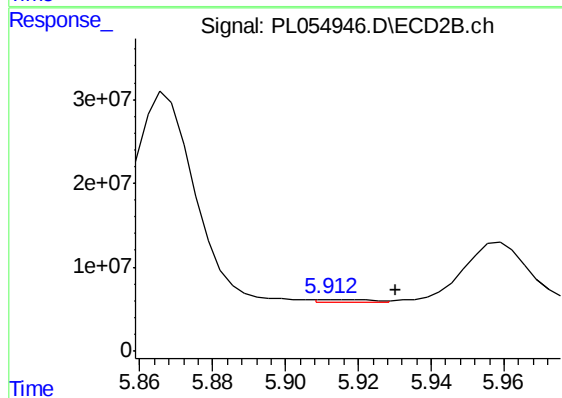
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T. : 5.117 min  
Response: 0  
Conc: N.D.



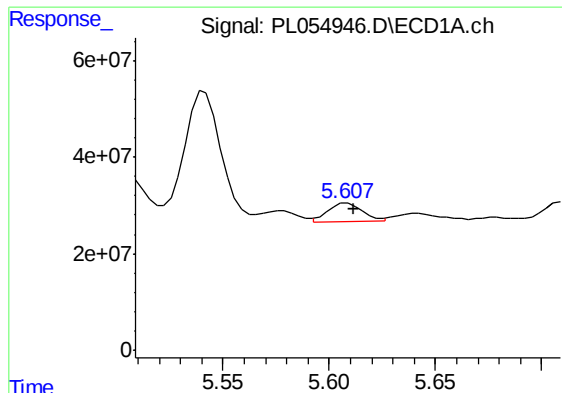
#8 Heptachlor epoxide

R.T.: 5.265 min  
Delta R.T.: -0.004 min  
Response: 78350170  
Conc: 5.18 ng/ml



#8 Heptachlor epoxide

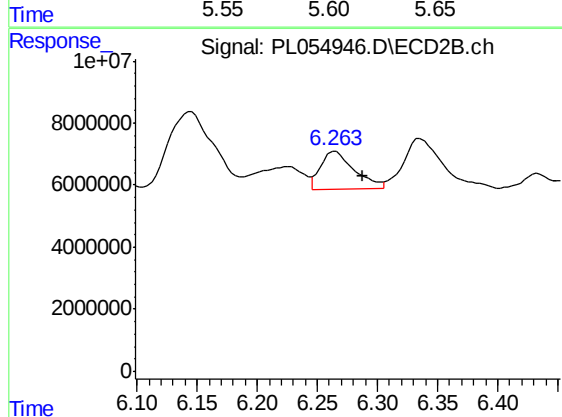
R.T.: 5.913 min  
Delta R.T.: -0.018 min  
Response: 3533123  
Conc: 1.41 ng/ml



#9 Endosulfan I

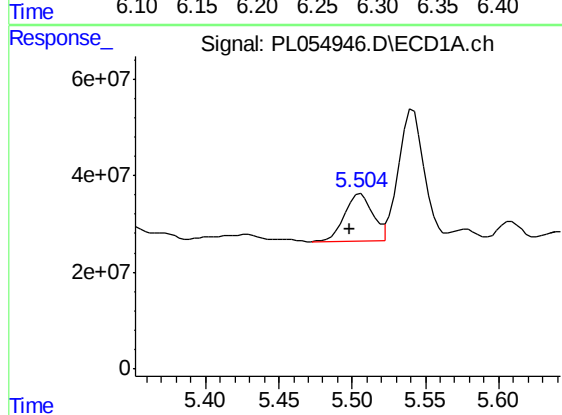
R.T.: 5.609 min  
Delta R.T.: -0.003 min  
Response: 42698380  
Conc: 3.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TI-633



