Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102318\
Data File : PO050425.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 23 Oct 2018 18:46
Operator : SM/SJ
Sample : J5614-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** ECD_O
**ClientSampleId :**

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 24 05:38:05 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101818.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 19 02:02:26 2018
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... | 4.360 | 3.356 | 5537227 | 4337972 | 18.557 | 22.065 | |
| 2) | SA Decachlor... | 10.024 | 8.110 | 2861585 | 2935797 | 13.188 | 15.359 | |
| | Target Compounds | | | | | | | |
| 5) | L1 AR-1016-3 | 0.000 | 4.599 | 0 | 1344796 | N.D. | 204.762 | # |
| 6) | L1 AR-1016-4 | 0.000 | 4.599 | 0 | 1344796 | N.D. | 253.867 | # |
| 7) | L1 AR-1016-5 | 5.999 | 4.797 | 850041 | 782305 | 99.635 | 112.963 | |
| 10) | L2 AR-1221-3 | 0.000 | 3.757 | 0 | 467225 | N.D. | 89.054 | # |
| 11) | L3 AR-1232-1 | 0.000 | 3.757 | 0 | 467225 | N.D. | 120.891 | # |
| 13) | L3 AR-1232-3 | 0.000 | 4.599 | 0 | 1344796 | N.D. | 584.470 | # |
| 14) | L3 AR-1232-4 | 0.000 | 4.636 | 0 | 354468 | N.D. | 172.987 | # |
| 15) | L3 AR-1232-5 | 5.796 | 4.797 | 1500985 | 782305 | 658.714 | 355.226 | # |
| 18) | L4 AR-1242-3 | 0.000 | 4.599 | 0 | 1344796 | N.D. | 311.728 | # |
| 19) | L4 AR-1242-4 | 0.000 | 4.636 | 0 | 354468 | N.D. | 81.136 | # |
| 20) | L4 AR-1242-5 | 6.444 | 5.131 | 1502416 | 6313938 | 247.946 | 1131.758 | # |
| 22) | L5 AR-1248-2 | 5.796 | 4.599 | 1500985 | 1344796 | 164.491 | 203.898 | |
| 23) | L5 AR-1248-3 | 5.999 | 4.636 | 850041 | 354468 | 82.352 | 53.337 | # |
| 24) | L5 AR-1248-4 | 6.403 | 4.797 | 1879321 | 782305 | 167.090 | 95.805 | # |
| 25) | L5 AR-1248-5 | 6.444 | 5.170 | 1502416 | 755538 | 135.628 | 95.548 | # |
| 26) | L6 AR-1254-1 | 6.375 | 5.131 | 4846245 | 6313938 | 370.437 | 435.532 | |
| 27) | L6 AR-1254-2 | 6.593 | 5.273 | 12758617 | 8825824 | 625.797 | 694.632 | |
| 28) | L6 AR-1254-3 | 6.959 | 5.657 | 18905939 | 19116833 | 875.672 | 933.010 | |
| 29) | L6 AR-1254-4 | 7.283 | 5.878 | 32124592 | 10420198 | 2221.012 | 894.792 | # |
| 30) | L6 AR-1254-5 | 7.682 | 6.282 | 90989440 | 85179942 | 5831.508 | 4876.481 | |
| 31) | L7 AR-1260-1 | 7.122 | 5.783 | 8070893 | 8849285 | 473.852 | 584.122 | |
| 32) | L7 AR-1260-2 | 7.421 | 5.965 | 5646017 | 9171761 | 285.508 | 495.802 | # |
| 33) | L7 AR-1260-3 | 7.793 | 6.109 | 2048912 | 8864542 | 143.137 | 517.937 | # |
| 34) | L7 AR-1260-4 | 7.985 | 6.564 | 966095 | 1900470 | 59.664 | 140.177 | # |
| 35) | L7 AR-1260-5 | 8.273 | 6.805 | 1989809 | 2369695 | 65.496 | 77.547 | |
| 36) | L8 AR-1262-1 | 7.793 | 6.323 | 2048912 | 3157786 | 131.352 | 199.869 | # |
| 37) | L8 AR-1262-2 | 8.273 | 6.805 | 1989809 | 2369695 | 79.786 | 92.544 | |
| 38) | L8 AR-1262-3 | 8.593 | 7.067 | 1092123 | 165074 | 65.797 | 16.153 | # |
| 39) | L8 AR-1262-4 | 0.000 | 7.140 | 0 | 2065443 | N.D. | 110.094 | # |
| 40) | L8 AR-1262-5 | 0.000 | 7.619 | 0 | 309814 | N.D. | 39.449 | # |
| 41) | L9 AR-1268-1 | 8.593 | 7.067 | 1092123 | 165074 | 32.865 | 4.898 | # |
| 42) | L9 AR-1268-2 | 0.000 | 7.140 | 0 | 2065443 | N.D. | 65.952 | # |
| 43) | L9 AR-1268-3 | 0.000 | 7.412 | 0 | 625188 | N.D. | 23.129 | # |
| 44) | L9 AR-1268-4 | 0.000 | 7.619 | 0 | 309814 | N.D. | 31.759 | # |

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

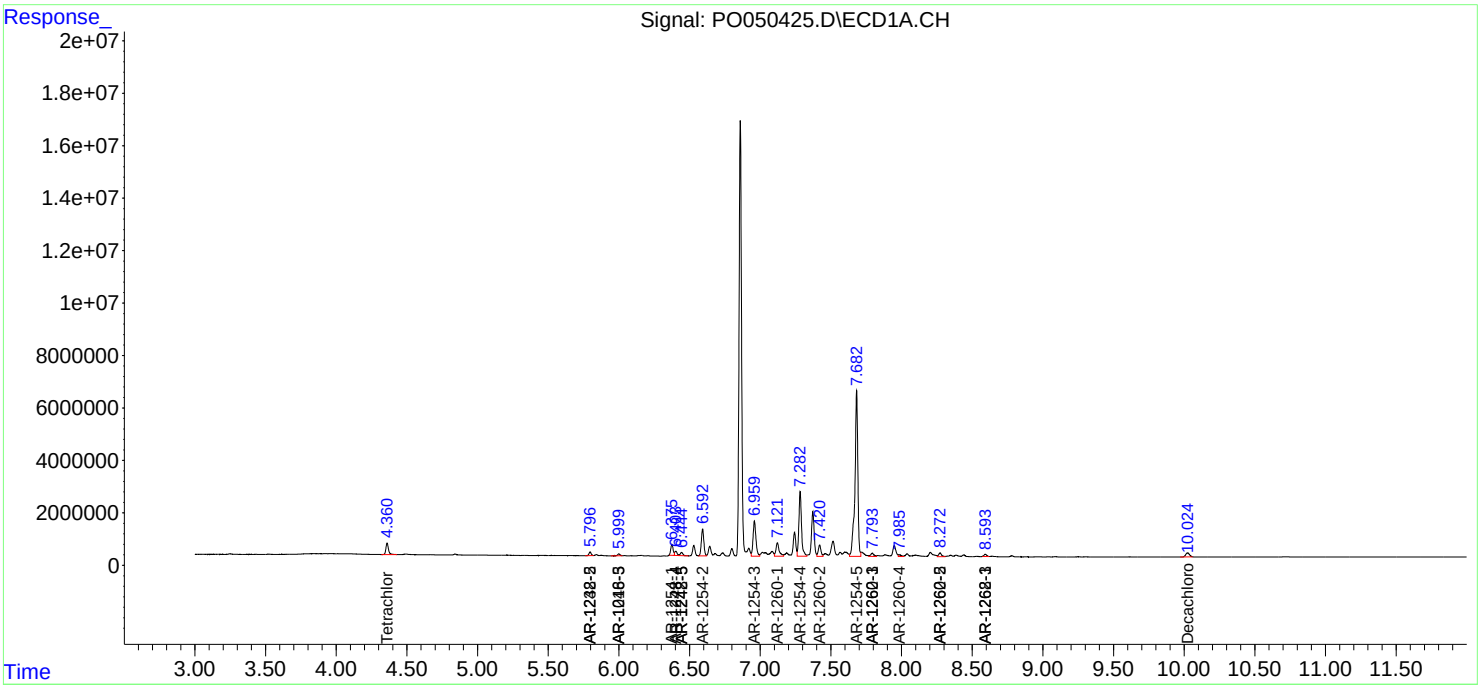
Quantitation Report (Not Reviewed)

