Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042924\
Data File : PL089252.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2024 16:15
Operator : AR\AJ
Sample : P2274-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :** ECD_L
**ClientSampleId :** VNJ-209

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 29 21:49:30 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042624.M
Quant Title : GC Extractables
QLast Update : Fri Apr 26 19:27:30 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 | 24184911 | 15876148 | 12.010 | 12.374 | |
| 28) | SA Decachlor... | 9.062 | 7.946 | 11529090 | 16166036 | 8.241 | 12.018 | # |
| | Target Compounds | | | | | | | |
| 2) | A alpha-BHC | 3.997 | 3.322f | 332196 | 220754 | 0.116 | 0.117 | |
| 3) | MA gamma-BHC... | 4.357f | 3.652f | 292930 | 57345 | 0.105 | 0.031 | # |
| 4) | MA Heptachlor | 4.919 | 3.974 | 923549 | 67765 | 0.372 | 0.039 | # |
| 5) | MB Aldrin | 0.000 | 4.264 | 0 | 147421 | N.D. | 0.083 | # |
| 6) | B beta-BHC | 4.503f | 3.946f | 1798759 | 149917 | 1.426 | 0.184 | # |
| 7) | B delta-BHC | 4.773 | 4.160 | 633513 | 33898 | 0.239 | 0.019 | # |
| 8) | B Heptachlo... | 5.691 | 4.768 | 529456 | 1139 | 0.226 | 0.001 | # |
| 9) | A Endosulfan I | 6.079 | 0.000 | 278494 | 0 | 0.130 | N.D. | # |
| 10) | B gamma-Chl... | 5.952 | 4.985f | 3811976 | 203144 | 1.668 | 0.124 | # |
| 11) | B alpha-Chl... | 6.035 | 5.071 | 9835215 | 1343038 | 4.324 | 0.814 | # |
| 12) | B 4,4'-DDE | 6.200 | 5.261 | 2450010 | 1911198 | 1.211 | 1.314 | |
| 13) | MA Dieldrin | 6.351 | 5.395 | 88749 | 701298 | 0.040 | 0.436 | # |
| 14) | MA Endrin | 6.581 | 5.681 | 131212 | 461886 | 0.069 | 0.321 | # |
| 15) | B Endosulfa... | 6.794 | 5.965 | 70032 | 604209 | 0.035 | 0.420 | # |
| 16) | A 4,4'-DDD | 6.727 | 5.816 | 1238118 | 219875 | 0.734 | 0.178 | # |
| 17) | MA 4,4'-DDT | 7.030 | 6.066 | 4740162 | 2466128 | 2.578 | 1.823 | # |
| 19) | B Endosulfa... | 7.173 | 6.363 | 164113 | 193087 | 0.091 | 0.139 | # |
| 20) | A Methoxychlor | 0.000 | 6.619f | 0 | 292245 | N.D. | 0.365 | # |
| 21) | B Endrin ke... | 7.625f | 0.000 | 8509687 | 0 | 4.251 | N.D. | # |
| 23) | Chlordane-1 | 0.000 | 3.801 | 0 | 662232 | N.D. | 13.460 | # |
| 24) | Chlordane-2 | 5.236 | 4.381 | 1442153 | 571734 | 13.722 | 8.987 | # |
| 25) | Chlordane-3 | 5.952 | 5.033f | 3811976 | 6088399 | 11.542 | 35.559 | # |
| 26) | Chlordane-4 | 6.035 | 5.071 | 9835215 | 1343038 | 24.128 | 8.350 | # |
| 27) | Chlordane-5 | 6.880 | 5.738 | 453013 | 714753 | 5.443 | 13.966 | # |

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

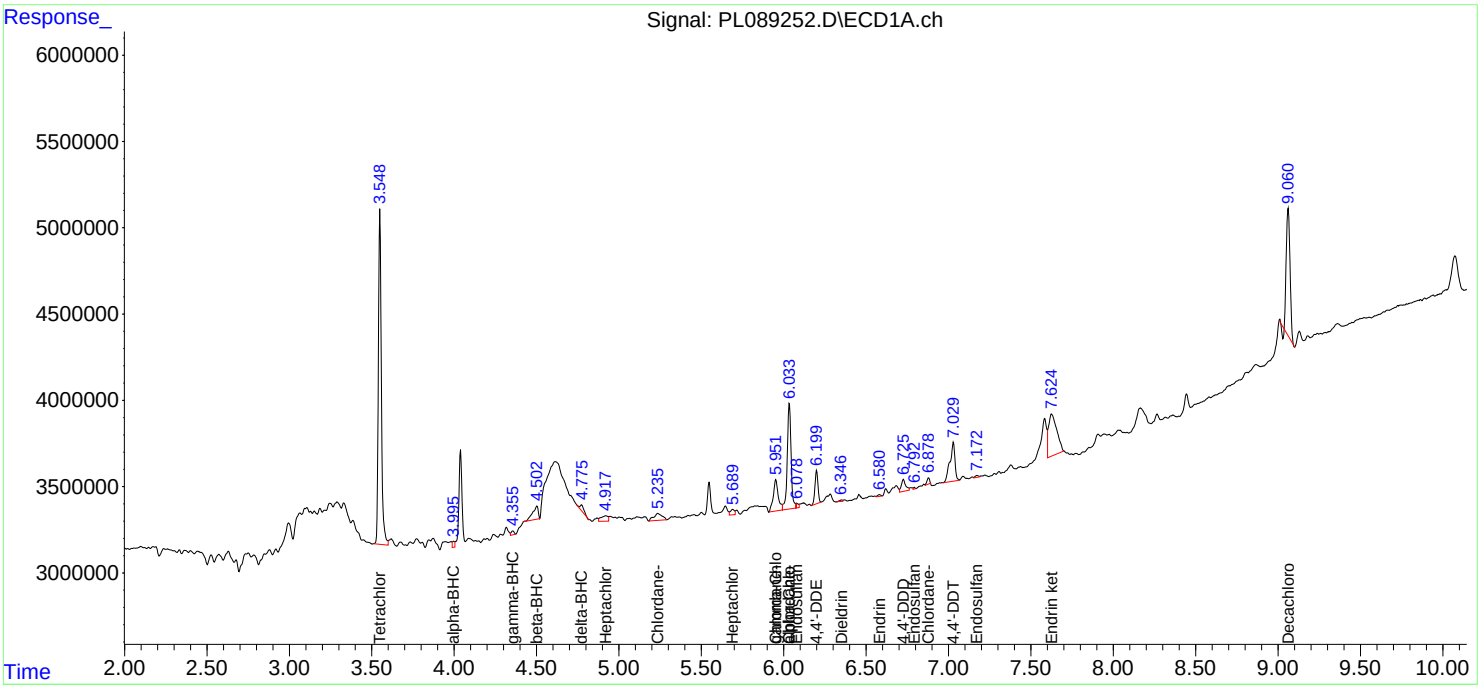
Quantitation Report (Not Reviewed)

