Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP052621\
Data File : PP036167.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 May 2021 2:04
Operator : DD\AJ
Sample : M2262-07
Misc : AR1232 LOD 40 PPB
ALS Vial : 50 Sample Multiplier: 1

**Instrument :** ECD_P
**ClientSampleId :** LOD-MDL-WATER-SOIL-01-QT2-202

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 27 07:54:52 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP052521.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed May 26 00:48:29 2021
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ 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... | 4.966 | 3.964 | 820339 | 509068 | 18.431 | 18.240 | |
| 2) | SA Decachlor... | 10.994 | 9.272 | 861278 | 451633 | 20.153 | 19.686 | |
| | Target Compounds | | | | | | | |
| 3) | L1 AR-1016-1 | 6.285 | 5.219 | 27671 | 14288 | 17.265 | 15.339 | |
| 4) | L1 AR-1016-2 | 6.308 | 5.239 | 41098 | 21770 | 18.137 | 16.663 | |
| 5) | L1 AR-1016-3 | 6.375 | 5.431 | 28080 | 11847 | 19.391 | 16.753 | |
| 6) | L1 AR-1016-4 | 6.482 | 0.000 | 21315 | 0 | 17.602 | N.D. | # |
| 7) | L1 AR-1016-5 | 6.796 | 5.710 | 15614 | 10883 | 13.185 | 15.884 | |
| 8) | L2 AR-1221-1 | 5.213 | 4.224 | 14759 | 11827 | 26.856 | 37.227 | # |
| 9) | L2 AR-1221-2 | 5.316 | 4.318 | 22558 | 14370 | 54.118 | 59.688 | |
| 10) | L2 AR-1221-3 | 5.401 | 4.409 | 46764 | 25282 | 37.272 | 32.756 | |
| 11) | L3 AR-1232-1 | 5.401 | 4.409 | 46764 | 25282 | 48.396 | 43.220 | |
| 12) | L3 AR-1232-2 | 5.990 | 5.239 | 22921 | 21770 | 45.613 | 41.527 | |
| 13) | L3 AR-1232-3 | 6.308 | 5.431 | 41098 | 11847 | 44.097 | 42.764 | |
| 14) | L3 AR-1232-4 | 6.482 | 5.527 | 21315 | 9080 | 44.086 | 40.016 | |
| 15) | L3 AR-1232-5 | 6.579 | 5.710 | 15728 | 10883 | 48.932 | 43.668 | |
| 16) | L4 AR-1242-1 | 6.285 | 5.219 | 27671 | 14288 | 22.974 | 19.844 | |
| 17) | L4 AR-1242-2 | 6.308 | 5.239 | 41098 | 21770 | 24.398 | 22.253 | |
| 18) | L4 AR-1242-3 | 6.375 | 5.431 | 28080 | 11847 | 25.583 | 22.087 | |
| 19) | L4 AR-1242-4 | 6.482 | 5.527 | 21315 | 9080 | 23.341 | 18.399 | |
| 20) | L4 AR-1242-5 | 7.263 | 6.090 | 20732 | 11236 | 21.748 | 17.363 | |
| 21) | L5 AR-1248-1 | 6.285 | 5.219 | 27671 | 14288 | 29.723 | 26.634 | |
| 22) | L5 AR-1248-2 | 6.579 | 0.000 | 15728 | 0 | 13.155 | N.D. | # |
| 23) | L5 AR-1248-3 | 6.796 | 5.527 | 15614 | 9080 | 10.777 | 12.616 | |
| 24) | L5 AR-1248-4 | 7.224 | 5.710 | 19494 | 10883 | 12.241 | 12.322 | |
| 25) | L5 AR-1248-5 | 7.263 | 6.134 | 20732 | 12904 | 13.280 | 14.674 | |
| 26) | L6 AR-1254-1 | 7.195 | 6.090 | 18513 | 11236 | 11.427 | 8.598 | |
| 27) | L6 AR-1254-2 | 7.429 | 0.000 | 20641 | 0 | 8.379 | N.D. | # |
| 28) | L6 AR-1254-3 | 7.808 | 0.000 | 11702 | 0 | 4.436 | N.D. | # |
| 29) | L6 AR-1254-4 | 8.102 | 0.000 | 4561 | 0 | 2.260 | N.D. | # |
| 32) | L7 AR-1260-2 | 8.231 | 0.000 | 7914 | 0 | 3.239 | N.D. | # |
| 38) | L8 AR-1262-3 | 0.000 | 8.177 | 0 | 446 | N.D. | 0.375 | # |
| 41) | L9 AR-1268-1 | 0.000 | 8.177 | 0 | 446 | N.D. | 0.131 | # |

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

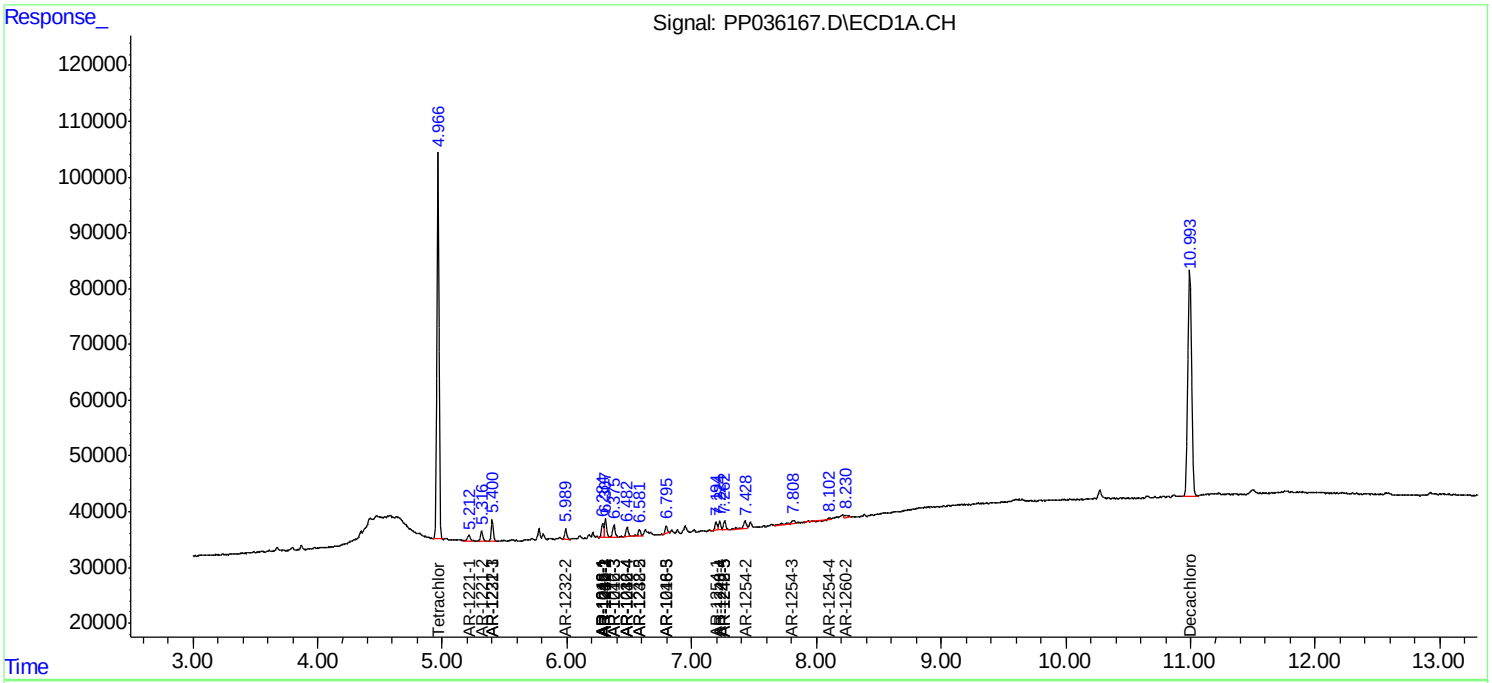
Quantitation Report (Not Reviewed)