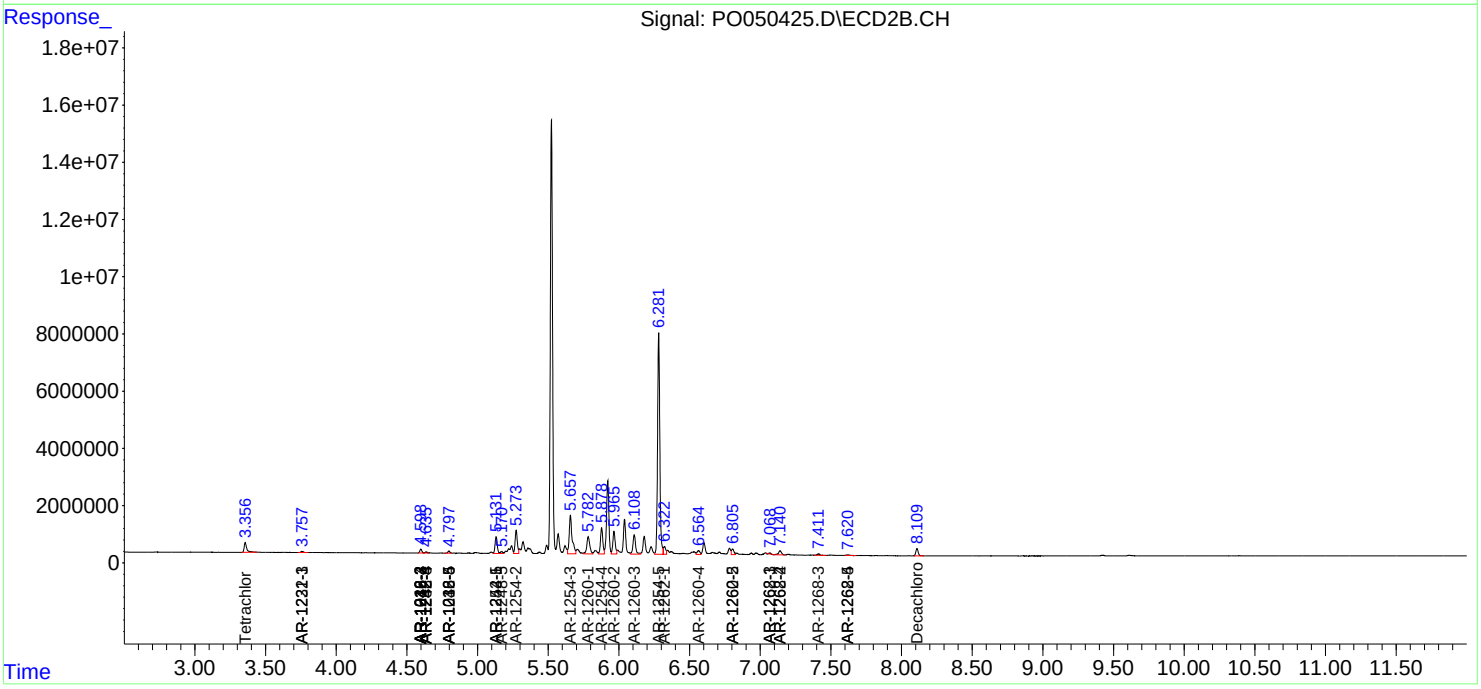
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102318\
Data File : PO050425.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 23 Oct 2018 18:46
Operator : SM/SJ
Sample : J5614-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

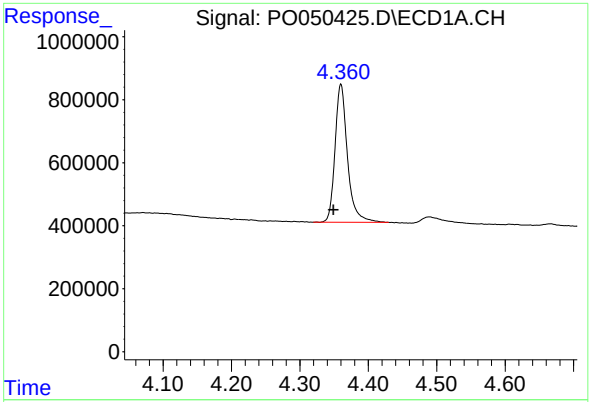
**Instrument :** ECD_O
**ClientSampleId :**

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 24 05:38:05 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101818.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 19 02:02:26 2018
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



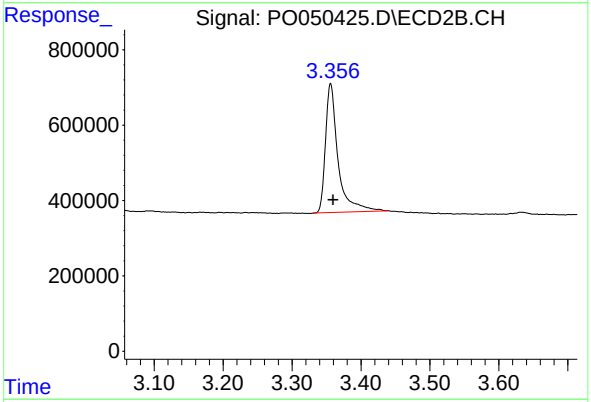






#1 Tetrachloro-m-xylene

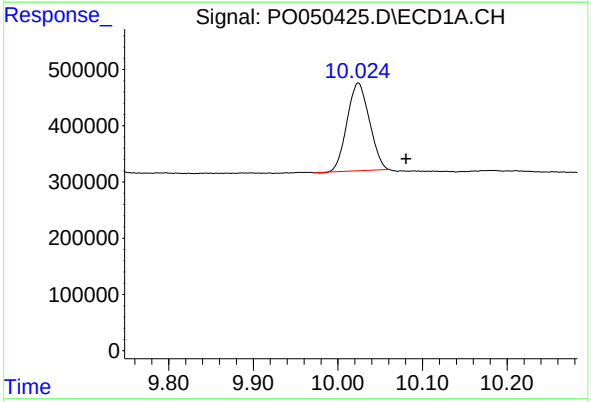
R.T.: 4.360 min
Delta R.T.: 0.011 min
Response: 5537227
Conc: 18.56 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**



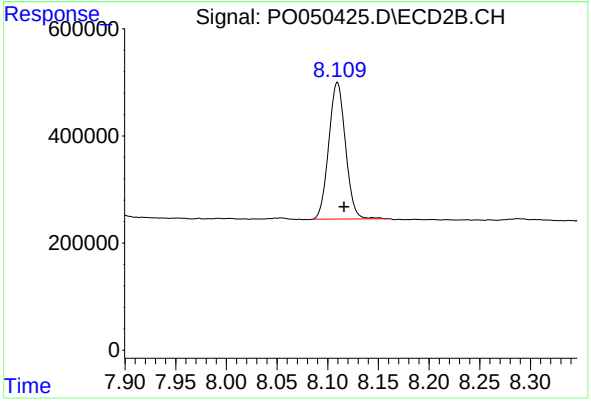

#1 Tetrachloro-m-xylene

R.T.: 3.356 min
Delta R.T.: -0.004 min
Response: 4337972
Conc: 22.06 ng/ml



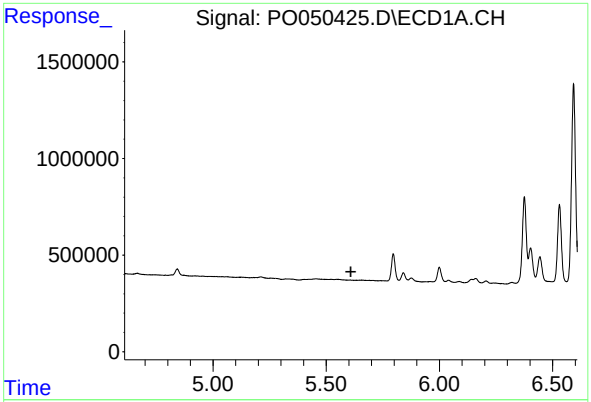

#2 Decachlorobiphenyl

R.T.: 10.024 min
Delta R.T.: -0.056 min
Response: 2861585
Conc: 13.19 ng/ml




#2 Decachlorobiphenyl

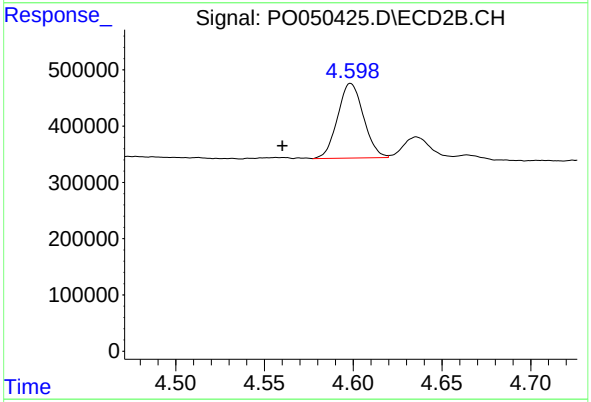
R.T.: 8.110 min
Delta R.T.: -0.007 min
Response: 2935797
Conc: 15.36 ng/ml