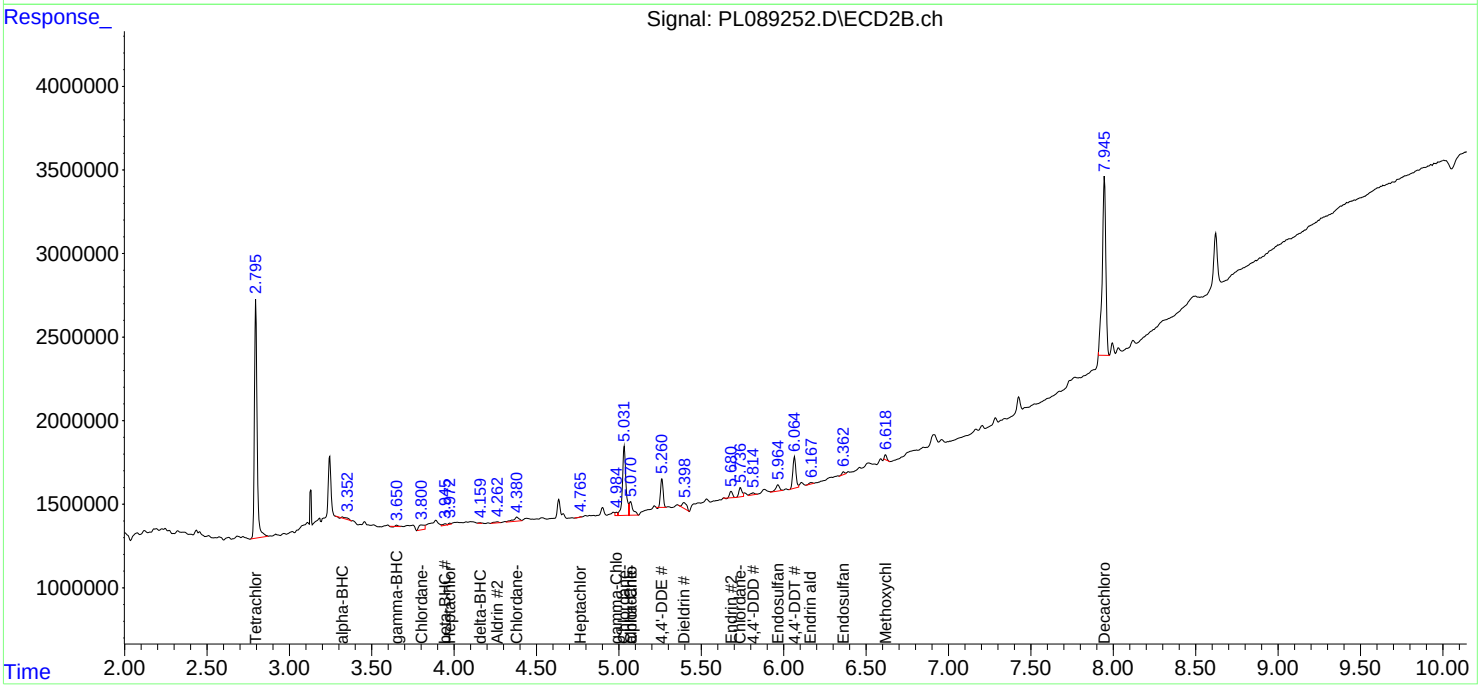
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042924\
Data File : PL089252.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2024 16:15
Operator : AR\AJ
Sample : P2274-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

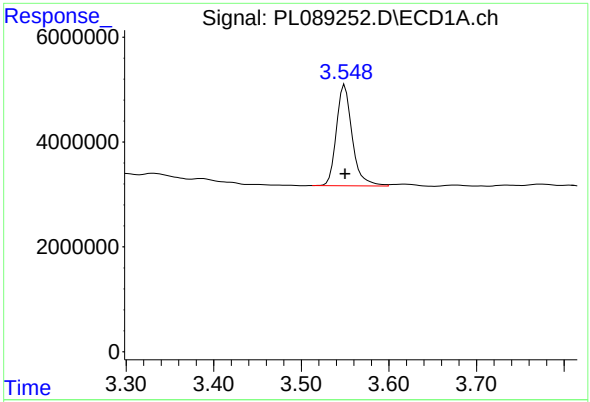
**Instrument :**
ECD_L
**ClientSampleId :**
VNJ-209

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 29 21:49:30 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042624.M
Quant Title : GC Extractables
QLast Update : Fri Apr 26 19:27:30 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



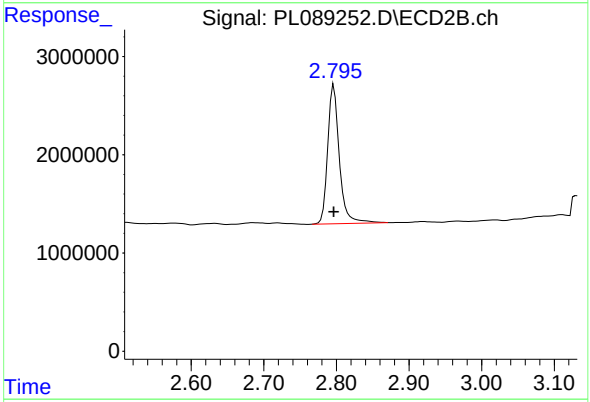






#1 Tetrachloro-m-xylene

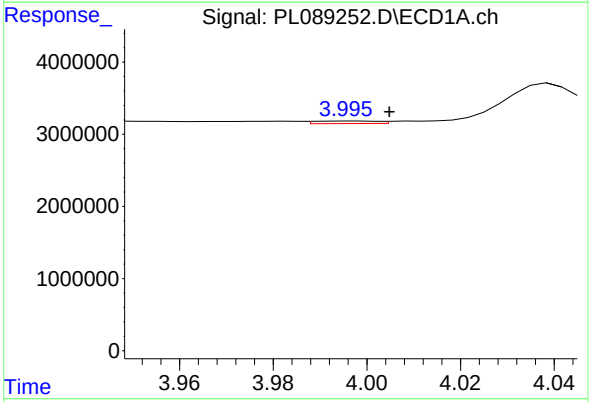
R.T.: 3.550 min
Delta R.T.: 0.000 min
Response: 24184911
Conc: 12.01 ng/ml

**Instrument :**
ECD_L
**ClientSampleId :**
VNJ-209



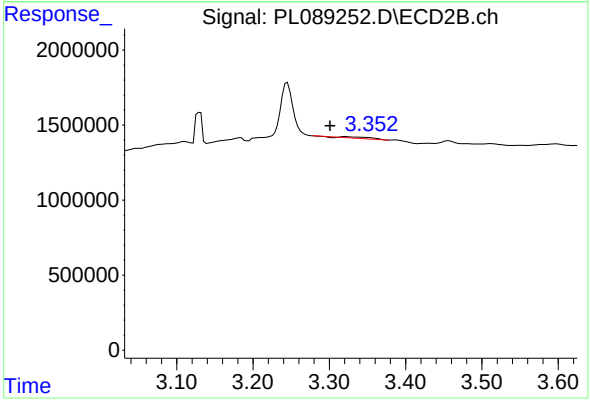

#1 Tetrachloro-m-xylene

R.T.: 2.797 min
Delta R.T.: 0.000 min
Response: 15876148
Conc: 12.37 ng/ml



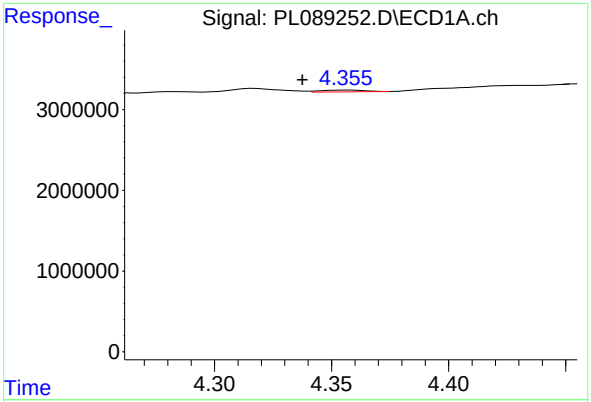

#2 alpha-BHC

R.T.: 3.997 min
Delta R.T.: -0.008 min
Response: 332196
Conc: 0.12 ng/ml




#2 alpha-BHC

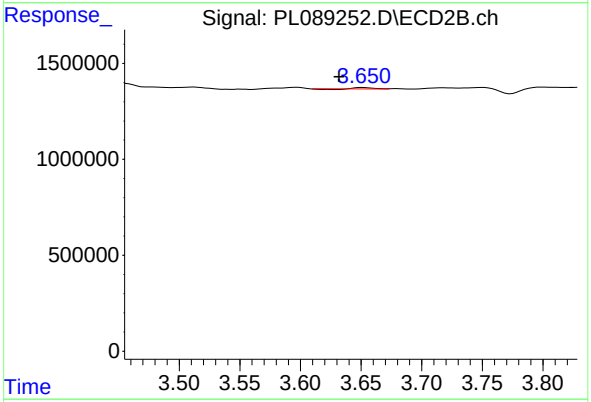
R.T.: 3.322 min
Delta R.T.: 0.020 min
Response: 220754
Conc: 0.12 ng/ml