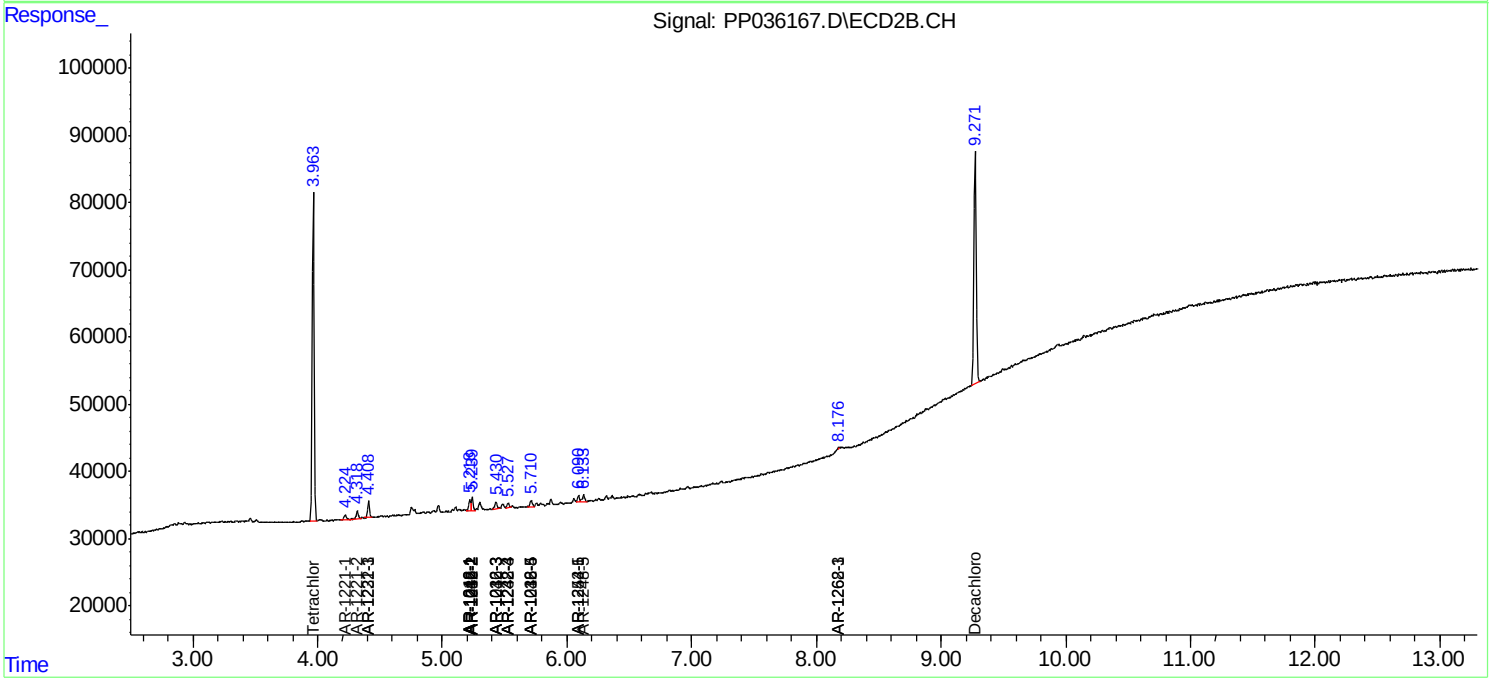
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP052621\
Data File : PP036167.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 May 2021 2:04
Operator : DD\AJ
Sample : M2262-07
Misc : AR1232 LOD 40 PPB
ALS Vial : 50 Sample Multiplier: 1

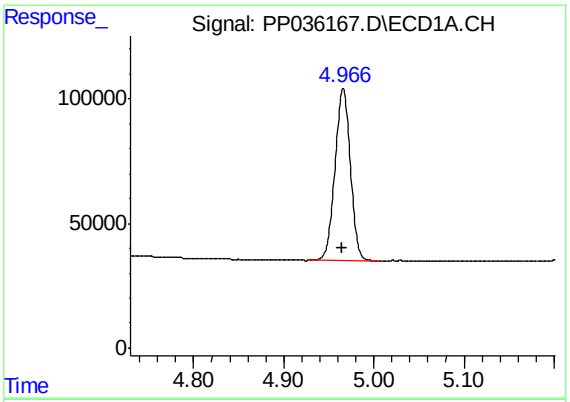
**Instrument :**
ECD_P
**ClientSampleId :**
LOD-MDL-WATER-SOIL-01-QT2-202

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 27 07:54:52 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP052521.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed May 26 00:48:29 2021
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



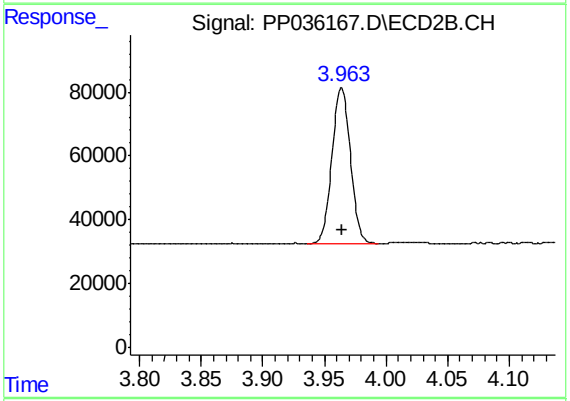






#1 Tetrachloro-m-xylene

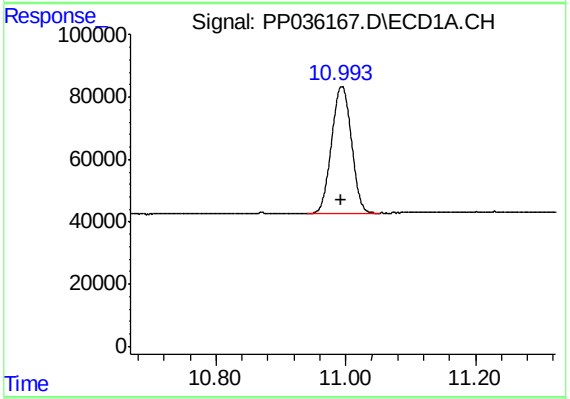
R.T.: 4.966 min
Delta R.T.: 0.001 min
Response: 820339
Conc: 18.43 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
LOD-MDL-WATER-SOIL-01-QT2-202



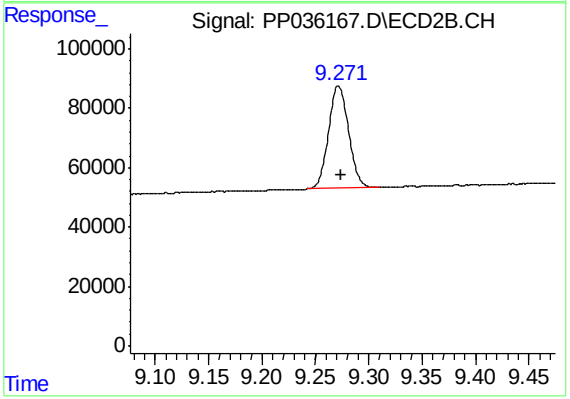

#1 Tetrachloro-m-xylene

R.T.: 3.964 min
Delta R.T.: 0.000 min
Response: 509068
Conc: 18.24 ng/ml



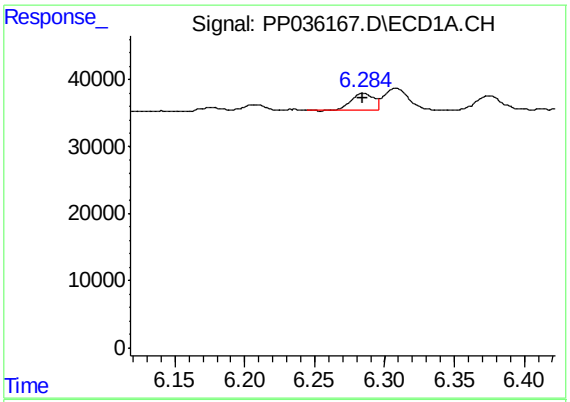

#2 Decachlorobiphenyl

R.T.: 10.994 min
Delta R.T.: 0.002 min
Response: 861278
Conc: 20.15 ng/ml




#2 Decachlorobiphenyl

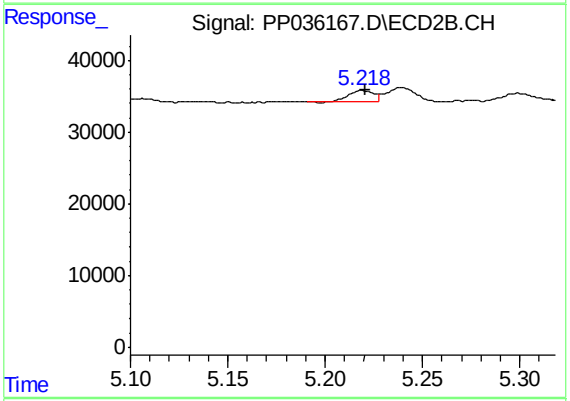
R.T.: 9.272 min
Delta R.T.: -0.003 min
Response: 451633
Conc: 19.69 ng/ml




#3 AR-1016-1

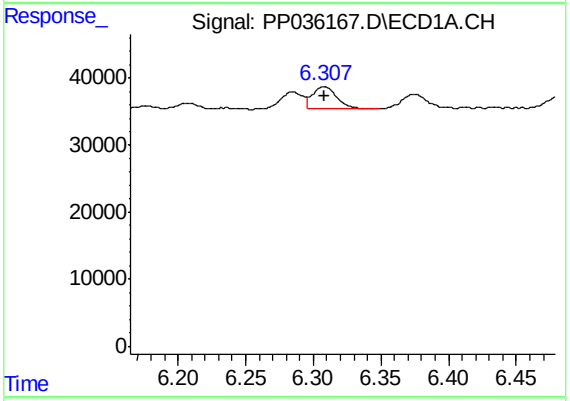
R.T.: 6.285 min
Delta R.T.: 0.000 min
Response: 27671
Conc: 17.26 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
LOD-MDL-WATER-SOIL-01-QT2-202