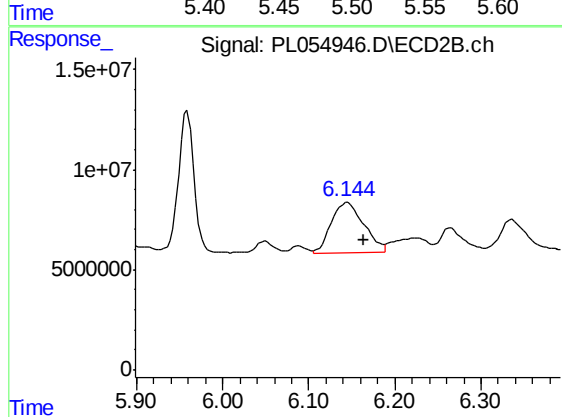
#9 Endosulfan I

R.T.: 6.265 min  
Delta R.T.: -0.023 min  
Response: 23739827  
Conc: 9.60 ng/ml



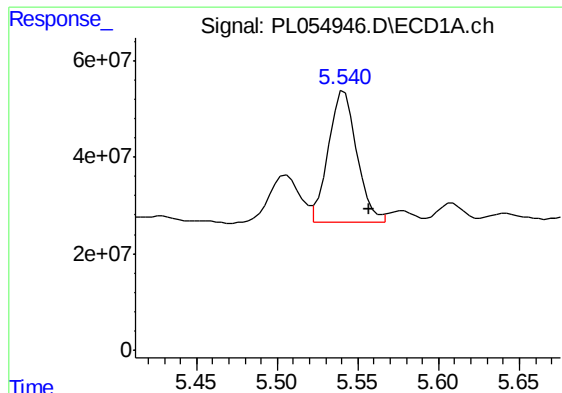
#10 gamma-Chlordane

R.T.: 5.506 min  
Delta R.T.: 0.007 min  
Response: 130391821  
Conc: 8.60 ng/ml



#10 gamma-Chlordane

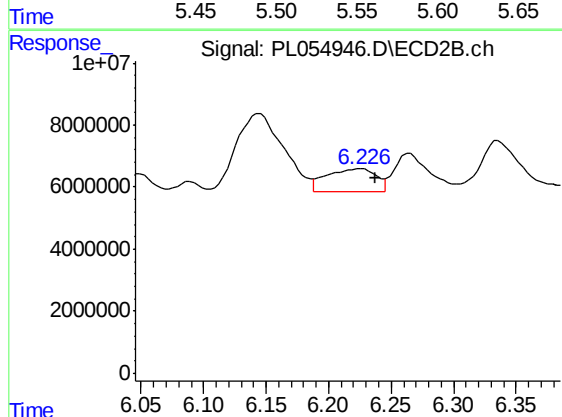
R.T.: 6.145 min  
Delta R.T.: -0.019 min  
Response: 66296218  
Conc: 25.17 ng/ml



#11 alpha-Chlordane

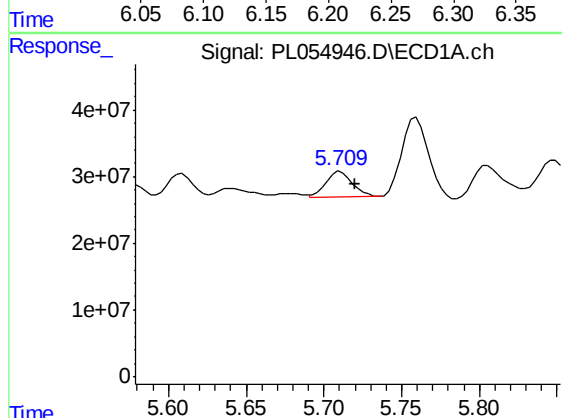
R.T.: 5.541 min  
Delta R.T.: -0.015 min  
Response: 336226419  
Conc: 22.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TI-633