#3 gamma-BHC (Lindane)

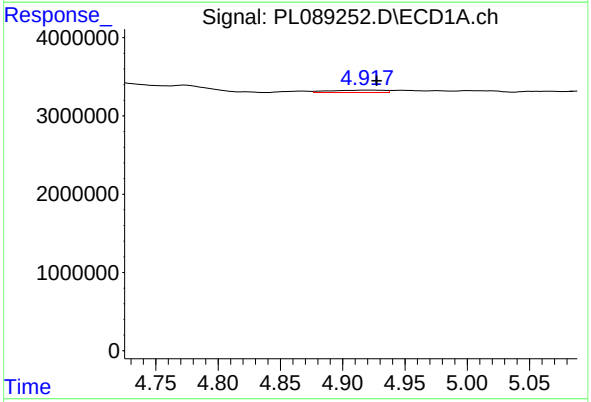
R.T.: 4.357 min
Delta R.T.: 0.019 min
Response: 292930
Conc: 0.11 ng/ml

**Instrument :**
ECD_L
**ClientSampleId :**
VNJ-209



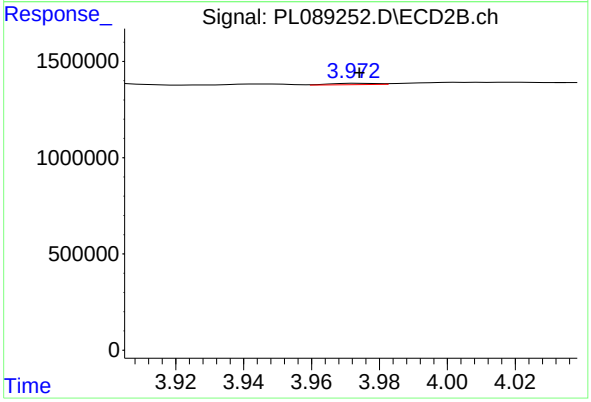

#3 gamma-BHC (Lindane)

R.T.: 3.652 min
Delta R.T.: 0.020 min
Response: 57345
Conc: 0.03 ng/ml



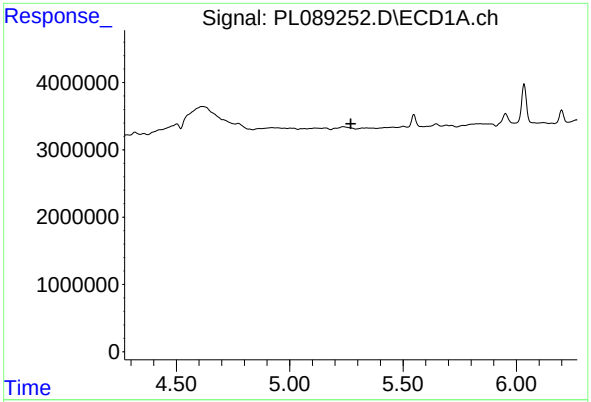

#4 Heptachlor

R.T.: 4.919 min
Delta R.T.: -0.008 min
Response: 923549
Conc: 0.37 ng/ml




#4 Heptachlor

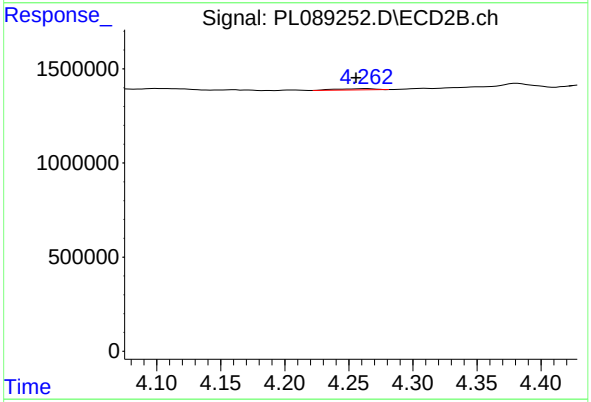
R.T.: 3.974 min
Delta R.T.: 0.000 min
Response: 67765
Conc: 0.04 ng/ml




#5 Aldrin

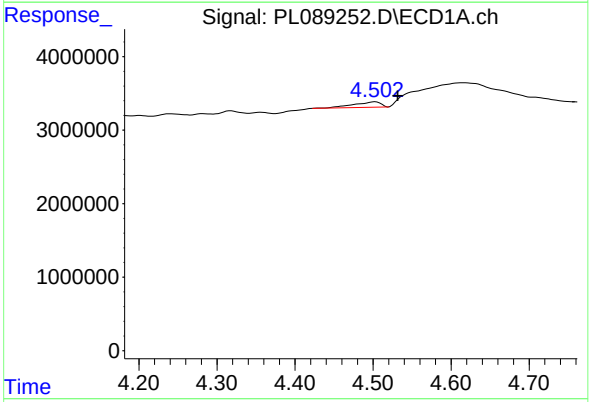
R.T.: 0.000 min
Exp R.T. : 5.269 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_L
**ClientSampleId :**
VNJ-209



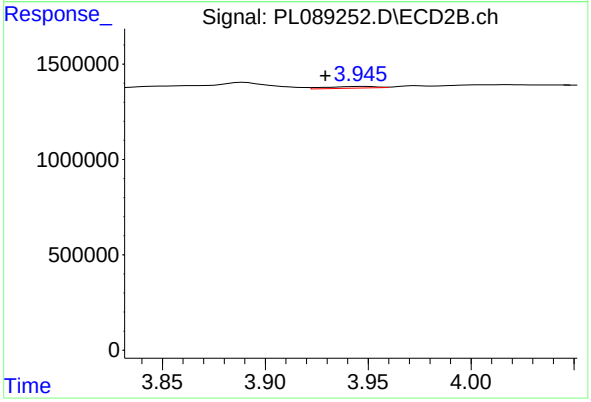

#5 Aldrin

R.T.: 4.264 min
Delta R.T.: 0.009 min
Response: 147421
Conc: 0.08 ng/ml



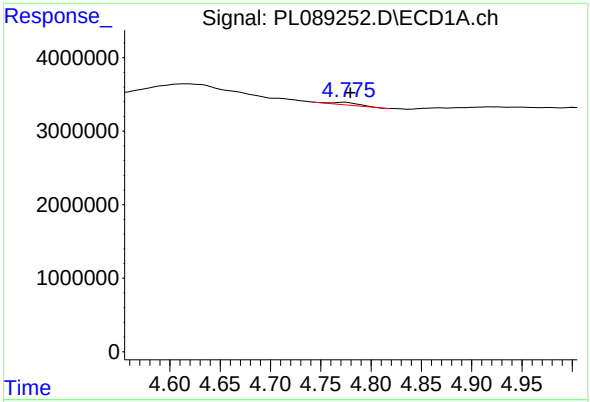

#6 beta-BHC

R.T.: 4.503 min
Delta R.T.: -0.029 min
Response: 1798759
Conc: 1.43 ng/ml




#6 beta-BHC

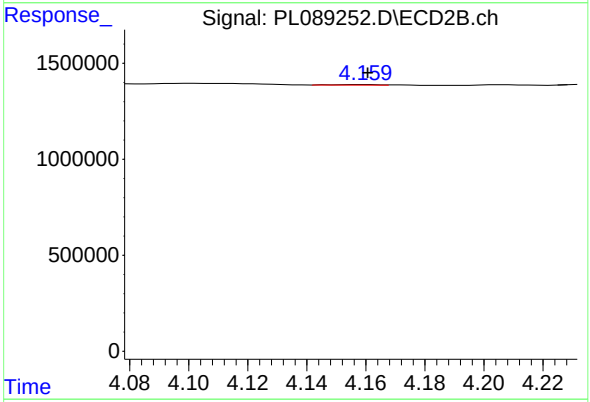
R.T.: 3.946 min
Delta R.T.: 0.017 min
Response: 149917
Conc: 0.18 ng/ml