#5 AR-1016-3

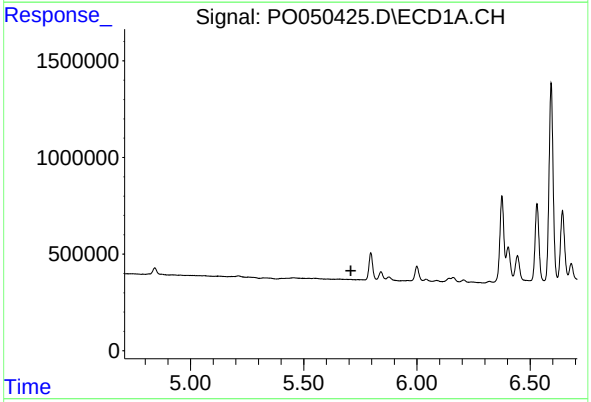
R.T.: 0.000 min
Exp R.T. : 5.609 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_O
**ClientSampleId :**



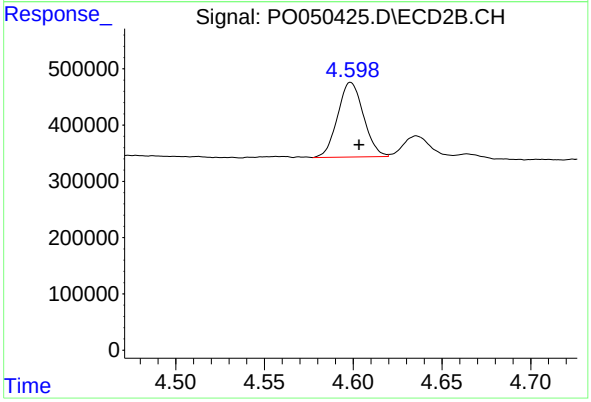

#5 AR-1016-3

R.T.: 4.599 min
Delta R.T.: 0.039 min
Response: 1344796
Conc: 204.76 ng/ml



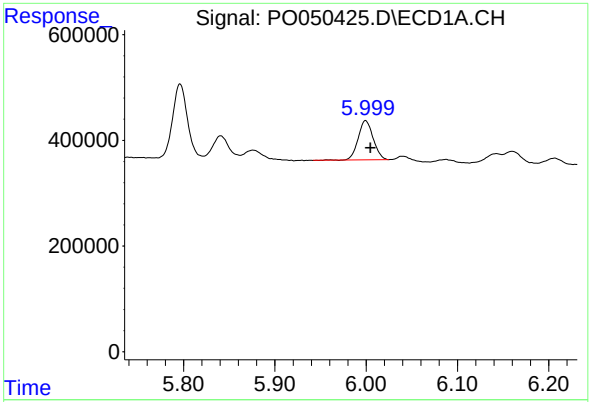

#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.708 min
Response: 0
Conc: N.D.




#6 AR-1016-4

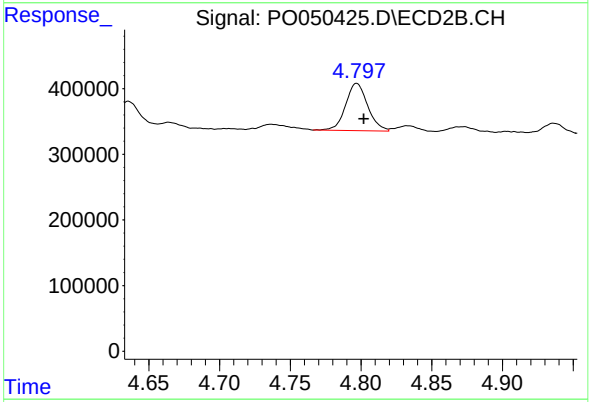
R.T.: 4.599 min
Delta R.T.: -0.005 min
Response: 1344796
Conc: 253.87 ng/ml




#7 AR-1016-5

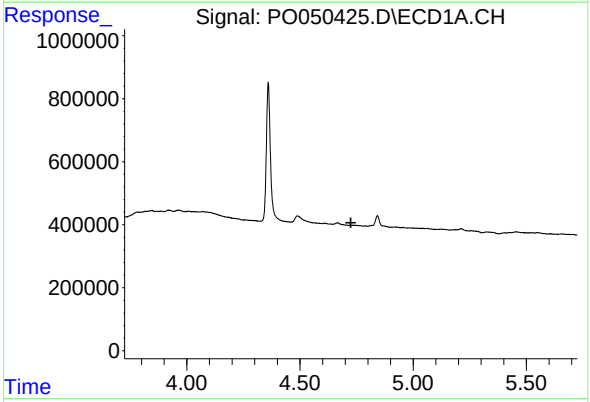
R.T.: 5.999 min
Delta R.T.: -0.005 min
Response: 850041
Conc: 99.64 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**



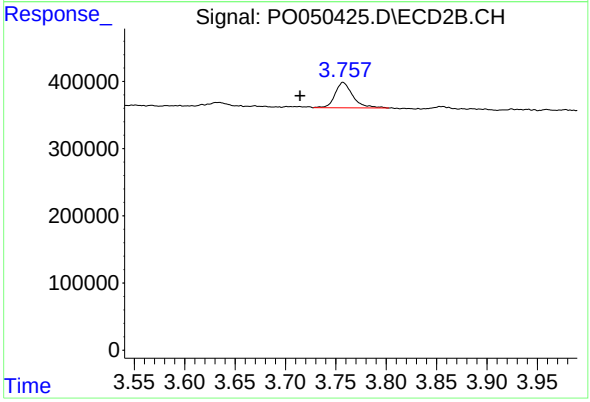

#7 AR-1016-5

R.T.: 4.797 min
Delta R.T.: -0.005 min
Response: 782305
Conc: 112.96 ng/ml



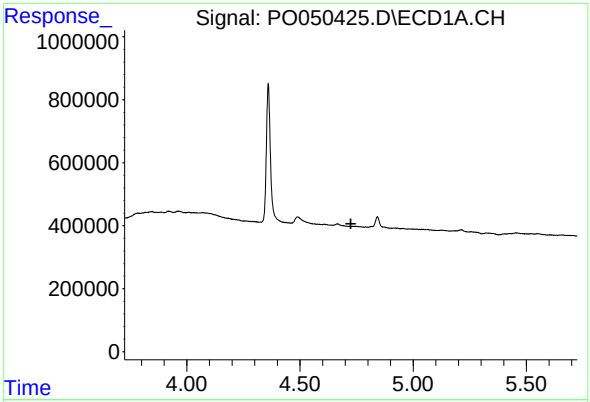

#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.725 min
Response: 0
Conc: N.D.