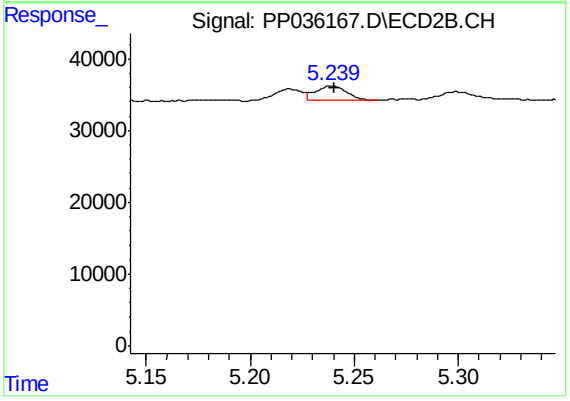

#3 AR-1016-1

R.T.: 5.219 min
Delta R.T.: -0.002 min
Response: 14288
Conc: 15.34 ng/ml



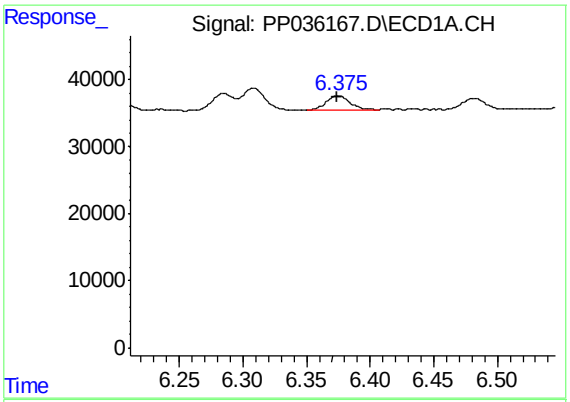

#4 AR-1016-2

R.T.: 6.308 min
Delta R.T.: 0.000 min
Response: 41098
Conc: 18.14 ng/ml




#4 AR-1016-2

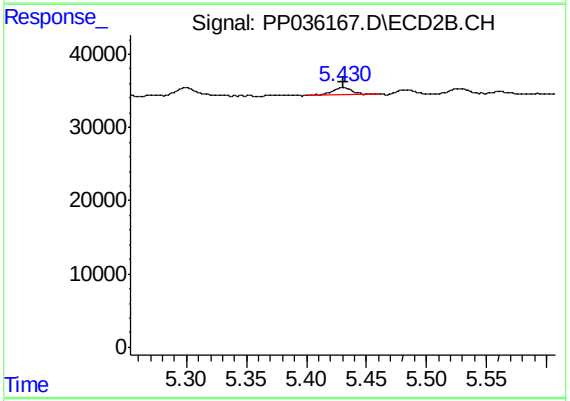
R.T.: 5.239 min
Delta R.T.: -0.002 min
Response: 21770
Conc: 16.66 ng/ml




#5 AR-1016-3

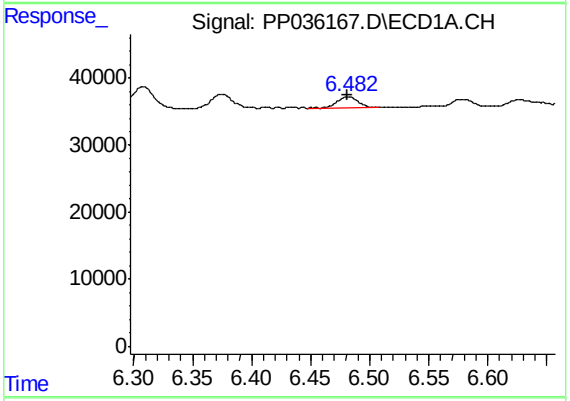
R.T.: 6.375 min
Delta R.T.: 0.000 min
Response: 28080
Conc: 19.39 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
LOD-MDL-WATER-SOIL-01-QT2-202



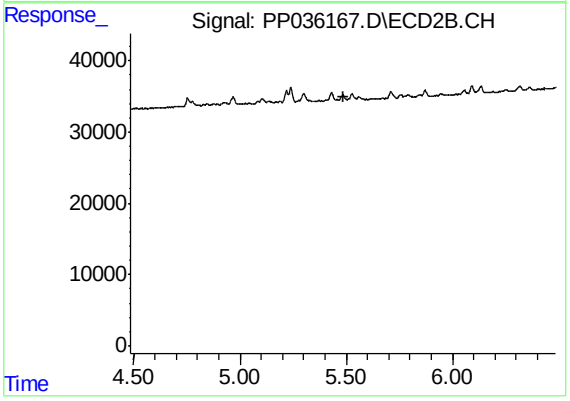

#5 AR-1016-3

R.T.: 5.431 min
Delta R.T.: 0.000 min
Response: 11847
Conc: 16.75 ng/ml



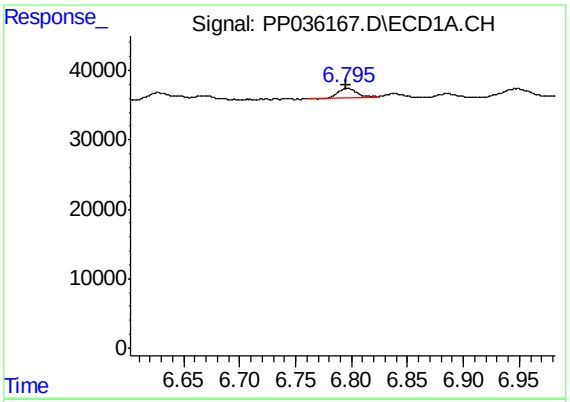

#6 AR-1016-4

R.T.: 6.482 min
Delta R.T.: 0.000 min
Response: 21315
Conc: 17.60 ng/ml




#6 AR-1016-4

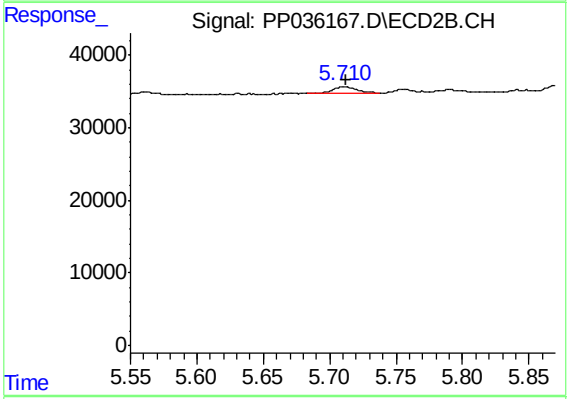
R.T.: 0.000 min
Exp R.T. : 5.485 min
Response: 0
Conc: N.D.




#7 AR-1016-5

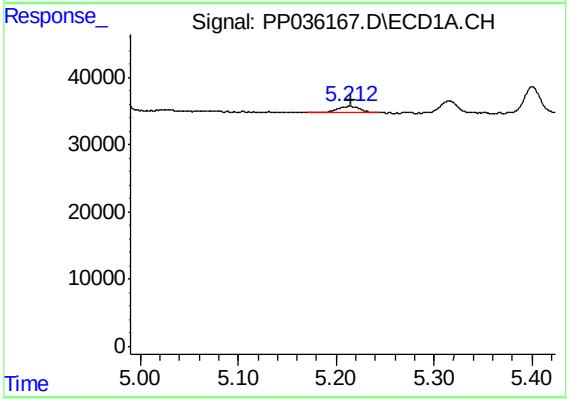
R.T.: 6.796 min
Delta R.T.: 0.000 min
Response: 15614
Conc: 13.19 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
LOD-MDL-WATER-SOIL-01-QT2-202