#7 delta-BHC

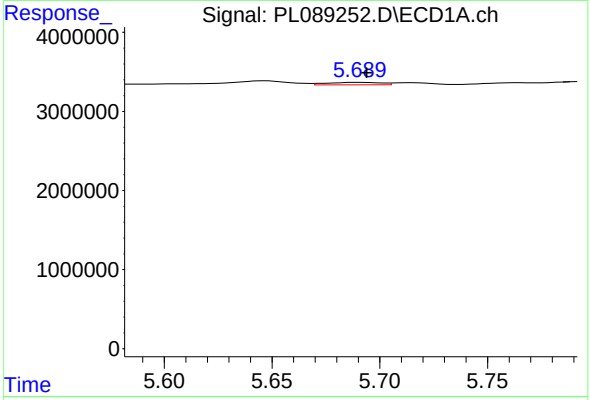
R.T.: 4.773 min
Delta R.T.: -0.006 min
Response: 633513
Conc: 0.24 ng/ml

**Instrument :**
ECD_L
**ClientSampleId :**
VNJ-209



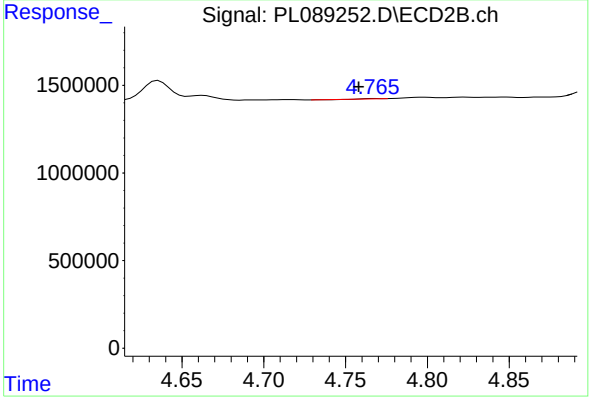

#7 delta-BHC

R.T.: 4.160 min
Delta R.T.: 0.000 min
Response: 33898
Conc: 0.02 ng/ml



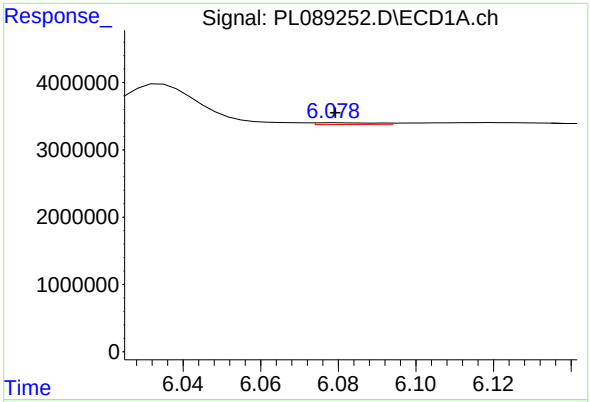

#8 Heptachlor epoxide

R.T.: 5.691 min
Delta R.T.: -0.003 min
Response: 529456
Conc: 0.23 ng/ml




#8 Heptachlor epoxide

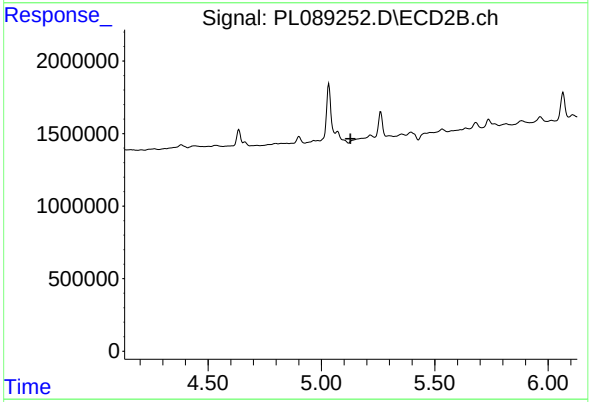
R.T.: 4.768 min
Delta R.T.: 0.010 min
Response: 1139
Conc: 0.00 ng/ml




#9 Endosulfan I

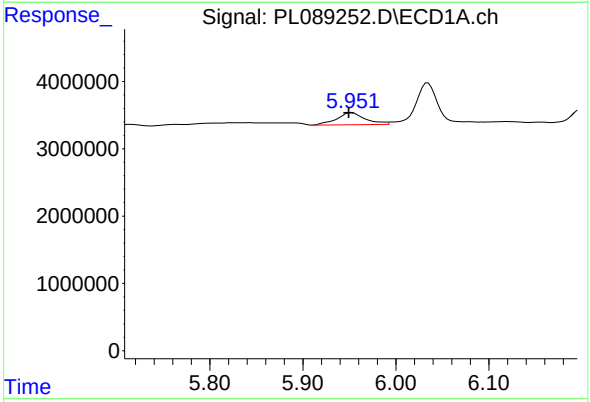
R.T.: 6.079 min
Delta R.T.: 0.000 min
Response: 278494
Conc: 0.13 ng/ml

**Instrument :**
ECD_L
**ClientSampleId :**
VNJ-209



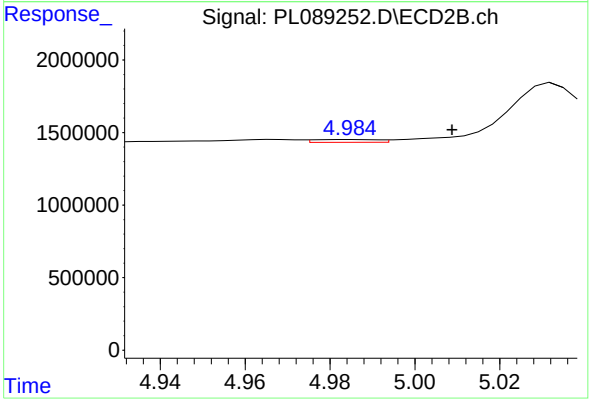

#9 Endosulfan I

R.T.: 0.000 min
Exp R.T. : 5.129 min
Response: 0
Conc: N.D.



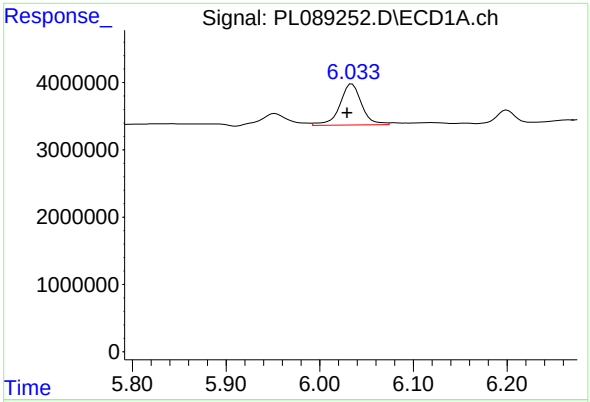

#10 gamma-Chlordane

R.T.: 5.952 min
Delta R.T.: 0.003 min
Response: 3811976
Conc: 1.67 ng/ml




#10 gamma-Chlordane

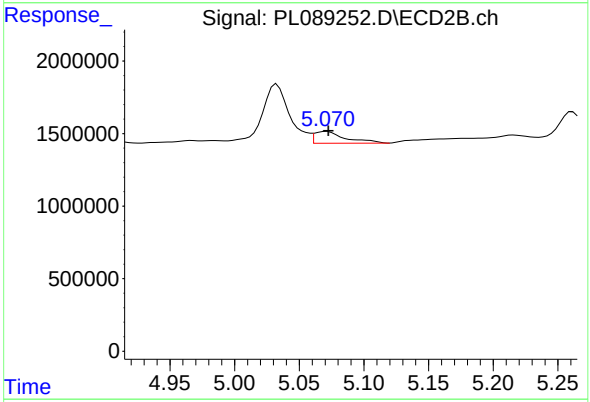
R.T.: 4.985 min
Delta R.T.: -0.024 min
Response: 203144
Conc: 0.12 ng/ml