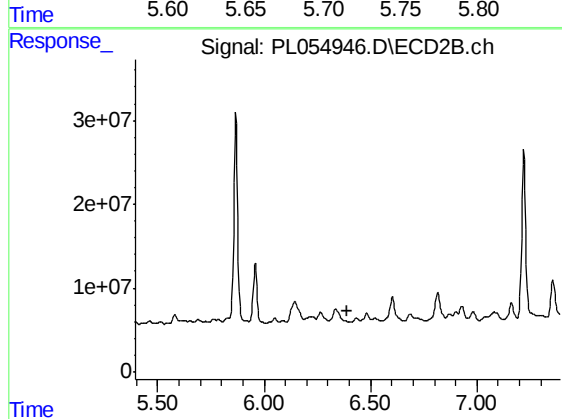
#11 alpha-Chlordane

R.T.: 6.227 min  
Delta R.T.: -0.010 min  
Response: 20128086  
Conc: 7.67 ng/ml



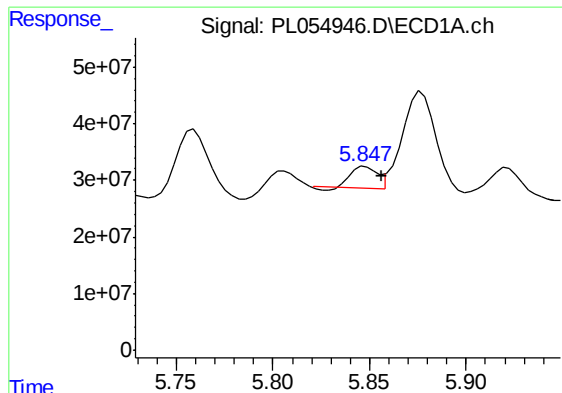
#12 4,4'-DDE

R.T.: 5.711 min  
Delta R.T.: -0.010 min  
Response: 45876935  
Conc: 3.45 ng/ml



#12 4,4'-DDE

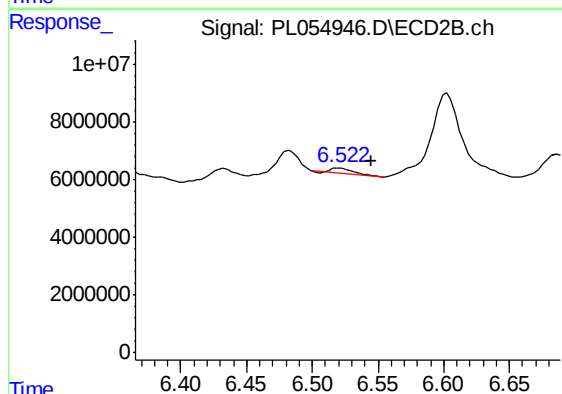
R.T.: 0.000 min  
Exp R.T. : 6.394 min  
Response: 0  
Conc: N.D.



#13 Diieldrin

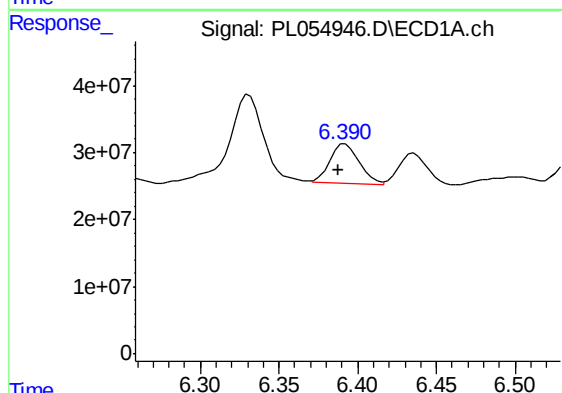
R.T.: 5.848 min  
Delta R.T.: -0.008 min  
Response: 34924636  
Conc: 2.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TI-633



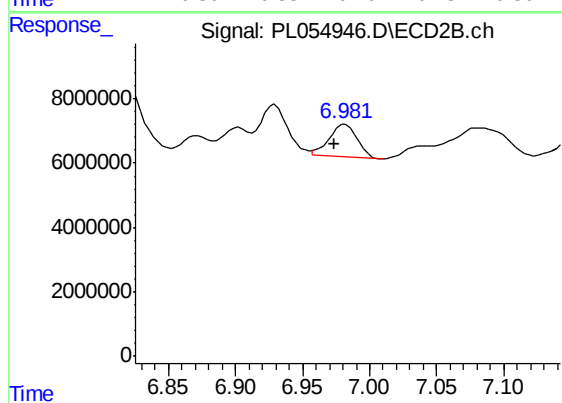
#13 Diieldrin

R.T.: 6.522 min  
Delta R.T.: -0.024 min  
Response: 2033021  
Conc: 0.80 ng/ml



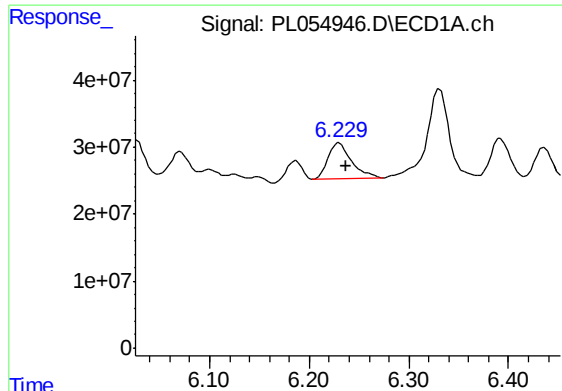
#15 Endosulfan II

R.T.: 6.392 min  
Delta R.T.: 0.004 min  
Response: 76599292  
Conc: 6.33 ng/ml



#15 Endosulfan II

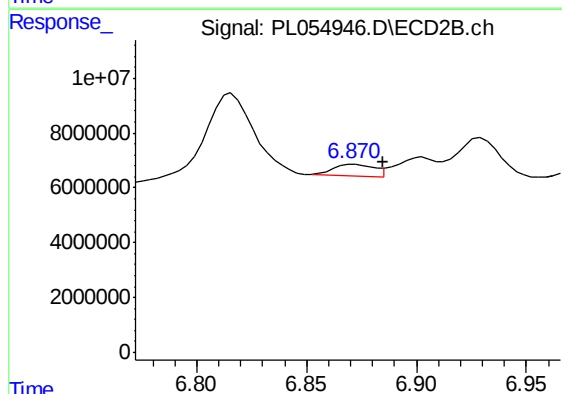
R.T.: 6.982 min  
Delta R.T.: 0.009 min  
Response: 15043714  
Conc: 6.40 ng/ml