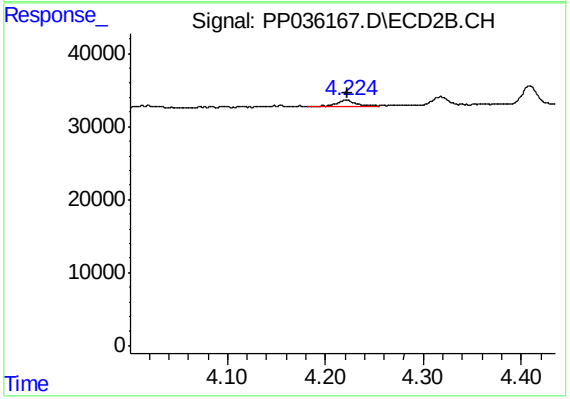

#7 AR-1016-5

R.T.: 5.710 min
Delta R.T.: -0.002 min
Response: 10883
Conc: 15.88 ng/ml



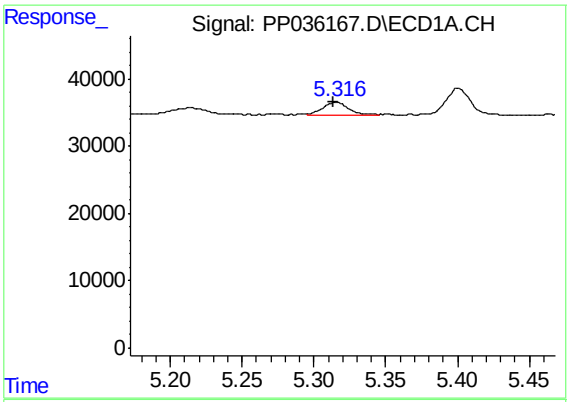

#8 AR-1221-1

R.T.: 5.213 min
Delta R.T.: -0.002 min
Response: 14759
Conc: 26.86 ng/ml




#8 AR-1221-1

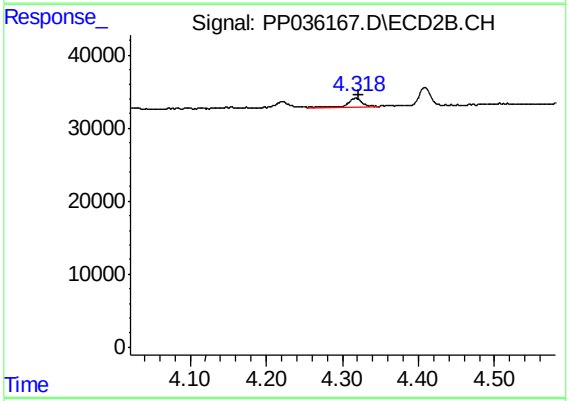
R.T.: 4.224 min
Delta R.T.: 0.000 min
Response: 11827
Conc: 37.23 ng/ml




#9 AR-1221-2

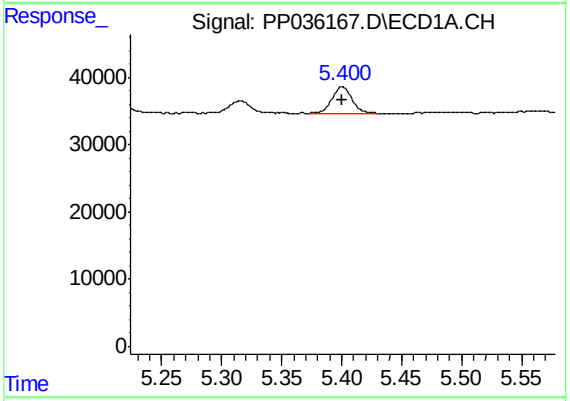
R.T.: 5.316 min
Delta R.T.: 0.003 min
Response: 22558
Conc: 54.12 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
LOD-MDL-WATER-SOIL-01-QT2-202



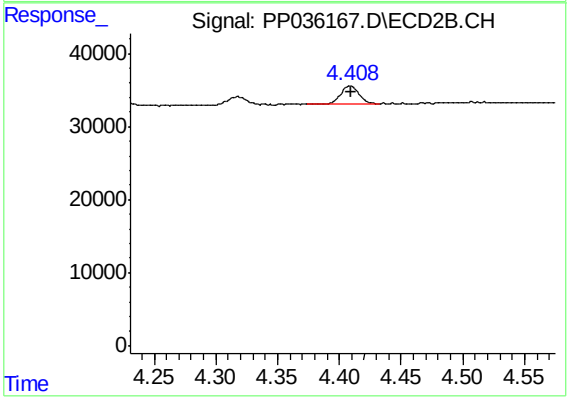

#9 AR-1221-2

R.T.: 4.318 min
Delta R.T.: -0.003 min
Response: 14370
Conc: 59.69 ng/ml



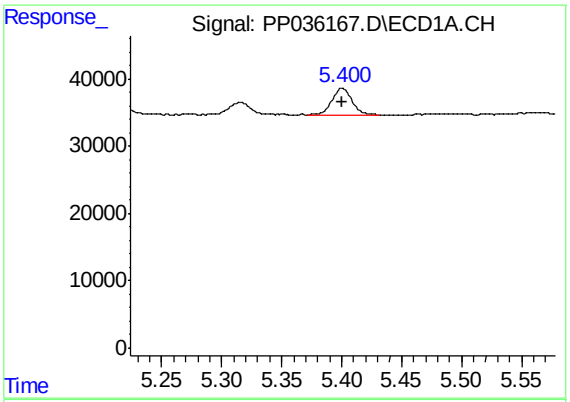

#10 AR-1221-3

R.T.: 5.401 min
Delta R.T.: 0.000 min
Response: 46764
Conc: 37.27 ng/ml




#10 AR-1221-3

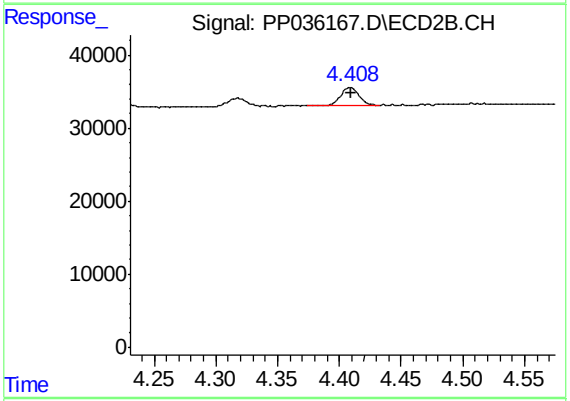
R.T.: 4.409 min
Delta R.T.: -0.001 min
Response: 25282
Conc: 32.76 ng/ml




#11 AR-1232-1

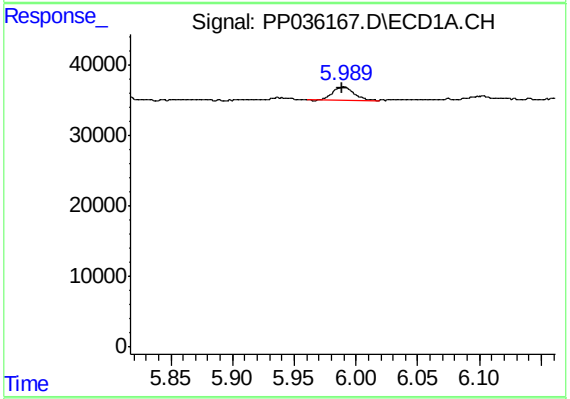
R.T.: 5.401 min
Delta R.T.: 0.000 min
Response: 46764
Conc: 48.40 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
LOD-MDL-WATER-SOIL-01-QT2-202



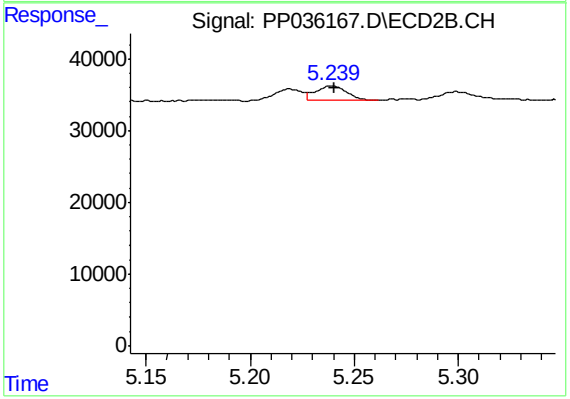

#11 AR-1232-1

R.T.: 4.409 min
Delta R.T.: -0.001 min
Response: 25282
Conc: 43.22 ng/ml



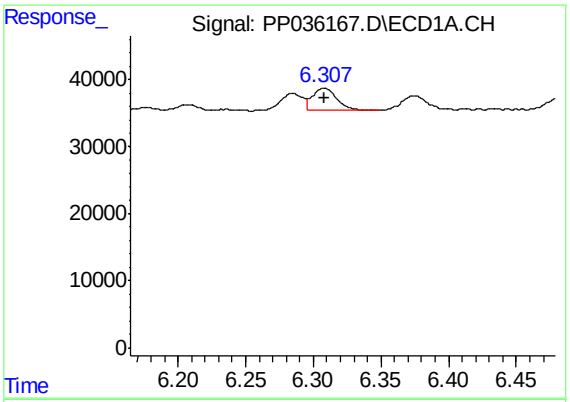

#12 AR-1232-2

R.T.: 5.990 min
Delta R.T.: 0.000 min
Response: 22921
Conc: 45.61 ng/ml




#12 AR-1232-2

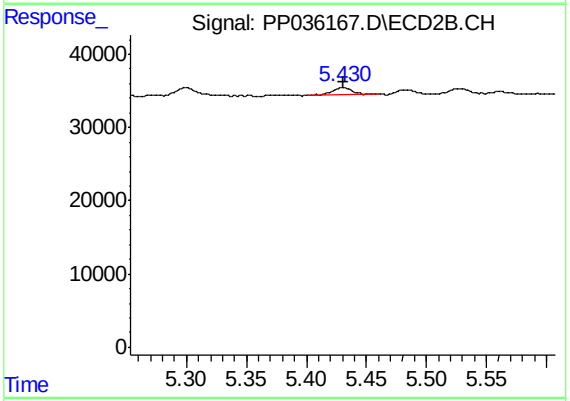
R.T.: 5.239 min
Delta R.T.: -0.001 min
Response: 21770
Conc: 41.53 ng/ml