#11 alpha-Chlordane

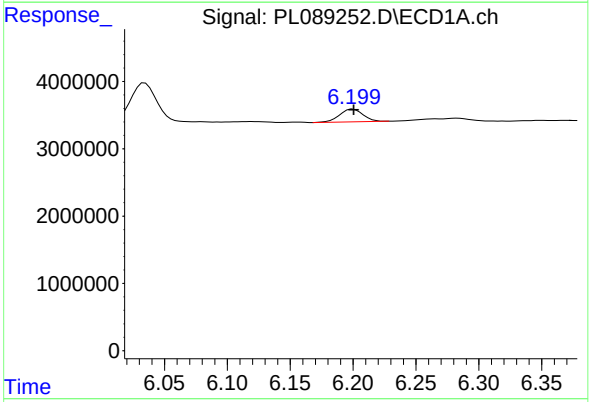
R.T.: 6.035 min
Delta R.T.: 0.005 min
Response: 9835215
Conc: 4.32 ng/ml

**Instrument :**
ECD_L
**ClientSampleId :**
VNJ-209



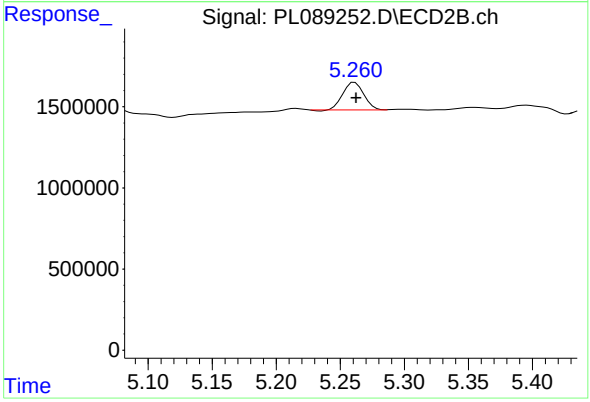

#11 alpha-Chlordane

R.T.: 5.071 min
Delta R.T.: -0.001 min
Response: 1343038
Conc: 0.81 ng/ml



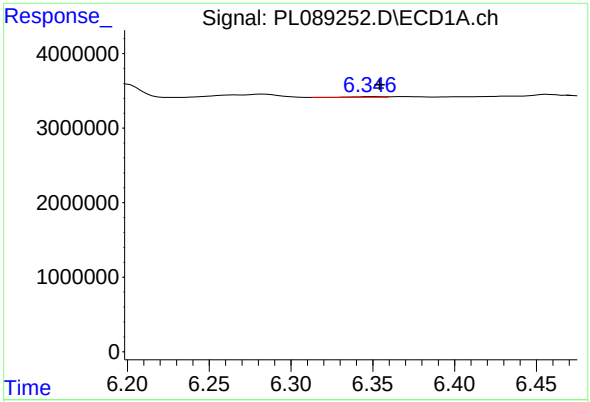

#12 4,4'-DDE

R.T.: 6.200 min
Delta R.T.: 0.000 min
Response: 2450010
Conc: 1.21 ng/ml




#12 4,4'-DDE

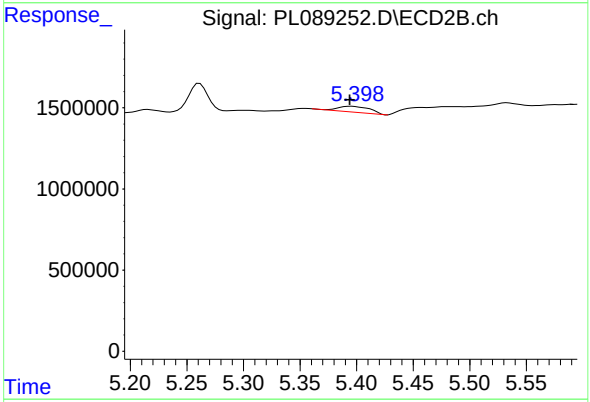
R.T.: 5.261 min
Delta R.T.: 0.000 min
Response: 1911198
Conc: 1.31 ng/ml




#13 Dieldrin

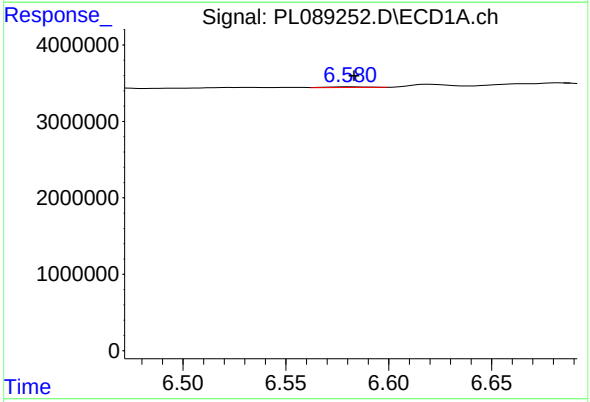
R.T.: 6.351 min
Delta R.T.: -0.003 min
Response: 88749
Conc: 0.04 ng/ml

**Instrument :**
ECD_L
**ClientSampleId :**
VNJ-209



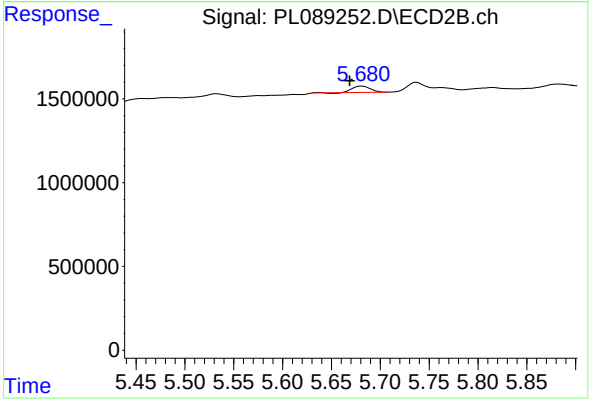

#13 Dieldrin

R.T.: 5.395 min
Delta R.T.: 0.001 min
Response: 701298
Conc: 0.44 ng/ml



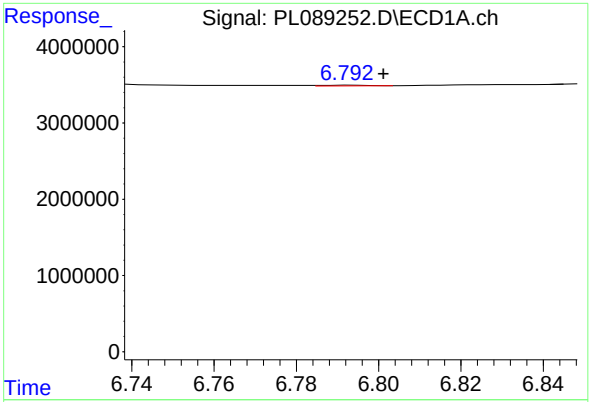

#14 Endrin

R.T.: 6.581 min
Delta R.T.: -0.002 min
Response: 131212
Conc: 0.07 ng/ml




#14 Endrin

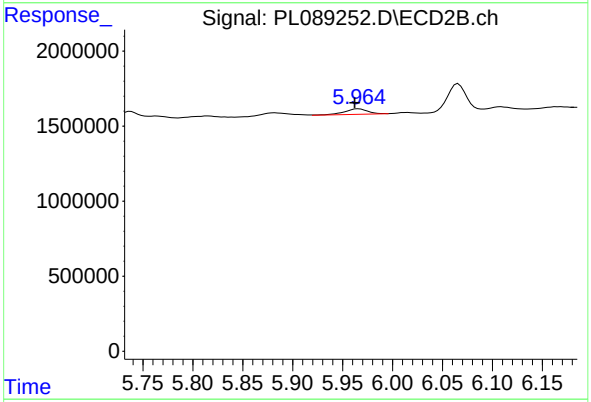
R.T.: 5.681 min
Delta R.T.: 0.013 min
Response: 461886
Conc: 0.32 ng/ml