#16 4,4'-DDD

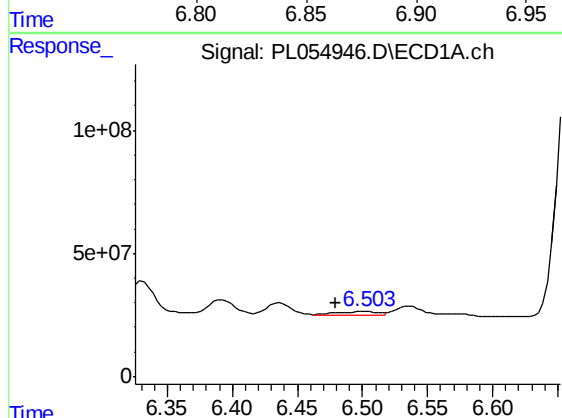
R.T.: 6.230 min  
Delta R.T.: -0.007 min  
Response: 85855970  
Conc: 8.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TI-633



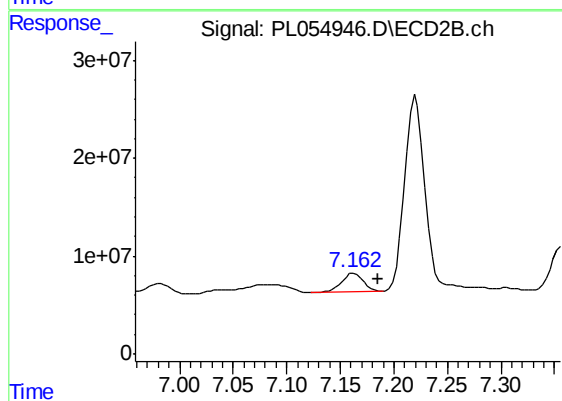
#16 4,4'-DDD

R.T.: 6.872 min  
Delta R.T.: -0.013 min  
Response: 5447883  
Conc: 2.84 ng/ml



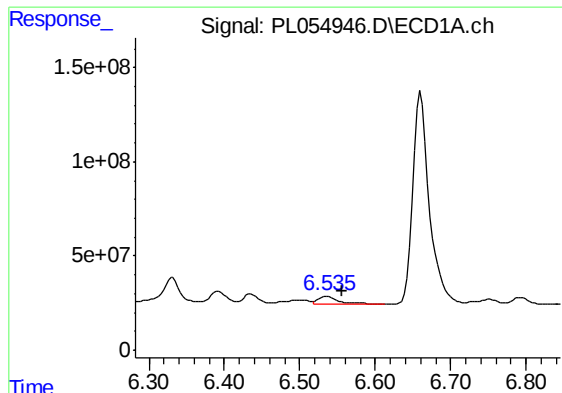
#17 4,4'-DDT

R.T.: 6.504 min  
Delta R.T.: 0.025 min  
Response: 35927303  
Conc: 3.43 ng/ml



#17 4,4'-DDT

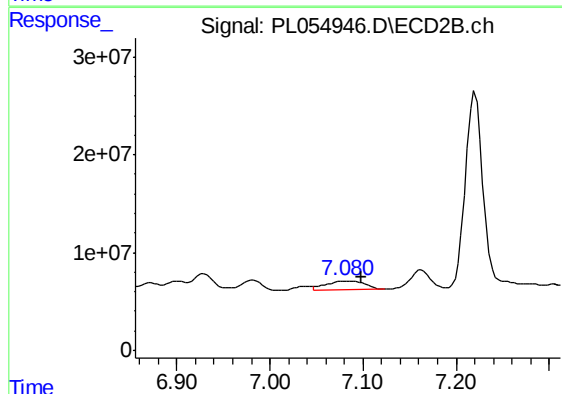
R.T.: 7.163 min  
Delta R.T.: -0.022 min  
Response: 27573738  
Conc: 13.92 ng/ml



#18 Endrin aldehyde

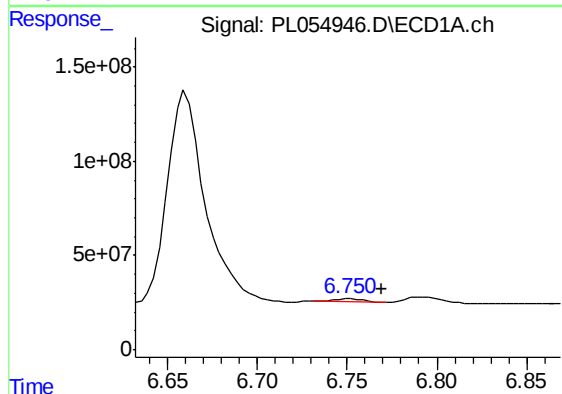
R.T.: 6.536 min  
Delta R.T.: -0.019 min  
Response: 76018673  
Conc: 7.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TI-633