#13 AR-1232-3

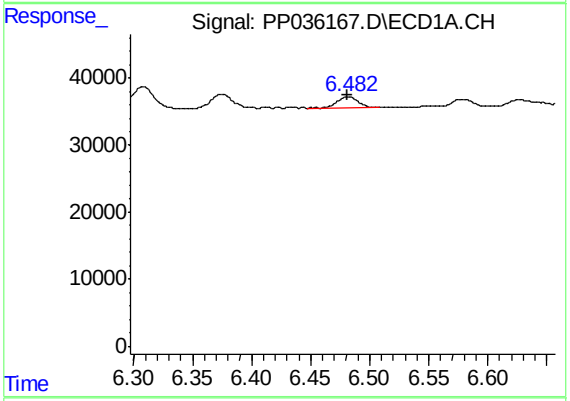
R.T.: 6.308 min
Delta R.T.: 0.000 min
Response: 41098
Conc: 44.10 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
LOD-MDL-WATER-SOIL-01-QT2-202



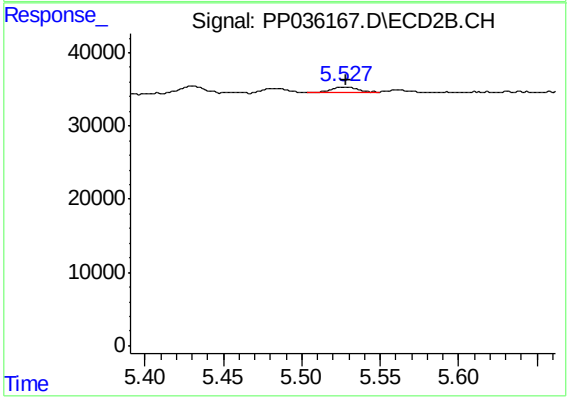

#13 AR-1232-3

R.T.: 5.431 min
Delta R.T.: 0.000 min
Response: 11847
Conc: 42.76 ng/ml



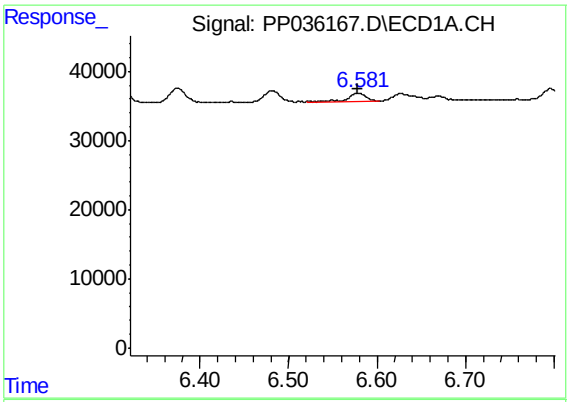

#14 AR-1232-4

R.T.: 6.482 min
Delta R.T.: 0.000 min
Response: 21315
Conc: 44.09 ng/ml




#14 AR-1232-4

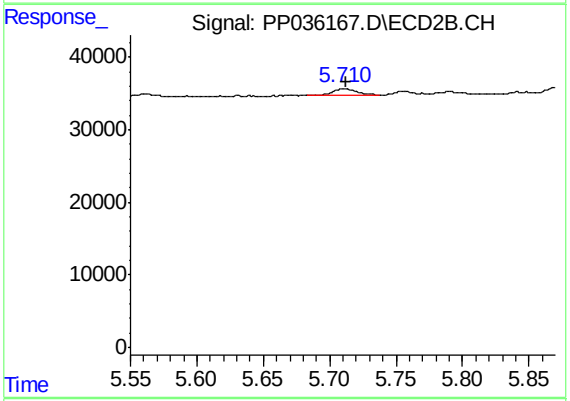
R.T.: 5.527 min
Delta R.T.: -0.001 min
Response: 9080
Conc: 40.02 ng/ml




#15 AR-1232-5

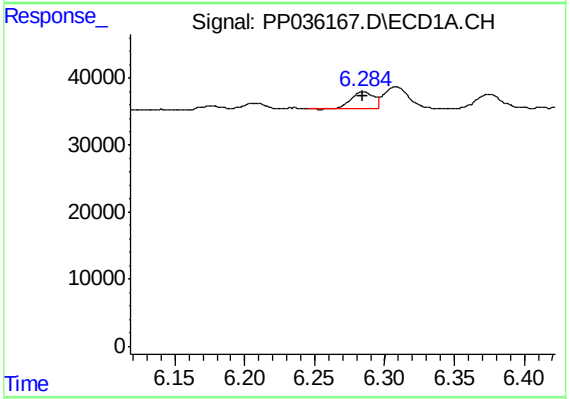
R.T.: 6.579 min
Delta R.T.: 0.001 min
Response: 15728
Conc: 48.93 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
LOD-MDL-WATER-SOIL-01-QT2-202



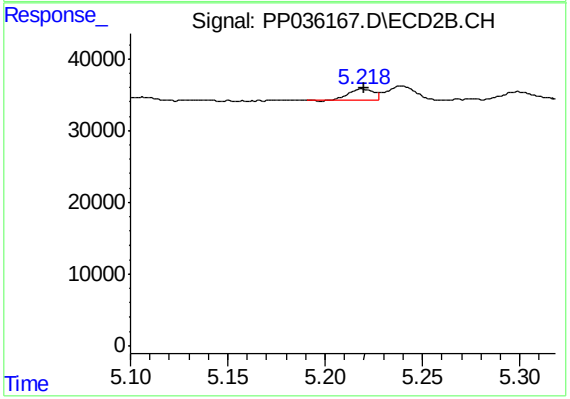

#15 AR-1232-5

R.T.: 5.710 min
Delta R.T.: -0.002 min
Response: 10883
Conc: 43.67 ng/ml



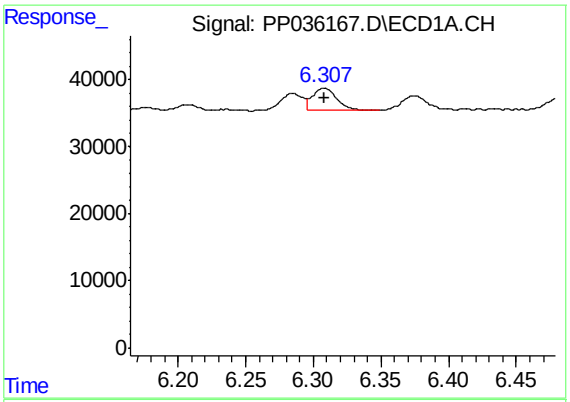

#16 AR-1242-1

R.T.: 6.285 min
Delta R.T.: 0.000 min
Response: 27671
Conc: 22.97 ng/ml




#16 AR-1242-1

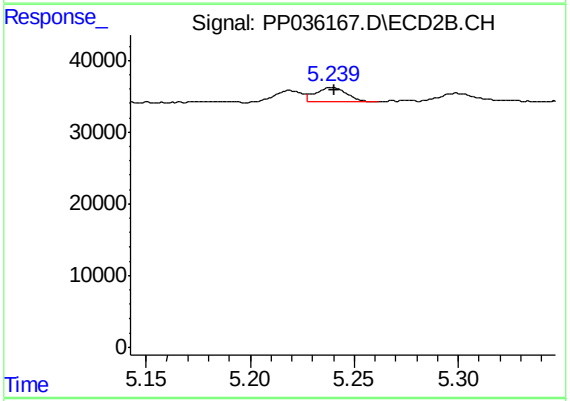
R.T.: 5.219 min
Delta R.T.: -0.001 min
Response: 14288
Conc: 19.84 ng/ml




#17 AR-1242-2

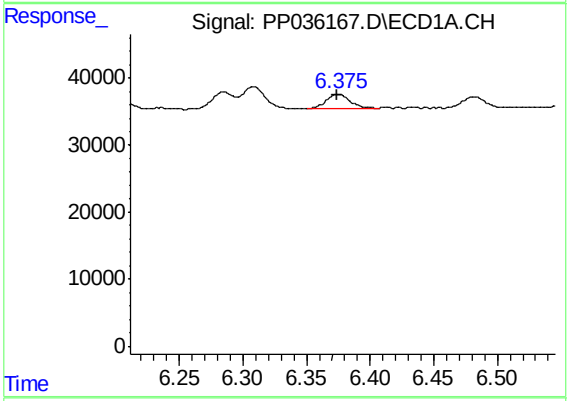
R.T.: 6.308 min
Delta R.T.: 0.000 min
Response: 41098
Conc: 24.40 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
LOD-MDL-WATER-SOIL-01-QT2-202