#10 AR-1221-3

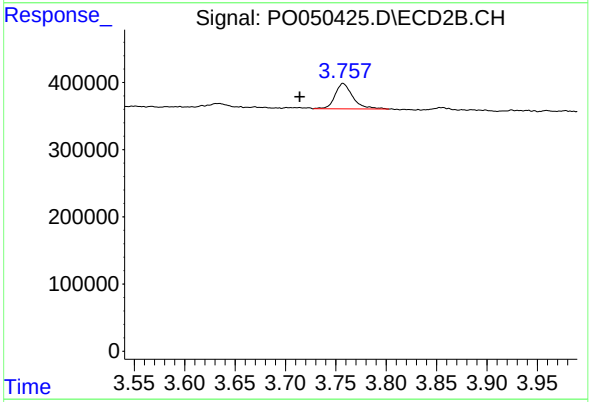
R.T.: 3.757 min
Delta R.T.: 0.043 min
Response: 467225
Conc: 89.05 ng/ml




#11 AR-1232-1

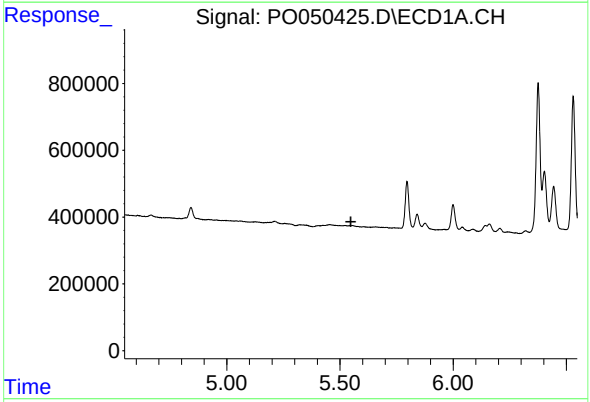
R.T.: 0.000 min
Exp R.T. : 4.725 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_O
**ClientSampleId :**



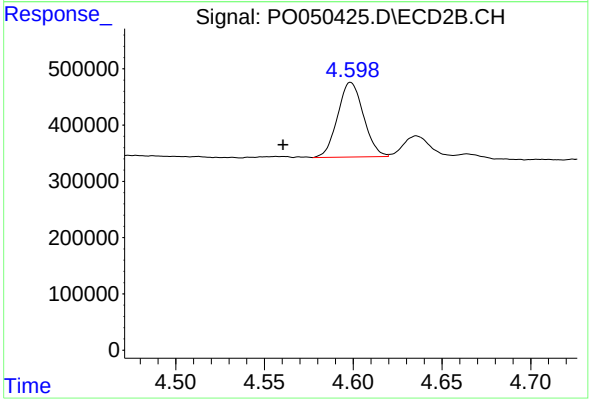

#11 AR-1232-1

R.T.: 3.757 min
Delta R.T.: 0.043 min
Response: 467225
Conc: 120.89 ng/ml



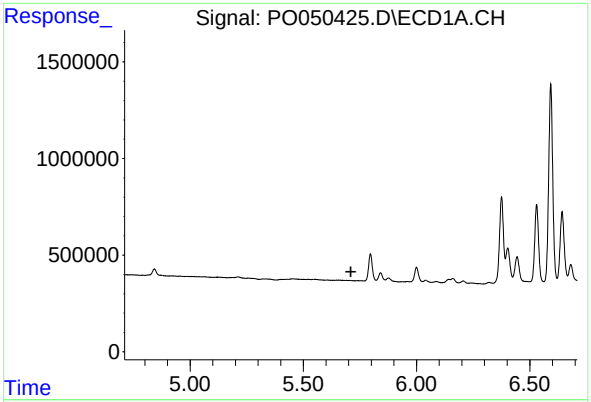

#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 5.548 min
Response: 0
Conc: N.D.




#13 AR-1232-3

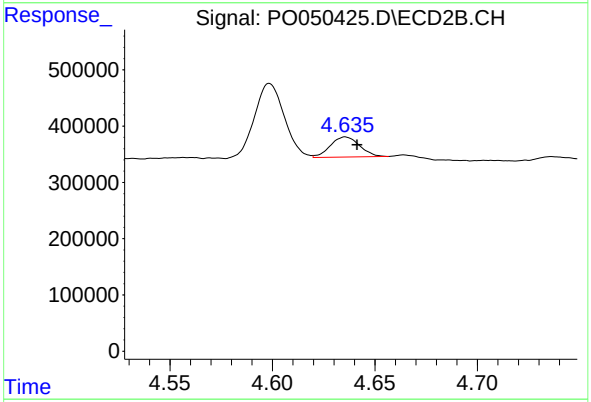
R.T.: 4.599 min
Delta R.T.: 0.038 min
Response: 1344796
Conc: 584.47 ng/ml




#14 AR-1232-4

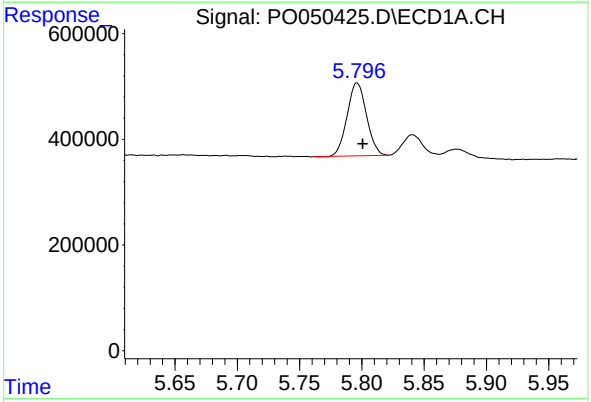
R.T.: 0.000 min
Exp R.T. : 5.710 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_O
**ClientSampleId :**



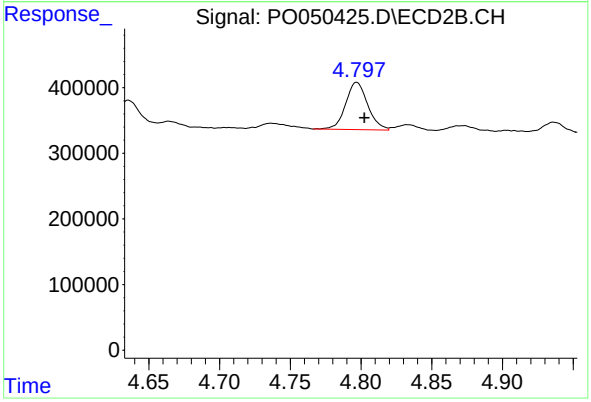

#14 AR-1232-4

R.T.: 4.636 min
Delta R.T.: -0.006 min
Response: 354468
Conc: 172.99 ng/ml



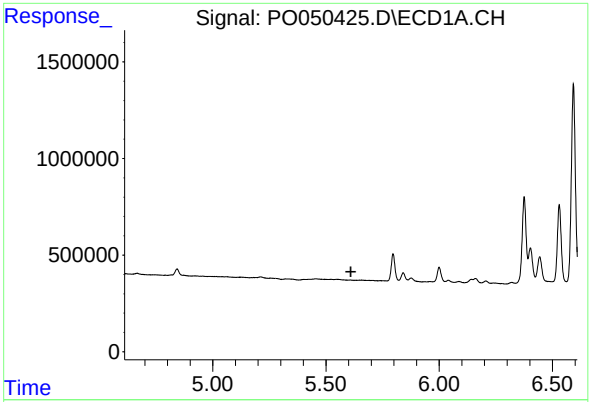

#15 AR-1232-5

R.T.: 5.796 min
Delta R.T.: -0.005 min
Response: 1500985
Conc: 658.71 ng/ml




#15 AR-1232-5

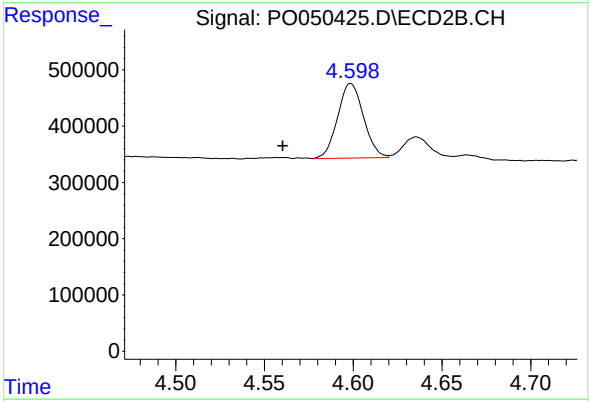
R.T.: 4.797 min
Delta R.T.: -0.005 min
Response: 782305
Conc: 355.23 ng/ml