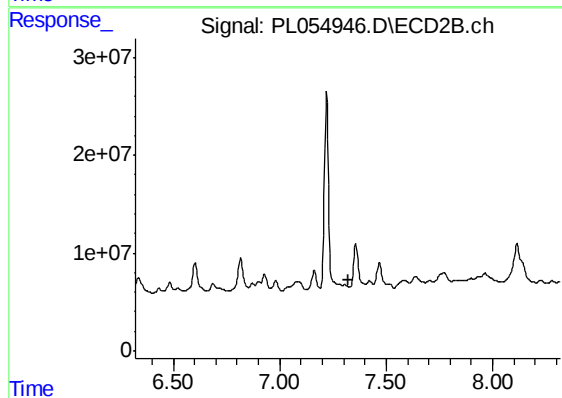
#18 Endrin aldehyde

R.T.: 7.082 min  
Delta R.T.: -0.016 min  
Response: 25700174  
Conc: 13.11 ng/ml



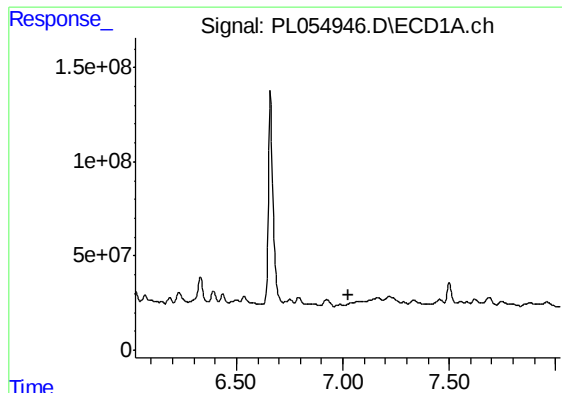
#19 Endosulfan Sulfate

R.T.: 6.751 min  
Delta R.T.: -0.018 min  
Response: 19213734  
Conc: 1.79 ng/ml



#19 Endosulfan Sulfate

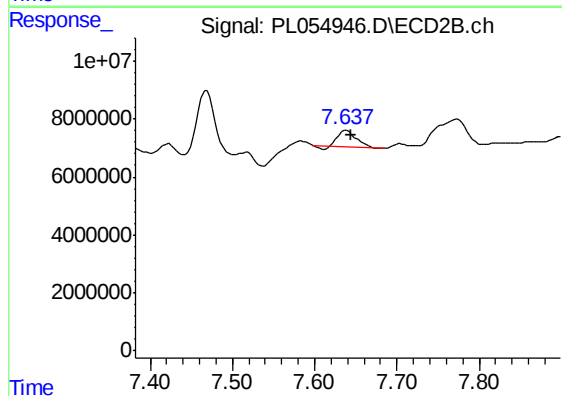
R.T.: 0.000 min  
Exp R.T. : 7.322 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

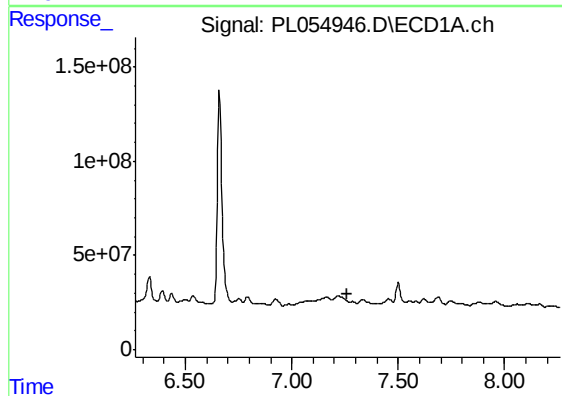
R.T.: 0.000 min  
Exp R.T.: 7.024 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
TI-633