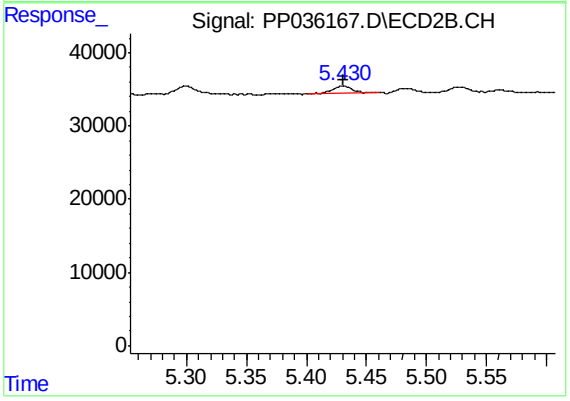

#17 AR-1242-2

R.T.: 5.239 min
Delta R.T.: -0.002 min
Response: 21770
Conc: 22.25 ng/ml



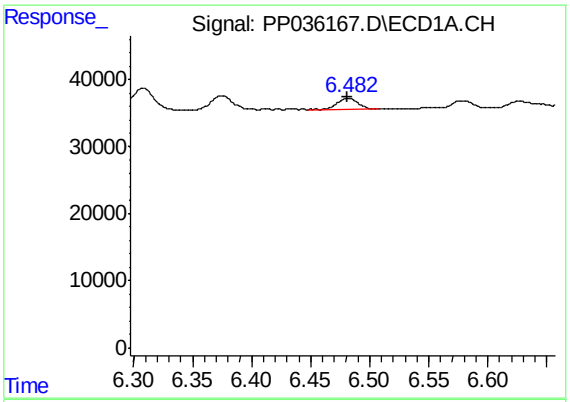

#18 AR-1242-3

R.T.: 6.375 min
Delta R.T.: 0.000 min
Response: 28080
Conc: 25.58 ng/ml




#18 AR-1242-3

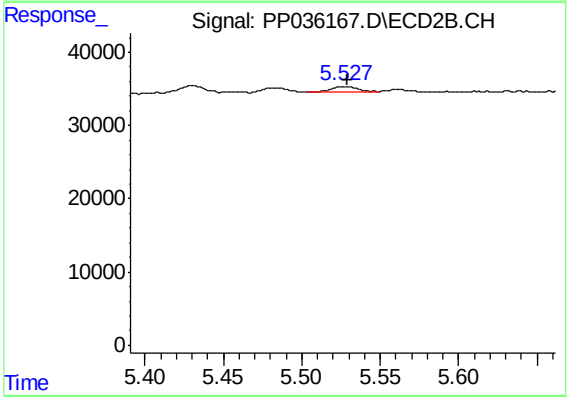
R.T.: 5.431 min
Delta R.T.: 0.000 min
Response: 11847
Conc: 22.09 ng/ml




#19 AR-1242-4

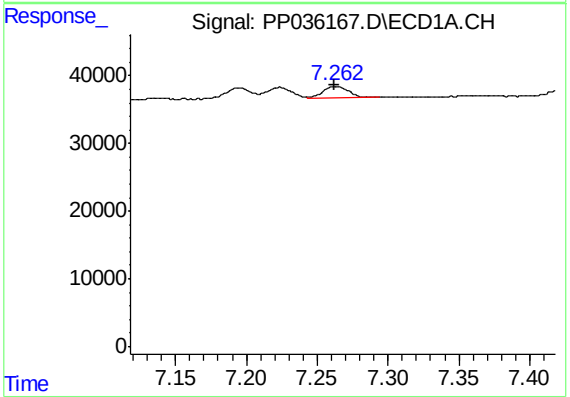
R.T.: 6.482 min
Delta R.T.: 0.000 min
Response: 21315
Conc: 23.34 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
LOD-MDL-WATER-SOIL-01-QT2-202



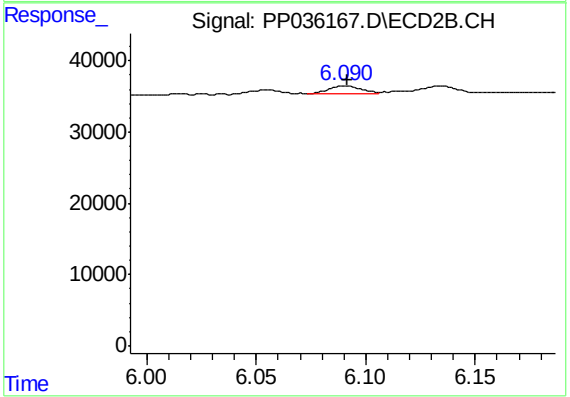

#19 AR-1242-4

R.T.: 5.527 min
Delta R.T.: -0.002 min
Response: 9080
Conc: 18.40 ng/ml



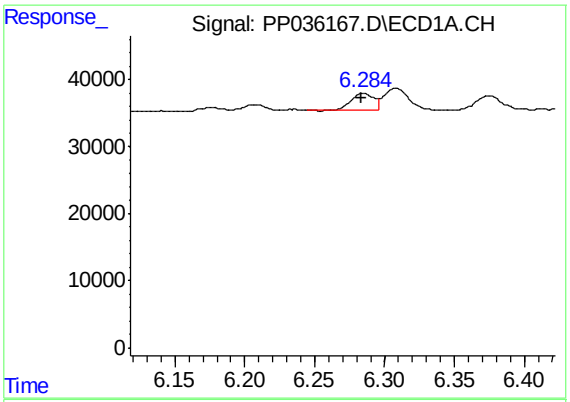

#20 AR-1242-5

R.T.: 7.263 min
Delta R.T.: 0.000 min
Response: 20732
Conc: 21.75 ng/ml




#20 AR-1242-5

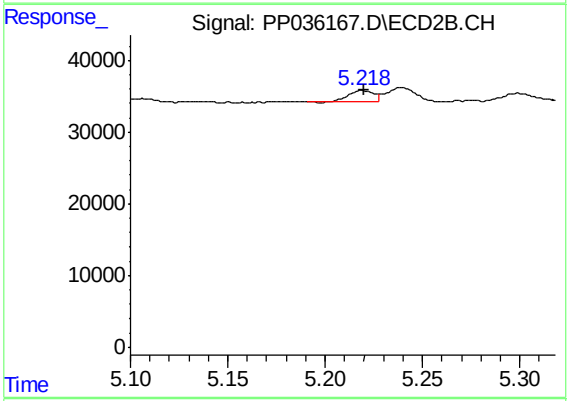
R.T.: 6.090 min
Delta R.T.: -0.002 min
Response: 11236
Conc: 17.36 ng/ml




#21 AR-1248-1

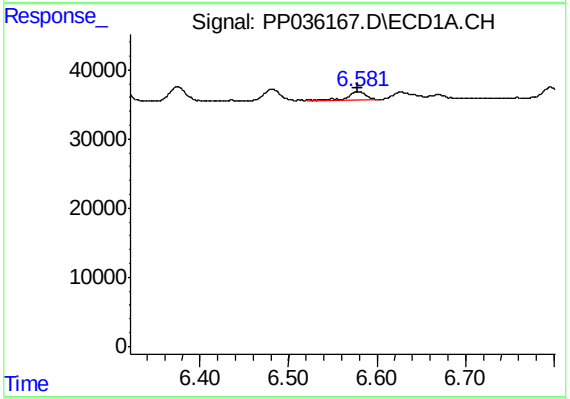
R.T.: 6.285 min
Delta R.T.: 0.000 min
Response: 27671
Conc: 29.72 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
LOD-MDL-WATER-SOIL-01-QT2-202



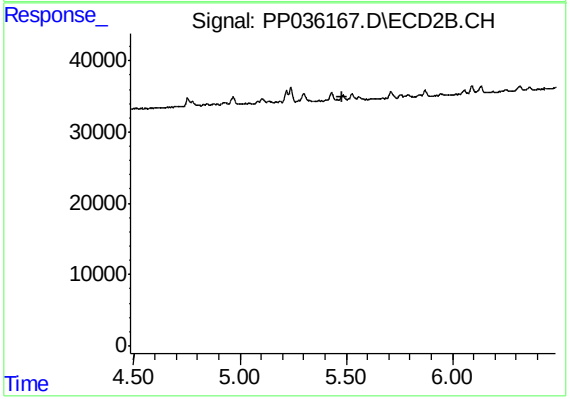

#21 AR-1248-1

R.T.: 5.219 min
Delta R.T.: -0.001 min
Response: 14288
Conc: 26.63 ng/ml



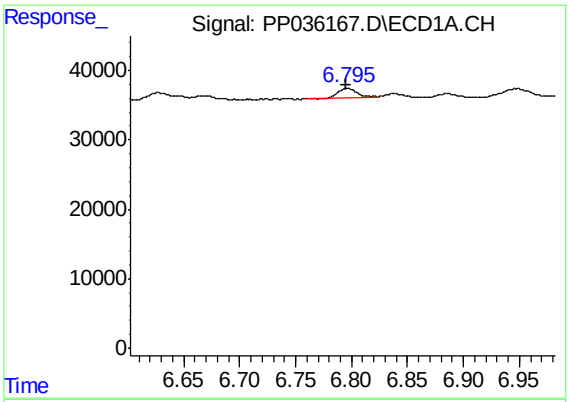

#22 AR-1248-2

R.T.: 6.579 min
Delta R.T.: 0.001 min
Response: 15728
Conc: 13.16 ng/ml




#22 AR-1248-2

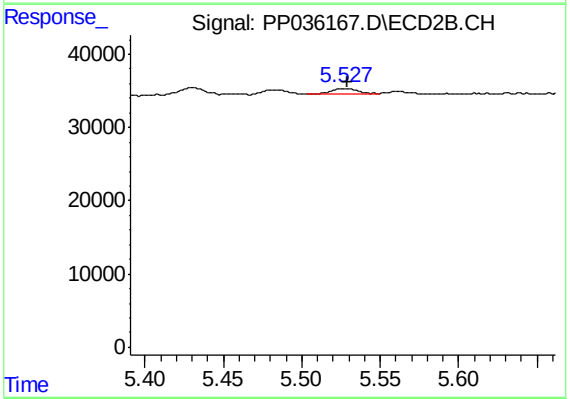
R.T.: 0.000 min
Exp R.T. : 5.484 min
Response: 0
Conc: N.D.