#15 Endosulfan II

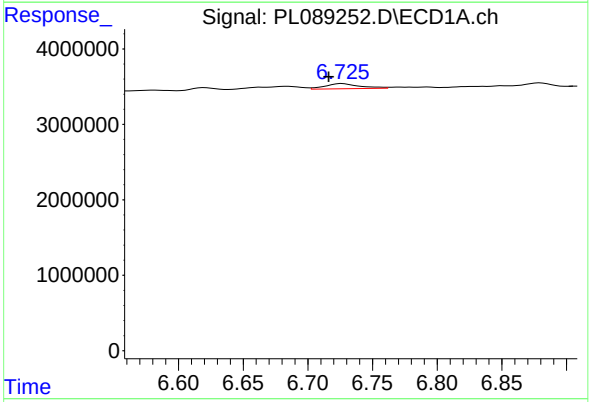
R.T.: 6.794 min
Delta R.T.: -0.008 min
Response: 70032
Conc: 0.04 ng/ml

**Instrument :**
ECD_L
**ClientSampleId :**
VNJ-209



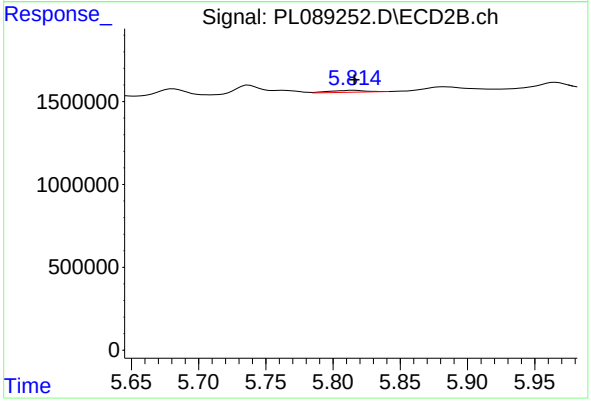

#15 Endosulfan II

R.T.: 5.965 min
Delta R.T.: 0.003 min
Response: 604209
Conc: 0.42 ng/ml



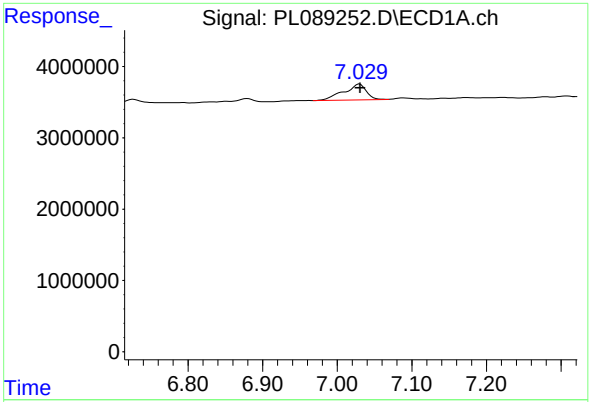

#16 4,4'-DDD

R.T.: 6.727 min
Delta R.T.: 0.011 min
Response: 1238118
Conc: 0.73 ng/ml




#16 4,4'-DDD

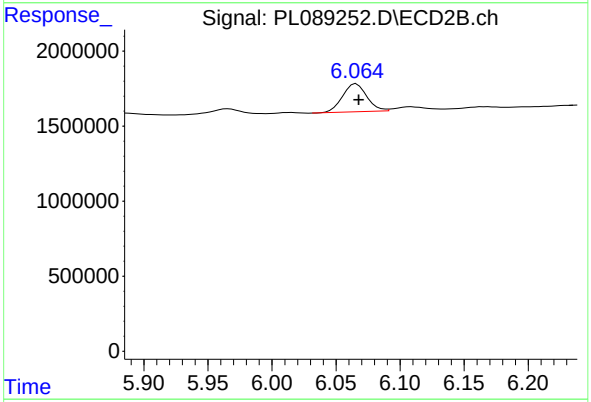
R.T.: 5.816 min
Delta R.T.: 0.000 min
Response: 219875
Conc: 0.18 ng/ml




#17 4,4'-DDT

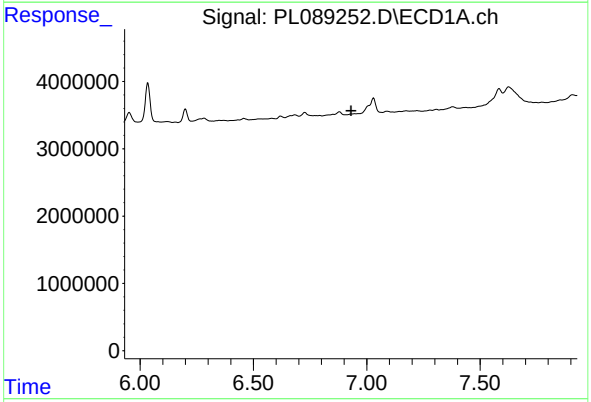
R.T.: 7.030 min
Delta R.T.: 0.000 min
Response: 4740162
Conc: 2.58 ng/ml

**Instrument :**
ECD_L
**ClientSampleId :**
VNJ-209



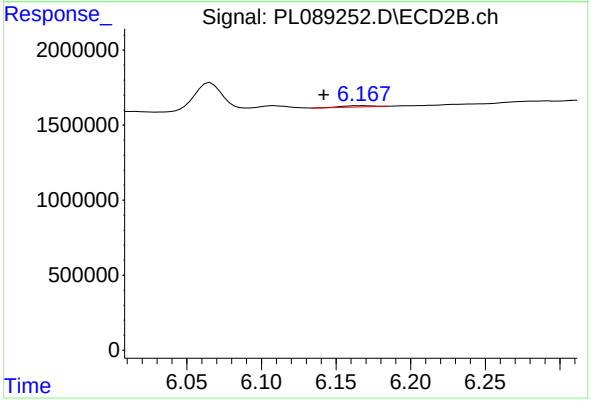

#17 4,4'-DDT

R.T.: 6.066 min
Delta R.T.: -0.002 min
Response: 2466128
Conc: 1.82 ng/ml



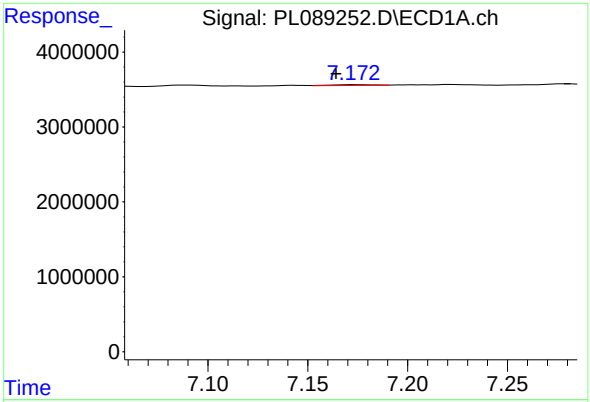

#18 Endrin aldehyde

R.T.: 6.947 min
Delta R.T.: 0.016 min
Response: -259859
Conc: N.D.