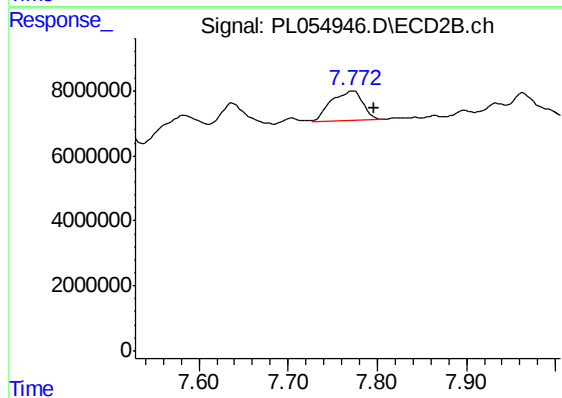
#20 Methoxychlor

R.T.: 7.638 min  
Delta R.T.: -0.006 min  
Response: 8592562  
Conc: 7.53 ng/ml



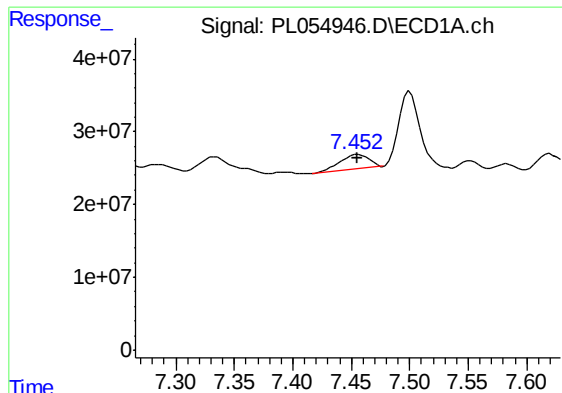
#21 Endrin ketone

R.T.: 7.285 min  
Delta R.T.: 0.022 min  
Response: -1279189  
Conc: N.D.



#21 Endrin ketone

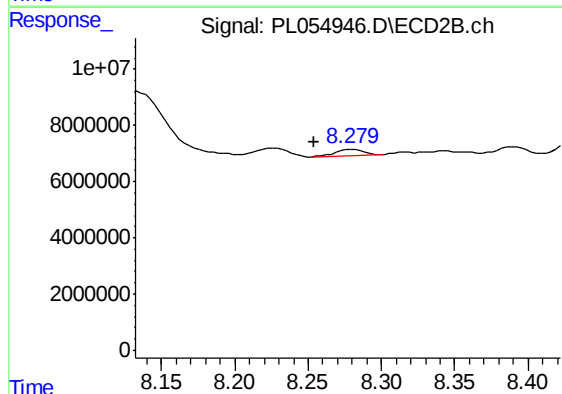
R.T.: 7.774 min  
Delta R.T.: -0.023 min  
Response: 23242976  
Conc: 10.33 ng/ml



#22 Mirex

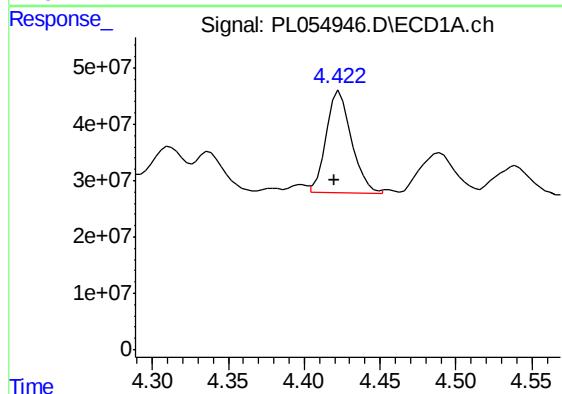
R.T.: 7.455 min  
Delta R.T.: 0.000 min  
Response: 34045546  
Conc: 4.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TI-633



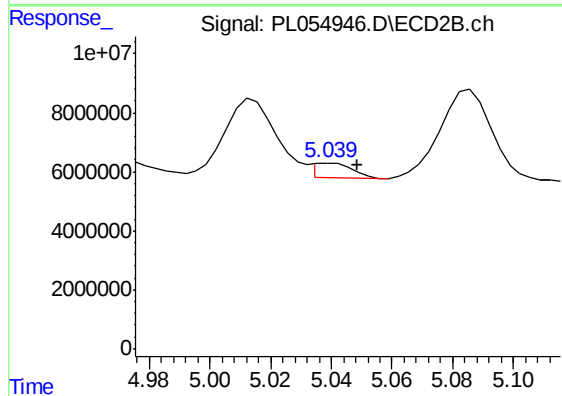
#22 Mirex

R.T.: 8.281 min  
Delta R.T.: 0.027 min  
Response: 2782268  
Conc: 1.61 ng/ml



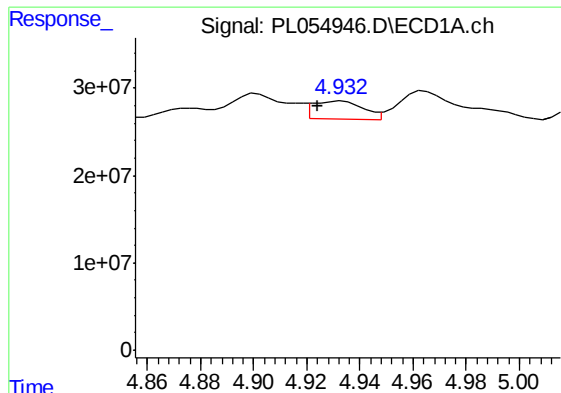
#23 Chlordane-1

R.T.: 4.423 min  
Delta R.T.: 0.004 min  
Response: 207053485  
Conc: 524.67 ng/ml