#18 AR-1242-3

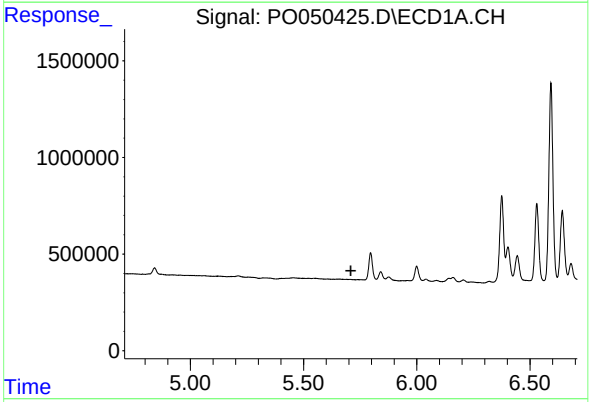
R.T.: 0.000 min
Exp R.T. : 5.610 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_O
**ClientSampleId :**



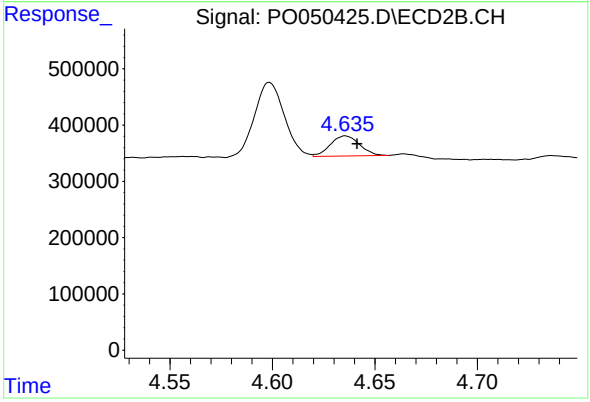

#18 AR-1242-3

R.T.: 4.599 min
Delta R.T.: 0.038 min
Response: 1344796
Conc: 311.73 ng/ml



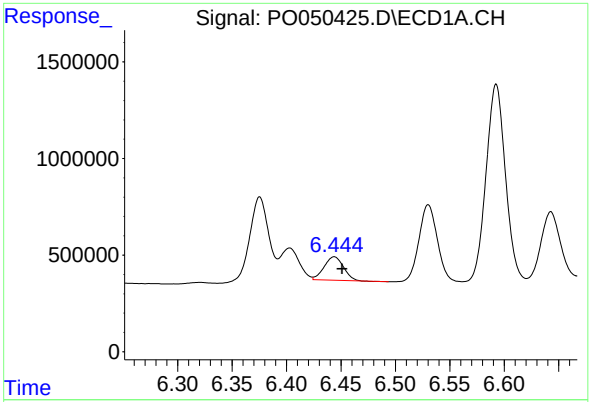

#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 5.709 min
Response: 0
Conc: N.D.




#19 AR-1242-4

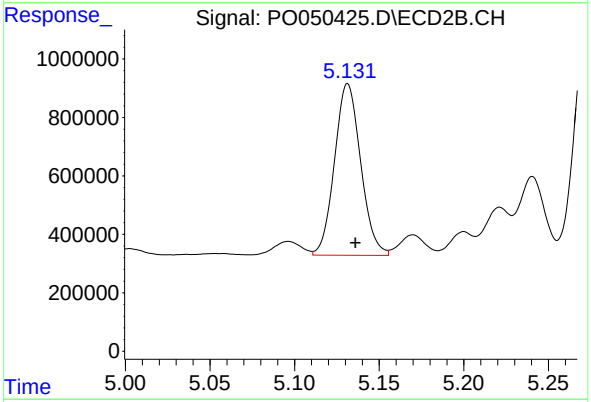
R.T.: 4.636 min
Delta R.T.: -0.006 min
Response: 354468
Conc: 81.14 ng/ml




#20 AR-1242-5

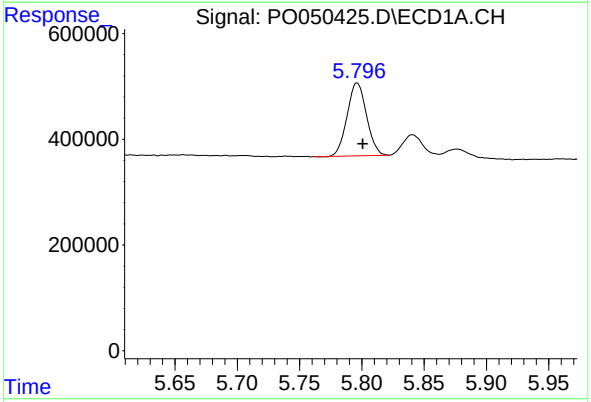
R.T.: 6.444 min
Delta R.T.: -0.007 min
Response: 1502416
Conc: 247.95 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**



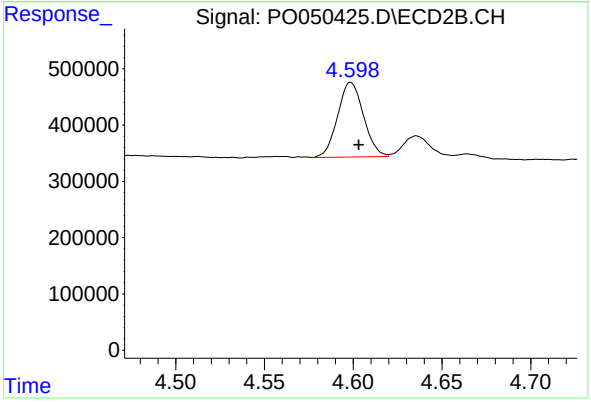

#20 AR-1242-5

R.T.: 5.131 min
Delta R.T.: -0.005 min
Response: 6313938
Conc: 1131.76 ng/ml



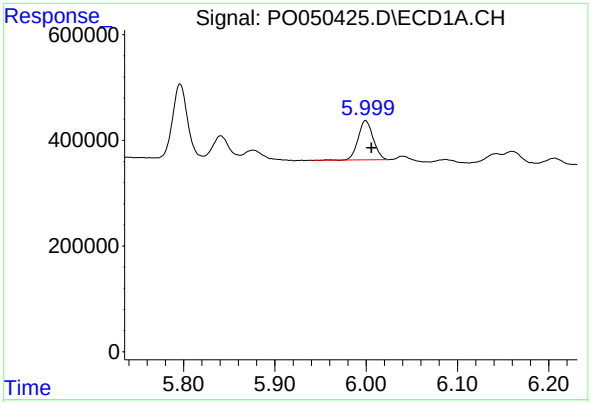

#22 AR-1248-2

R.T.: 5.796 min
Delta R.T.: -0.005 min
Response: 1500985
Conc: 164.49 ng/ml




#22 AR-1248-2

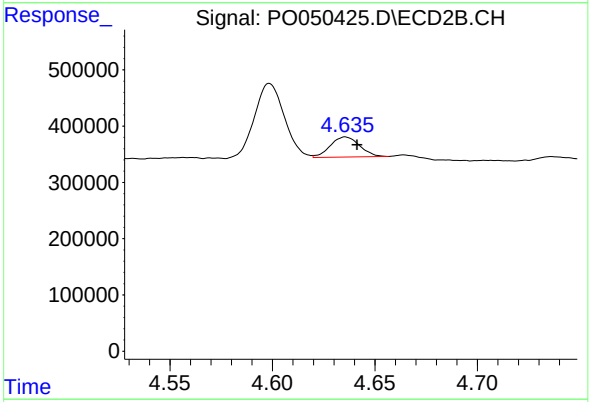
R.T.: 4.599 min
Delta R.T.: -0.005 min
Response: 1344796
Conc: 203.90 ng/ml




#23 AR-1248-3

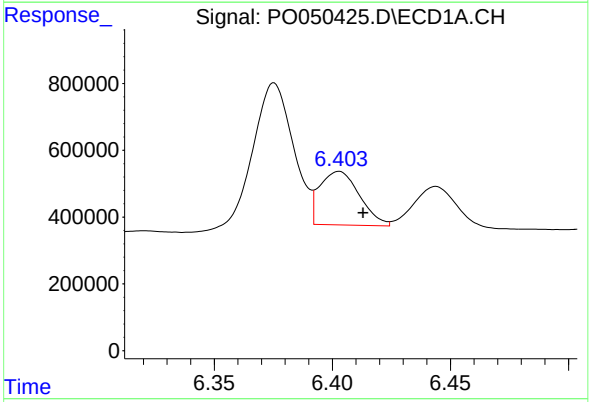
R.T.: 5.999 min
Delta R.T.: -0.007 min
Response: 850041
Conc: 82.35 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**