#18 Endrin aldehyde

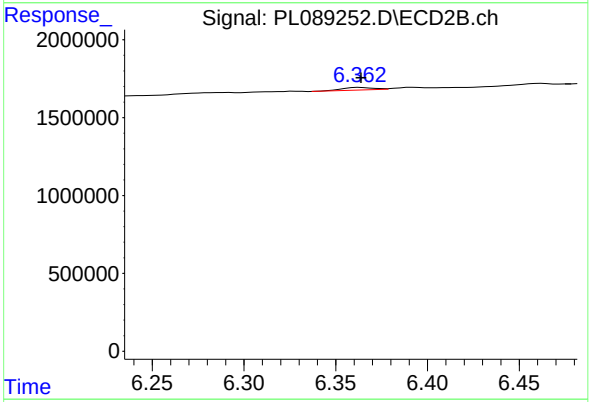
R.T.: 6.166 min
Delta R.T.: 0.024 min
Response: 128214
Conc: 0.12 ng/ml




#19 Endosulfan Sulfate

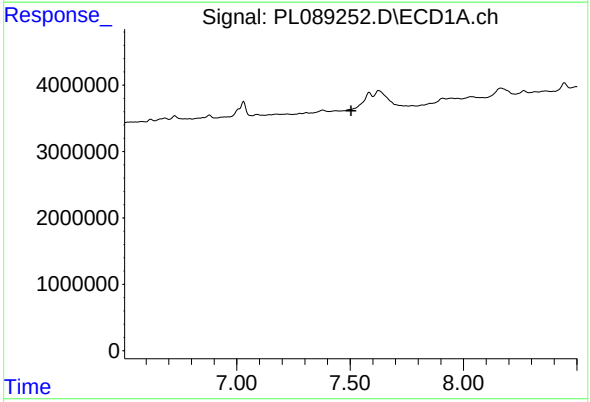
R.T.: 7.173 min
Delta R.T.: 0.009 min
Response: 164113
Conc: 0.09 ng/ml

**Instrument :**
ECD_L
**ClientSampleId :**
VNJ-209



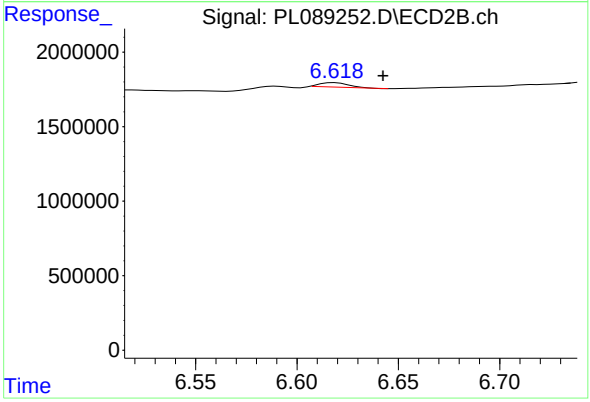

#19 Endosulfan Sulfate

R.T.: 6.363 min
Delta R.T.: 0.000 min
Response: 193087
Conc: 0.14 ng/ml



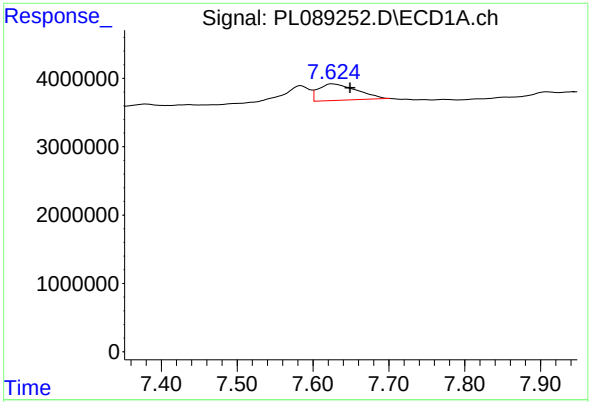

#20 Methoxychlor

R.T.: 0.000 min
Exp R.T. : 7.505 min
Response: 0
Conc: N.D.




#20 Methoxychlor

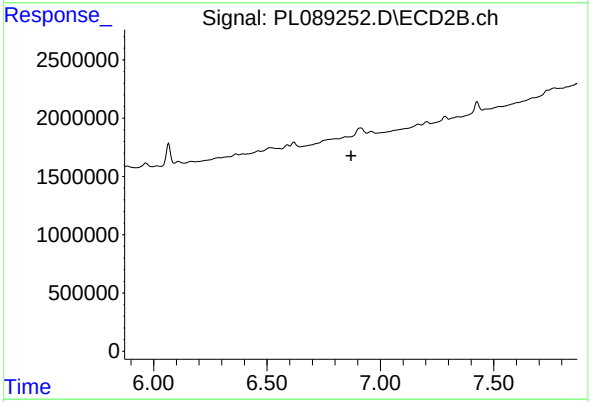
R.T.: 6.619 min
Delta R.T.: -0.024 min
Response: 292245
Conc: 0.37 ng/ml




#21 Endrin ketone

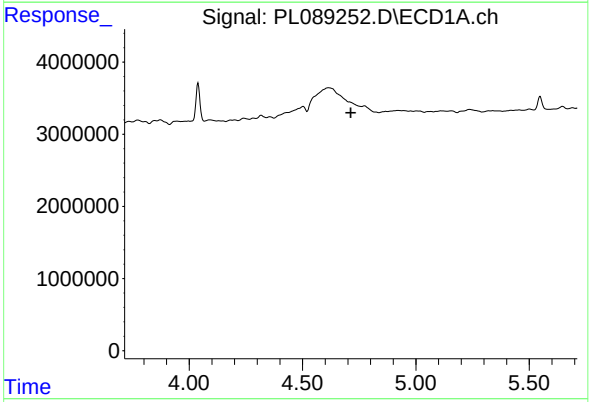
R.T.: 7.625 min
Delta R.T.: -0.024 min
Response: 8509687
Conc: 4.25 ng/ml

**Instrument :**
ECD_L
**ClientSampleId :**
VNJ-209



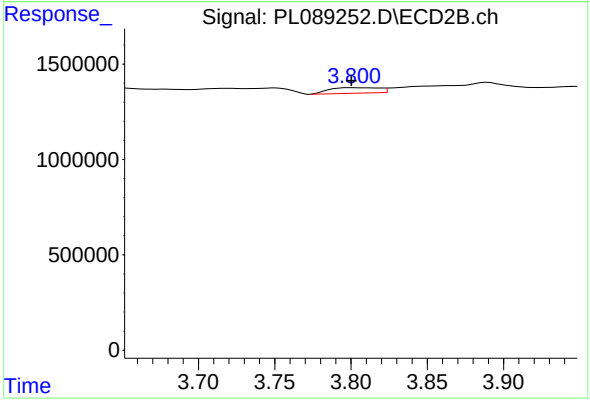

#21 Endrin ketone

R.T.: 0.000 min
Exp R.T. : 6.871 min
Response: 0
Conc: N.D.



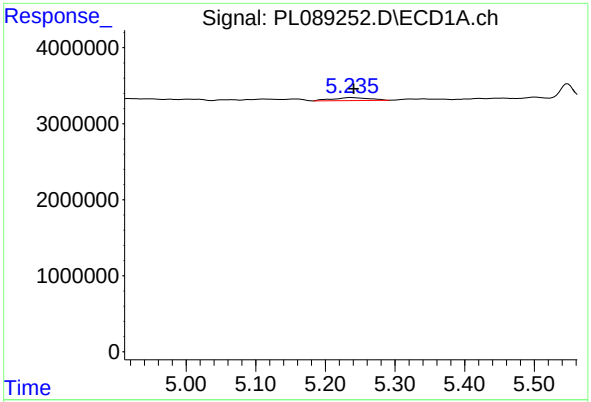

#23 Chlordane-1

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




#23 Chlordane-1

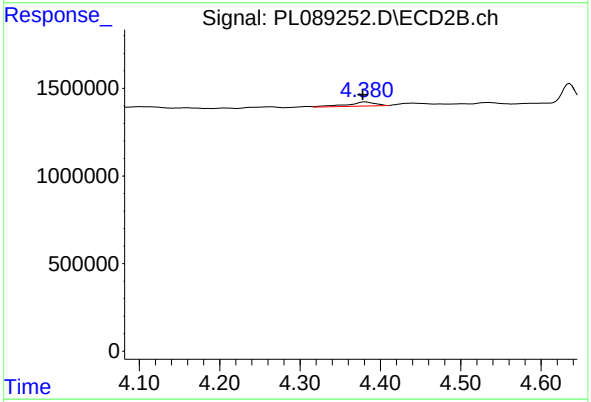
R.T.: 3.801 min
Delta R.T.: 0.000 min
Response: 662232
Conc: 13.46 ng/ml