#23 Chlordane-1

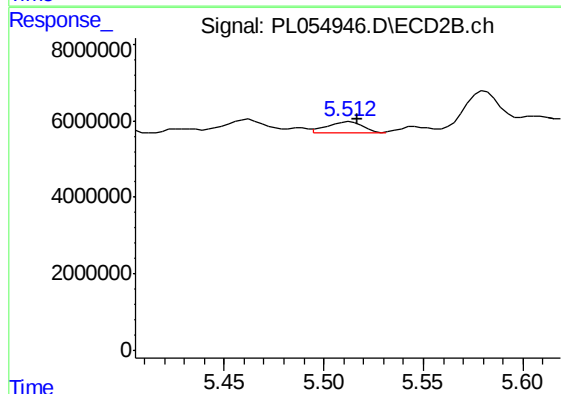
R.T.: 5.040 min  
Delta R.T.: -0.008 min  
Response: 4284522  
Conc: 53.75 ng/ml



#24 Chlordane-2

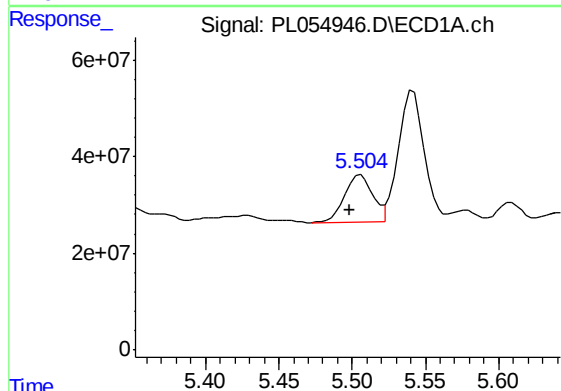
R.T.: 4.933 min  
Delta R.T.: 0.009 min  
Response: 27434384  
Conc: 63.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TI-633



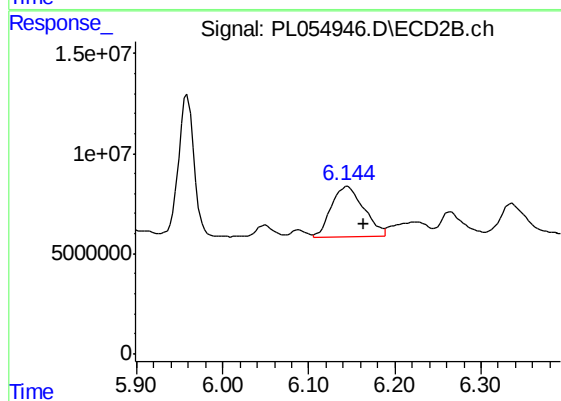
#24 Chlordane-2

R.T.: 5.513 min  
Delta R.T.: -0.004 min  
Response: 3505888  
Conc: 39.12 ng/ml



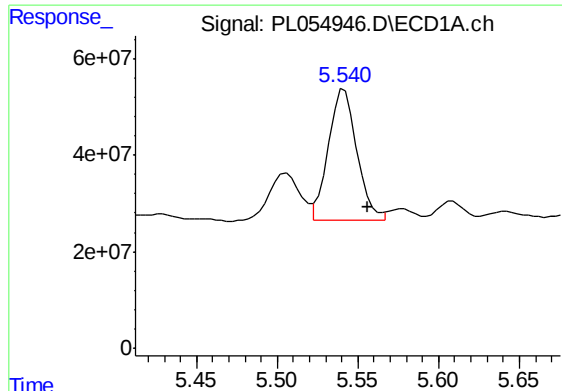
#25 Chlordane-3

R.T.: 5.506 min  
Delta R.T.: 0.007 min  
Response: 130391821  
Conc: 101.54 ng/ml