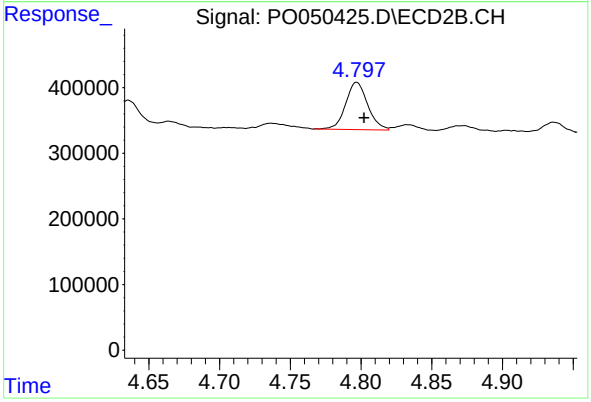

#23 AR-1248-3

R.T.: 4.636 min
Delta R.T.: -0.006 min
Response: 354468
Conc: 53.34 ng/ml



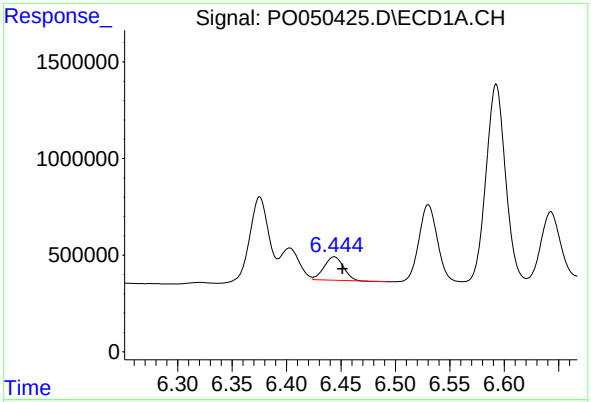

#24 AR-1248-4

R.T.: 6.403 min
Delta R.T.: -0.010 min
Response: 1879321
Conc: 167.09 ng/ml




#24 AR-1248-4

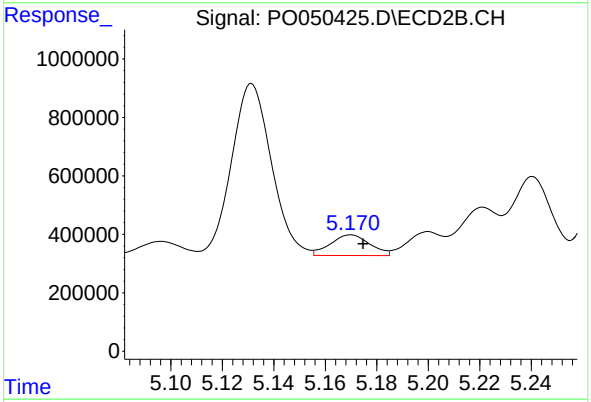
R.T.: 4.797 min
Delta R.T.: -0.005 min
Response: 782305
Conc: 95.81 ng/ml




#25 AR-1248-5

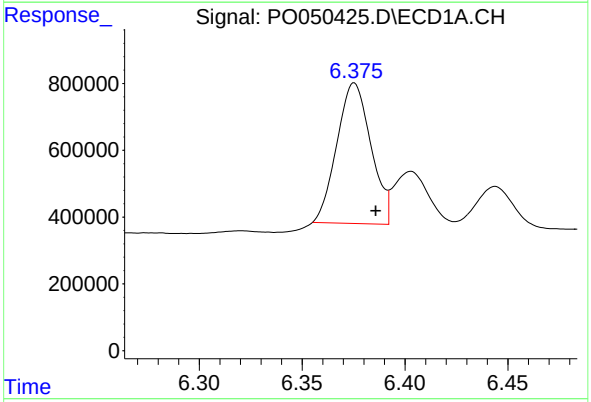
R.T.: 6.444 min
Delta R.T.: -0.007 min
Response: 1502416
Conc: 135.63 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**



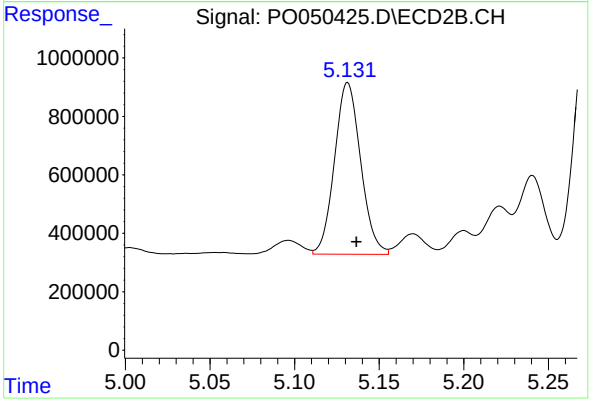

#25 AR-1248-5

R.T.: 5.170 min
Delta R.T.: -0.005 min
Response: 755538
Conc: 95.55 ng/ml



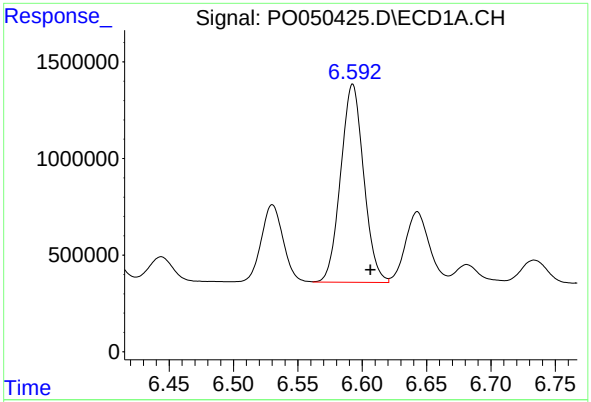

#26 AR-1254-1

R.T.: 6.375 min
Delta R.T.: -0.010 min
Response: 4846245
Conc: 370.44 ng/ml




#26 AR-1254-1

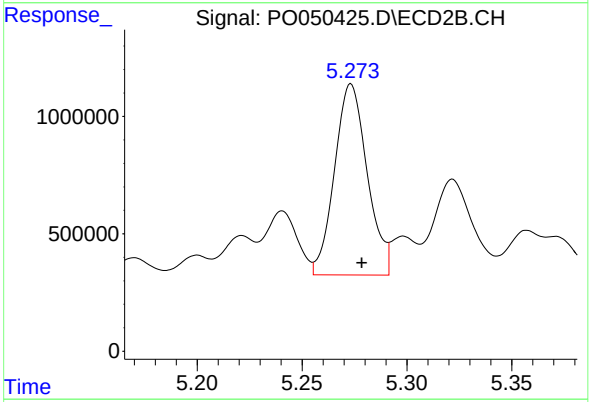
R.T.: 5.131 min
Delta R.T.: -0.005 min
Response: 6313938
Conc: 435.53 ng/ml




#27 AR-1254-2

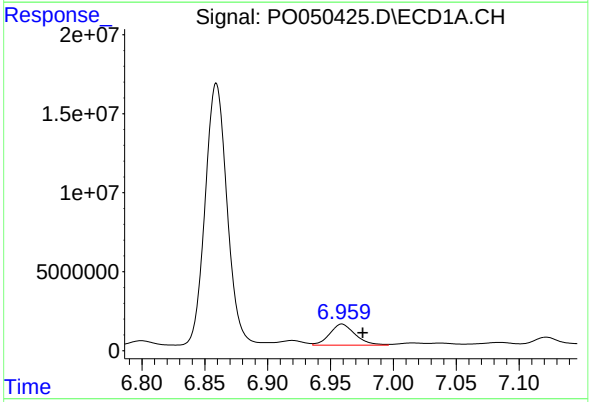
R.T.: 6.593 min
Delta R.T.: -0.014 min
Response: 12758617
Conc: 625.80 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**