#24 Chlordane-2

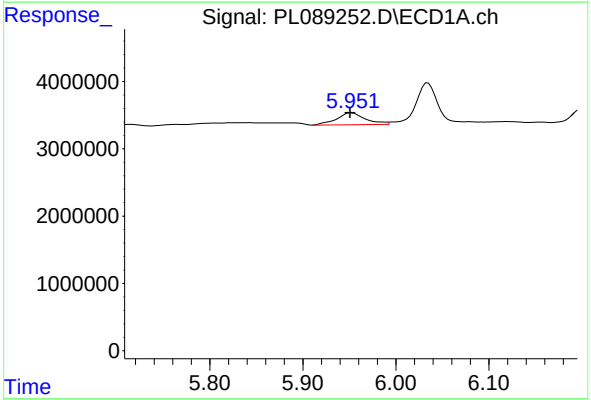
R.T.: 5.236 min
Delta R.T.: -0.005 min
Response: 1442153
Conc: 13.72 ng/ml

**Instrument :**
ECD_L
**ClientSampleId :**
VNJ-209



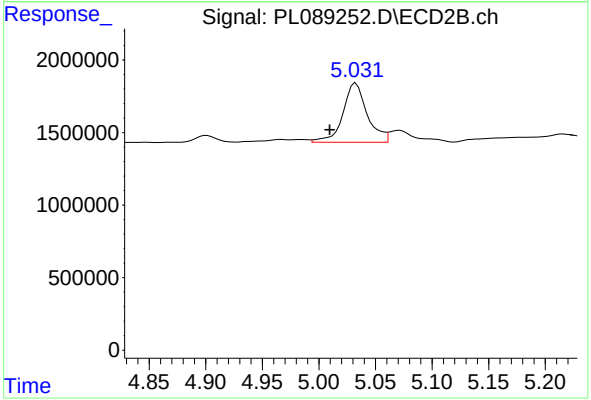

#24 Chlordane-2

R.T.: 4.381 min
Delta R.T.: 0.003 min
Response: 571734
Conc: 8.99 ng/ml



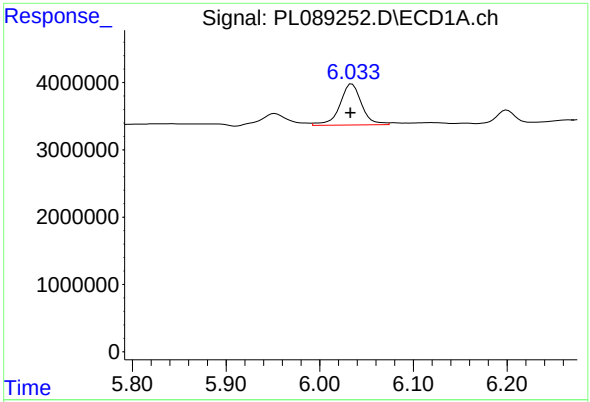

#25 Chlordane-3

R.T.: 5.952 min
Delta R.T.: 0.002 min
Response: 3811976
Conc: 11.54 ng/ml




#25 Chlordane-3

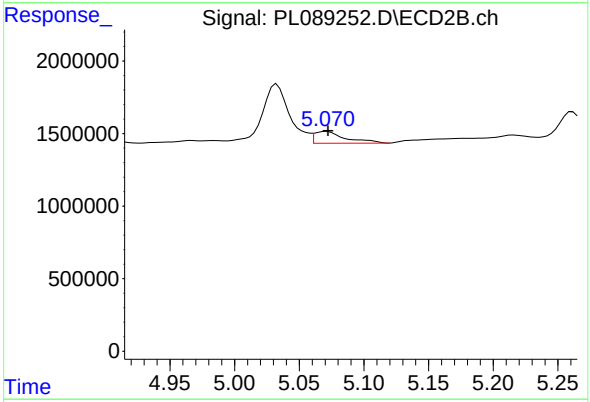
R.T.: 5.033 min
Delta R.T.: 0.023 min
Response: 6088399
Conc: 35.56 ng/ml




#26 Chlordane-4

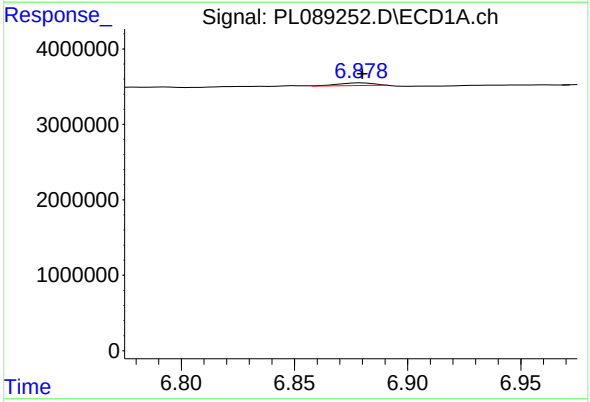
R.T.: 6.035 min
Delta R.T.: 0.002 min
Response: 9835215
Conc: 24.13 ng/ml

**Instrument :**
ECD_L
**ClientSampleId :**
VNJ-209



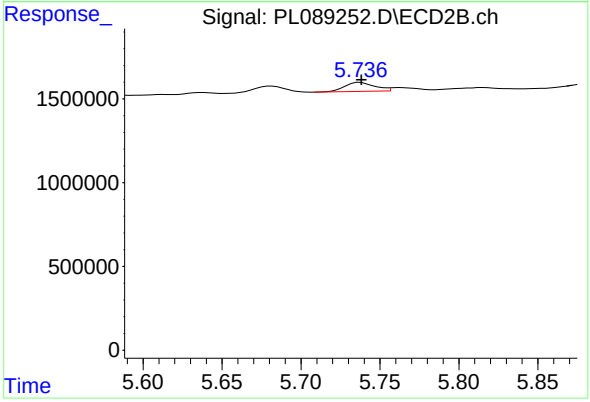

#26 Chlordane-4

R.T.: 5.071 min
Delta R.T.: -0.001 min
Response: 1343038
Conc: 8.35 ng/ml



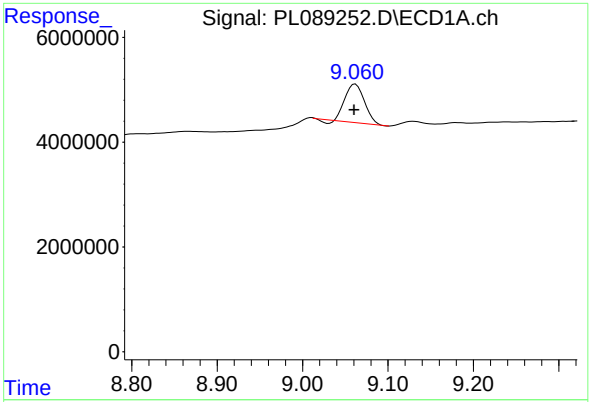

#27 Chlordane-5

R.T.: 6.880 min
Delta R.T.: 0.000 min
Response: 453013
Conc: 5.44 ng/ml




#27 Chlordane-5

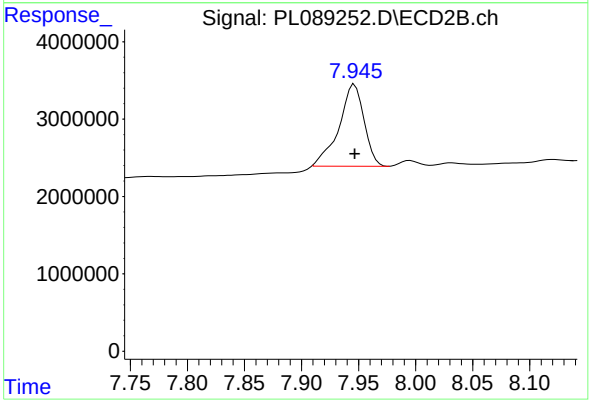
R.T.: 5.738 min
Delta R.T.: 0.000 min
Response: 714753
Conc: 13.97 ng/ml




#28 Decachlorobiphenyl

R.T.: 9.062 min
Delta R.T.: 0.002 min
Response: 11529090
Conc: 8.24 ng/ml

**Instrument :**
ECD_L
**ClientSampleId :**
VNJ-209




#28 Decachlorobiphenyl

R.T.: 7.946 min
Delta R.T.: 0.000 min
Response: 16166036
Conc: 12.02 ng/ml