#25 Chlordane-3

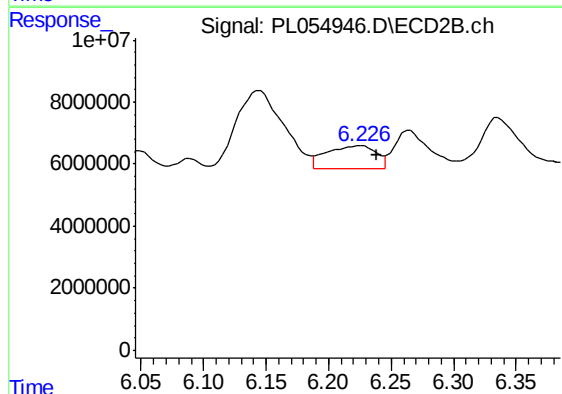
R.T.: 6.145 min  
Delta R.T.: -0.019 min  
Response: 66296218  
Conc: 213.58 ng/ml



#26 Chlordane-4

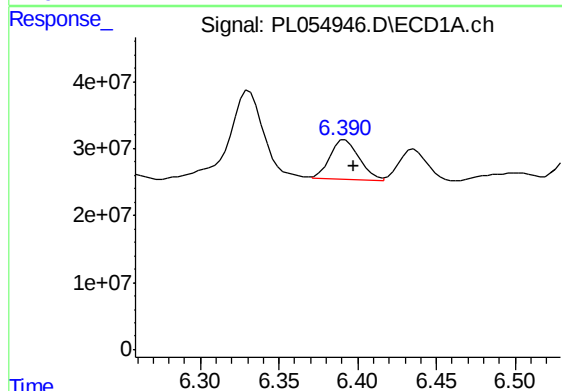
R.T.: 5.541 min  
Delta R.T.: -0.015 min  
Response: 336226419  
Conc: 318.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TI-633



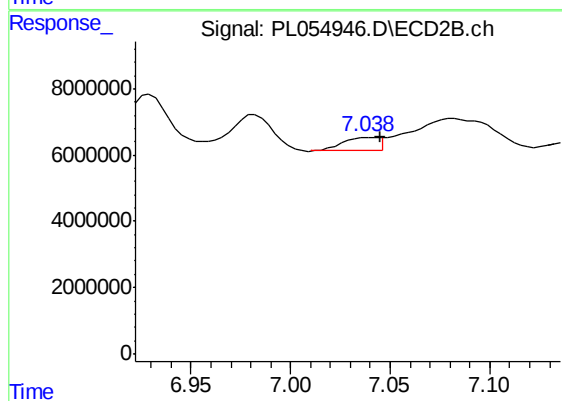
#26 Chlordane-4

R.T.: 6.227 min  
Delta R.T.: -0.011 min  
Response: 20128086  
Conc: 53.49 ng/ml



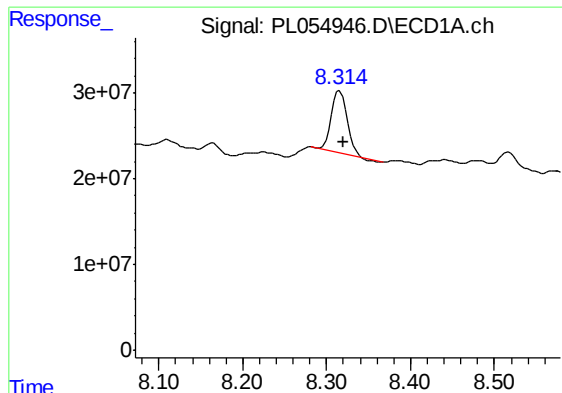
#27 Chlordane-5

R.T.: 6.392 min  
Delta R.T.: -0.005 min  
Response: 76599292  
Conc: 203.45 ng/ml



#27 Chlordane-5

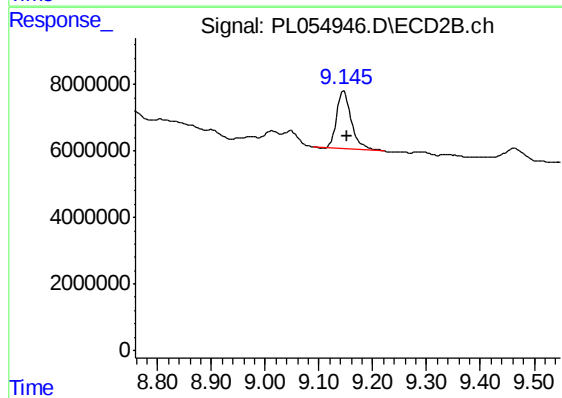
R.T.: 7.039 min  
Delta R.T.: -0.006 min  
Response: 4730665  
Conc: 70.17 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.316 min  
Delta R.T.: -0.004 min  
Response: 98117342  
Conc: 10.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TI-633



#28 Decachlorobiphenyl

R.T.: 9.146 min  
Delta R.T.: -0.006 min  
Response: 32663387  
Conc: 13.62 ng/ml