#23 AR-1248-3

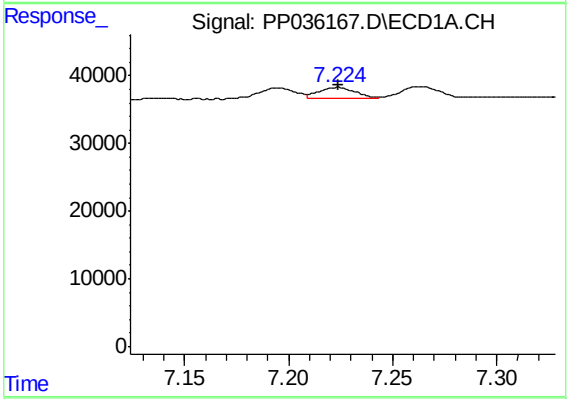
R.T.: 6.796 min
Delta R.T.: 0.000 min
Response: 15614
Conc: 10.78 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
LOD-MDL-WATER-SOIL-01-QT2-202



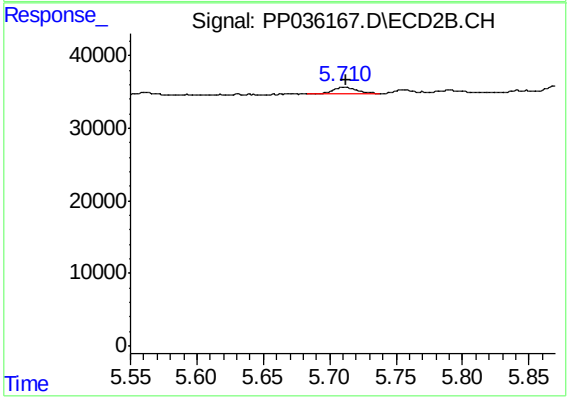

#23 AR-1248-3

R.T.: 5.527 min
Delta R.T.: -0.002 min
Response: 9080
Conc: 12.62 ng/ml



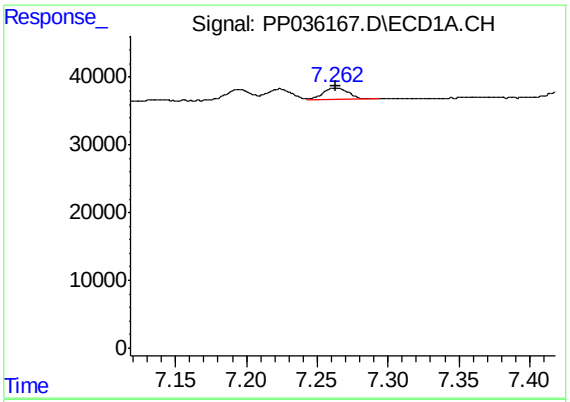

#24 AR-1248-4

R.T.: 7.224 min
Delta R.T.: 0.000 min
Response: 19494
Conc: 12.24 ng/ml




#24 AR-1248-4

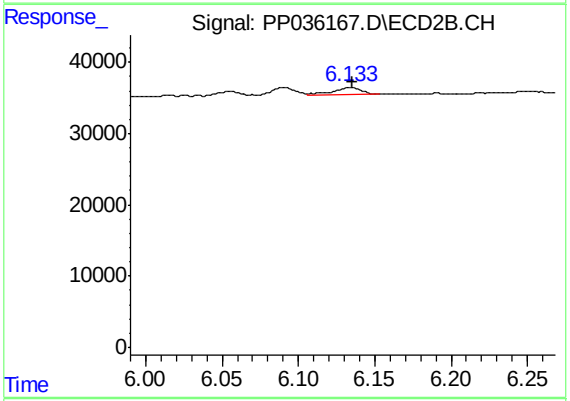
R.T.: 5.710 min
Delta R.T.: -0.002 min
Response: 10883
Conc: 12.32 ng/ml




#25 AR-1248-5

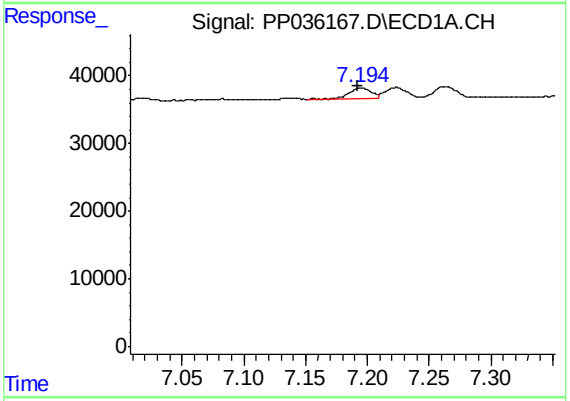
R.T.: 7.263 min
Delta R.T.: 0.000 min
Response: 20732
Conc: 13.28 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
LOD-MDL-WATER-SOIL-01-QT2-202



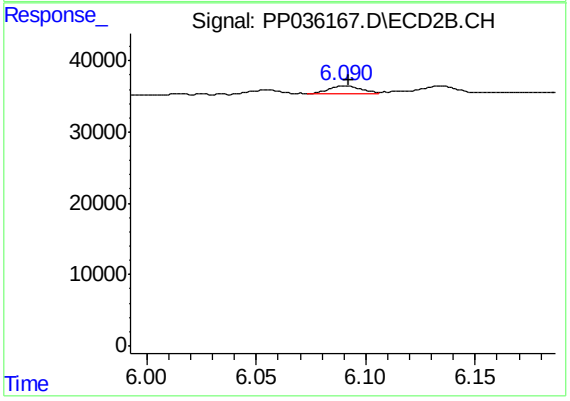

#25 AR-1248-5

R.T.: 6.134 min
Delta R.T.: -0.002 min
Response: 12904
Conc: 14.67 ng/ml



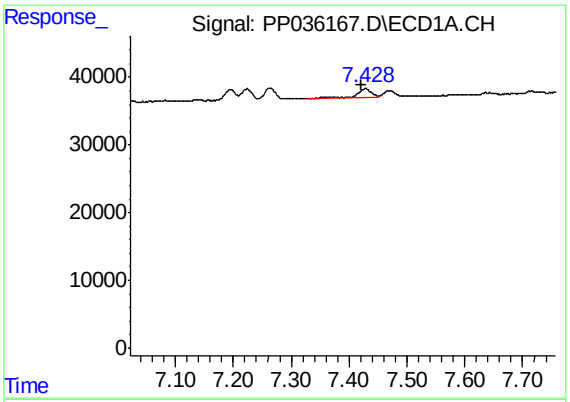

#26 AR-1254-1

R.T.: 7.195 min
Delta R.T.: 0.003 min
Response: 18513
Conc: 11.43 ng/ml




#26 AR-1254-1

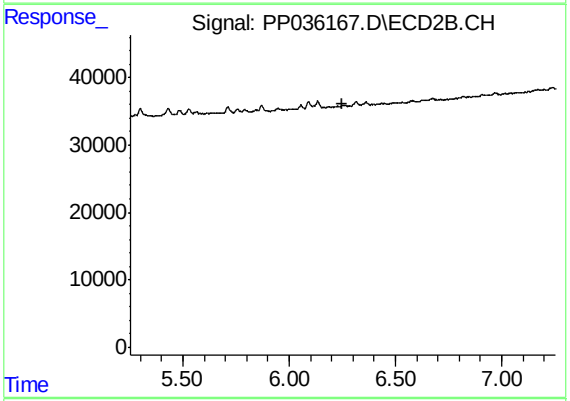
R.T.: 6.090 min
Delta R.T.: -0.002 min
Response: 11236
Conc: 8.60 ng/ml