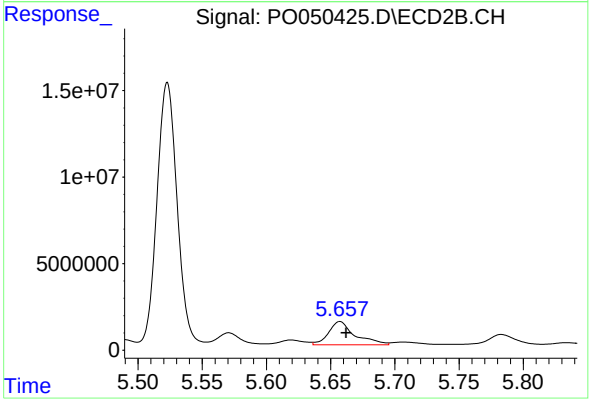

#27 AR-1254-2

R.T.: 5.273 min
Delta R.T.: -0.005 min
Response: 8825824
Conc: 694.63 ng/ml



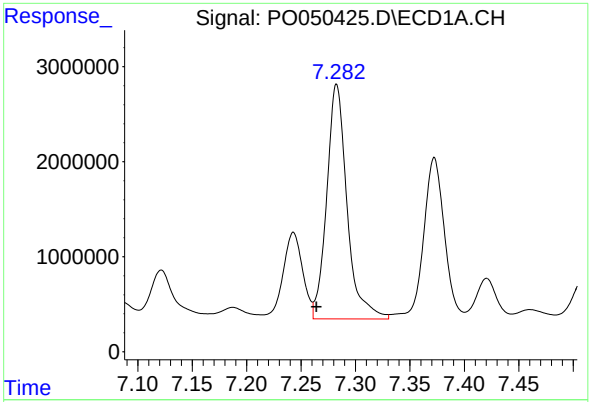

#28 AR-1254-3

R.T.: 6.959 min
Delta R.T.: -0.017 min
Response: 18905939
Conc: 875.67 ng/ml




#28 AR-1254-3

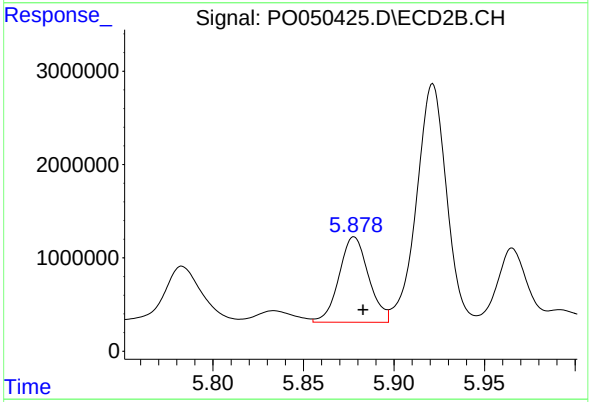
R.T.: 5.657 min
Delta R.T.: -0.005 min
Response: 19116833
Conc: 933.01 ng/ml




#29 AR-1254-4

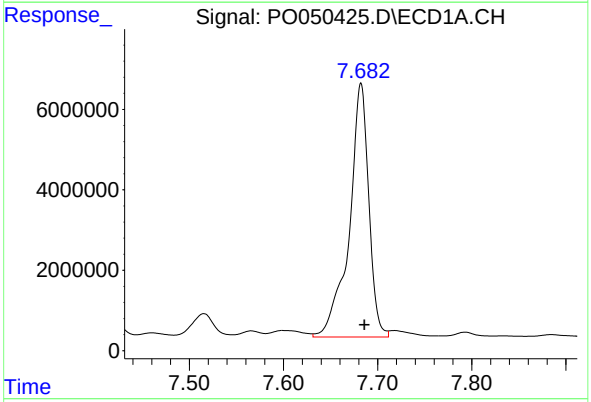
R.T.: 7.283 min
Delta R.T.: 0.019 min
Response: 32124592
Conc: 2221.01 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**



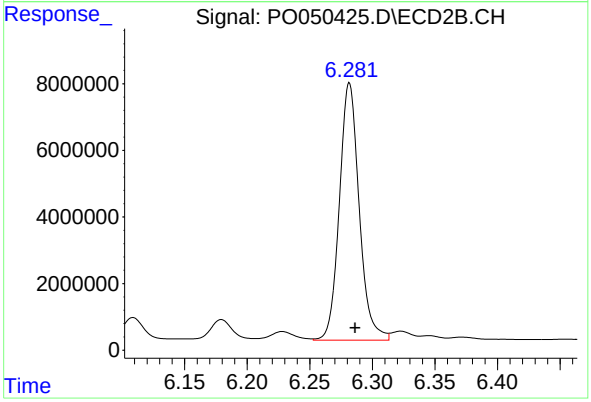

#29 AR-1254-4

R.T.: 5.878 min
Delta R.T.: -0.005 min
Response: 10420198
Conc: 894.79 ng/ml



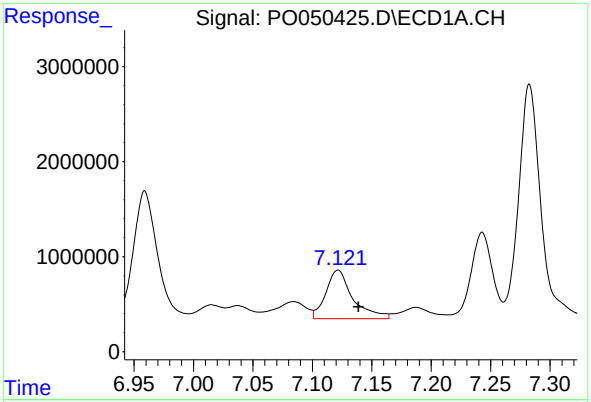

#30 AR-1254-5

R.T.: 7.682 min
Delta R.T.: -0.004 min
Response: 90989440
Conc: 5831.51 ng/ml




#30 AR-1254-5

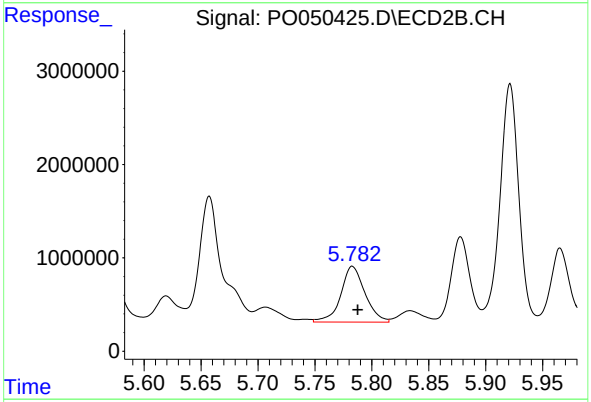
R.T.: 6.282 min
Delta R.T.: -0.005 min
Response: 85179942
Conc: 4876.48 ng/ml




#31 AR-1260-1

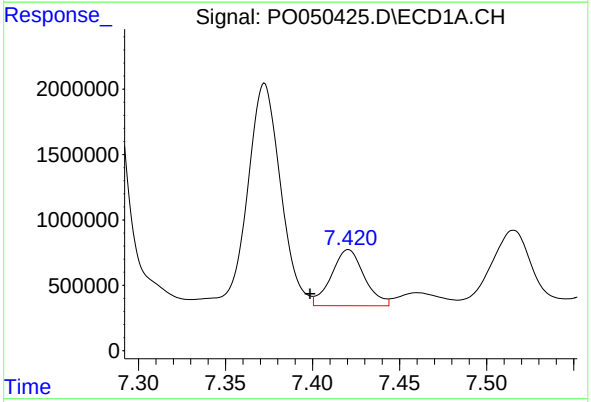
R.T.: 7.122 min
Delta R.T.: -0.017 min
Response: 8070893
Conc: 473.85 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**