#27 AR-1254-2

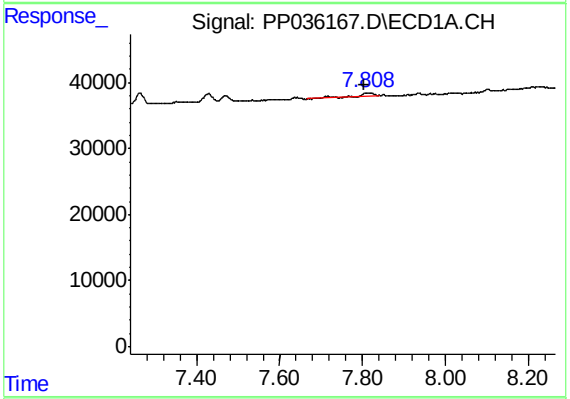
R.T.: 7.429 min
Delta R.T.: 0.007 min
Response: 20641
Conc: 8.38 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
LOD-MDL-WATER-SOIL-01-QT2-202



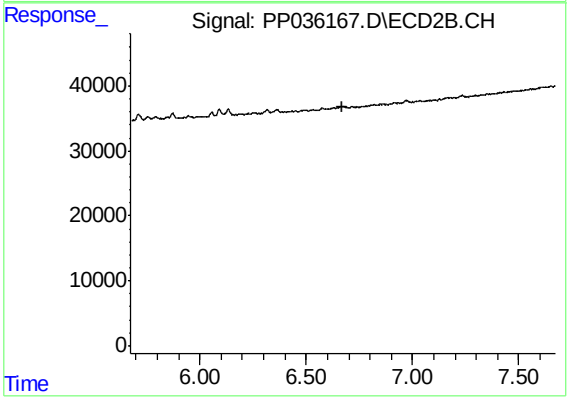

#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 6.253 min
Response: 0
Conc: N.D.



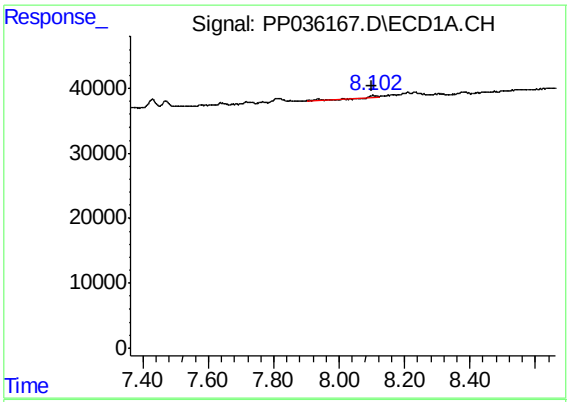

#28 AR-1254-3

R.T.: 7.808 min
Delta R.T.: 0.005 min
Response: 11702
Conc: 4.44 ng/ml




#28 AR-1254-3

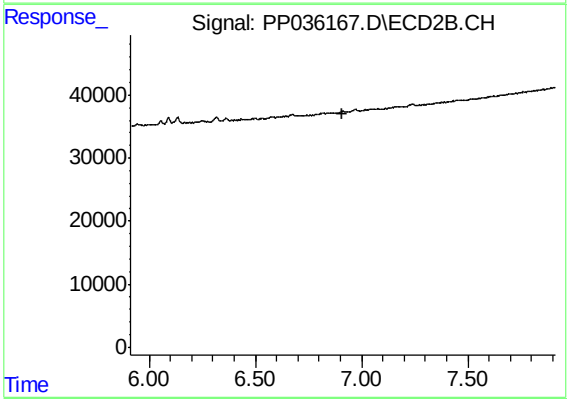
R.T.: 0.000 min
Exp R.T. : 6.673 min
Response: 0
Conc: N.D.




#29 AR-1254-4

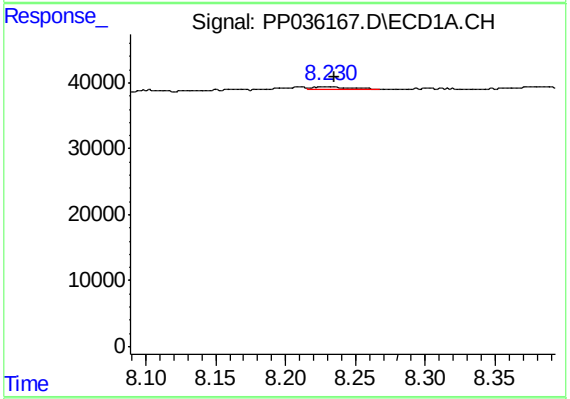
R.T.: 8.102 min
Delta R.T.: 0.003 min
Response: 4561
Conc: 2.26 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
LOD-MDL-WATER-SOIL-01-QT2-202



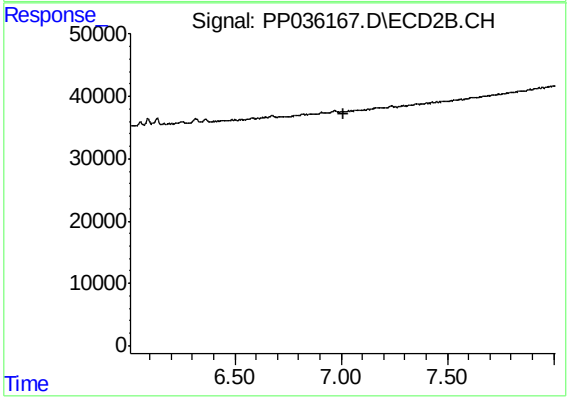

#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.912 min
Response: 0
Conc: N.D.



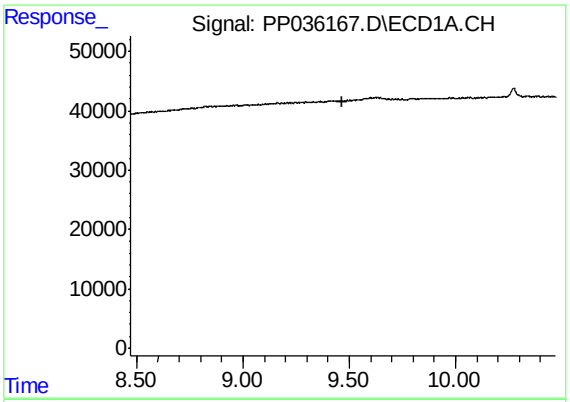

#32 AR-1260-2

R.T.: 8.231 min
Delta R.T.: -0.005 min
Response: 7914
Conc: 3.24 ng/ml




#32 AR-1260-2

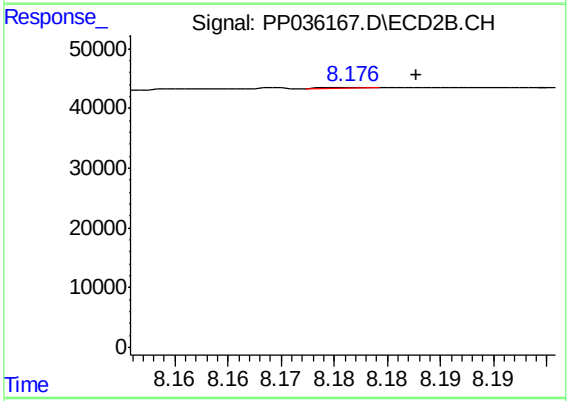
R.T.: 0.000 min
Exp R.T. : 7.009 min
Response: 0
Conc: N.D.




#38 AR-1262-3

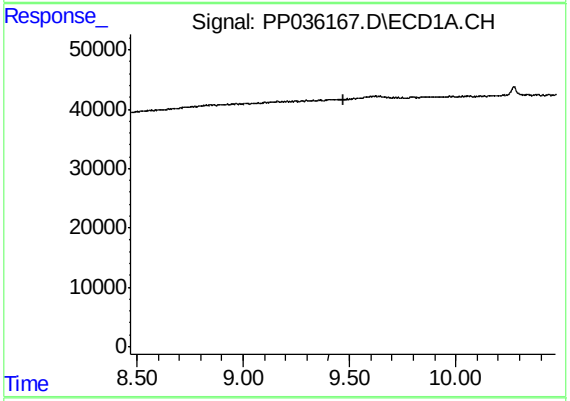
R.T.: 0.000 min
Exp R.T. : 9.470 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_P
**ClientSampleId :**
LOD-MDL-WATER-SOIL-01-QT2-202



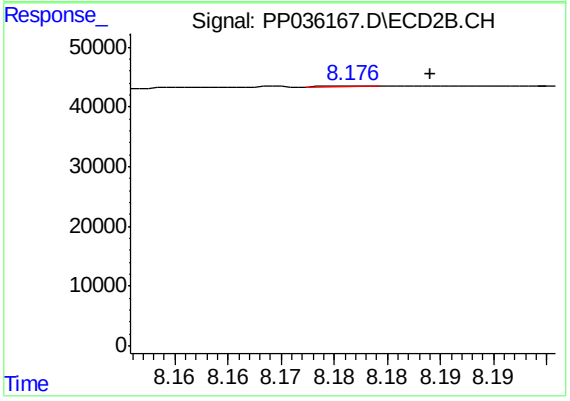

#38 AR-1262-3

R.T.: 8.177 min
Delta R.T.: -0.006 min
Response: 446
Conc: 0.38 ng/ml




#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 9.470 min
Response: 0
Conc: N.D.




#41 AR-1268-1

R.T.: 8.177 min
Delta R.T.: -0.008 min
Response: 446
Conc: 0.13 ng/ml