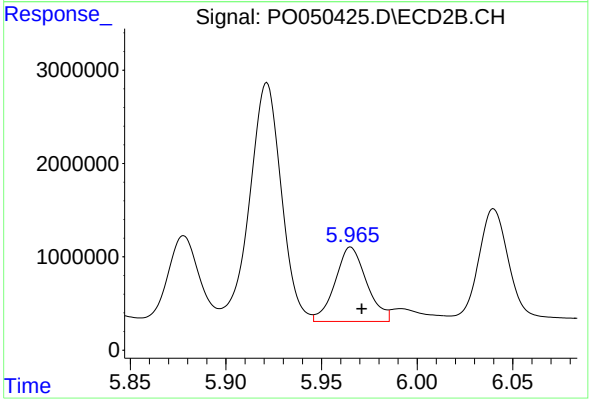

#31 AR-1260-1

R.T.: 5.783 min
Delta R.T.: -0.005 min
Response: 8849285
Conc: 584.12 ng/ml



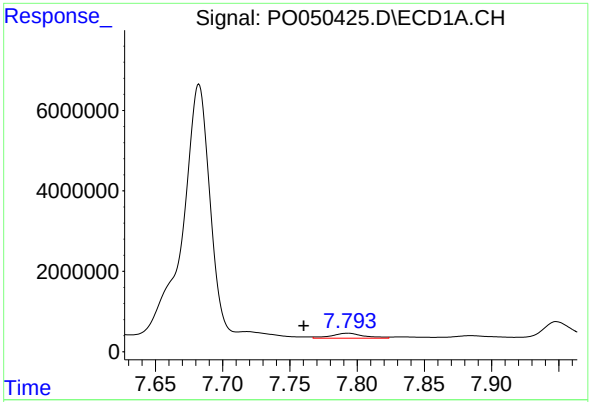

#32 AR-1260-2

R.T.: 7.421 min
Delta R.T.: 0.022 min
Response: 5646017
Conc: 285.51 ng/ml




#32 AR-1260-2

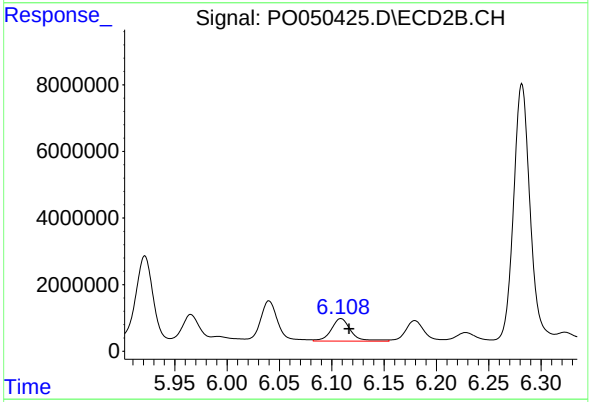
R.T.: 5.965 min
Delta R.T.: -0.006 min
Response: 9171761
Conc: 495.80 ng/ml




#33 AR-1260-3

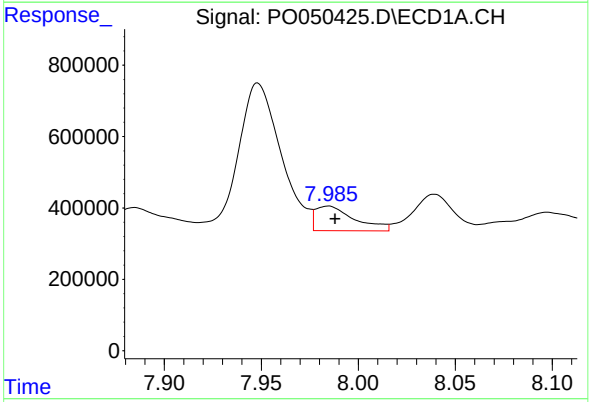
R.T.: 7.793 min
Delta R.T.: 0.033 min
Response: 2048912
Conc: 143.14 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**



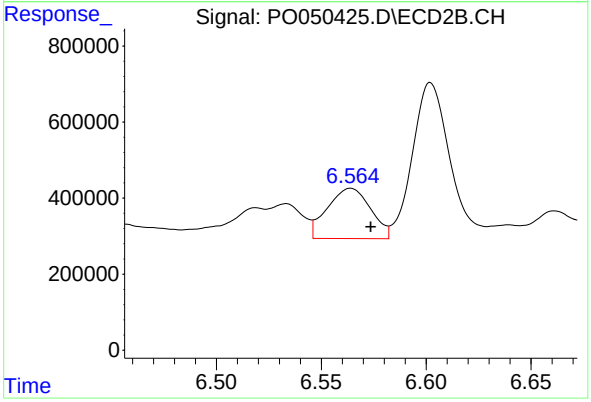

#33 AR-1260-3

R.T.: 6.109 min
Delta R.T.: -0.008 min
Response: 8864542
Conc: 517.94 ng/ml



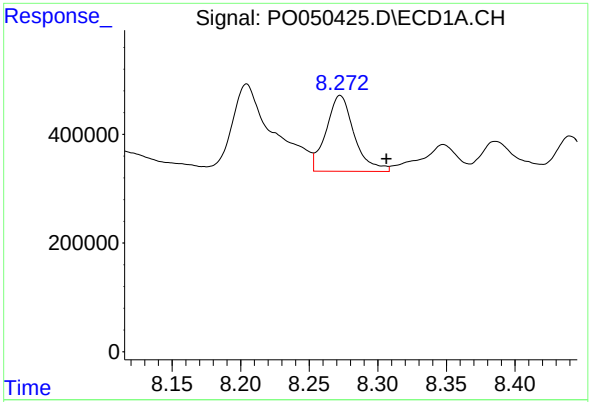

#34 AR-1260-4

R.T.: 7.985 min
Delta R.T.: -0.003 min
Response: 966095
Conc: 59.66 ng/ml




#34 AR-1260-4

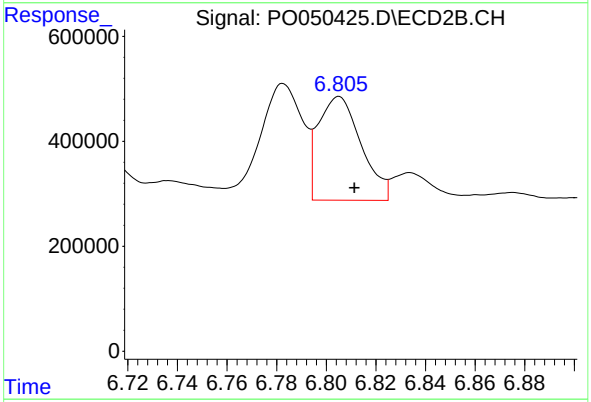
R.T.: 6.564 min
Delta R.T.: -0.010 min
Response: 1900470
Conc: 140.18 ng/ml




#35 AR-1260-5

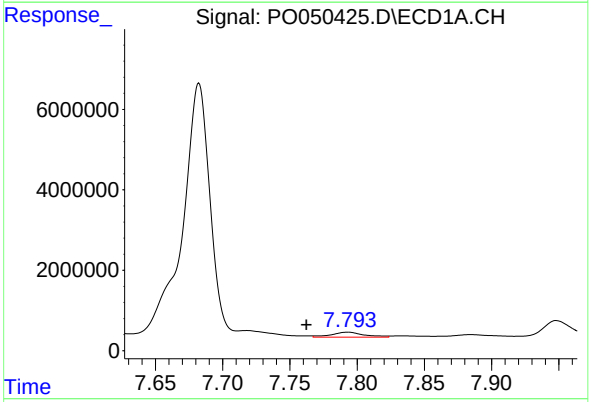
R.T.: 8.273 min
Delta R.T.: -0.034 min
Response: 1989809
Conc: 65.50 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**



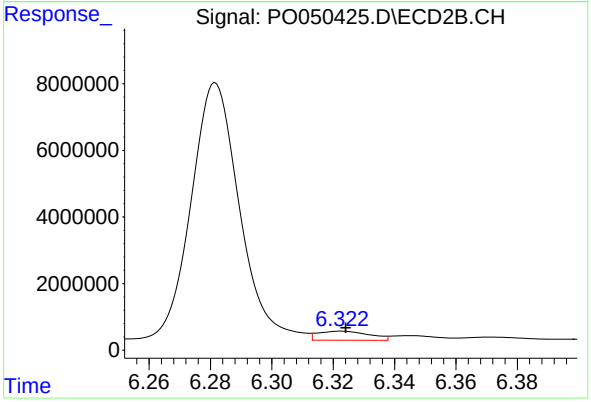

#35 AR-1260-5

R.T.: 6.805 min
Delta R.T.: -0.006 min
Response: 2369695
Conc: 77.55 ng/ml



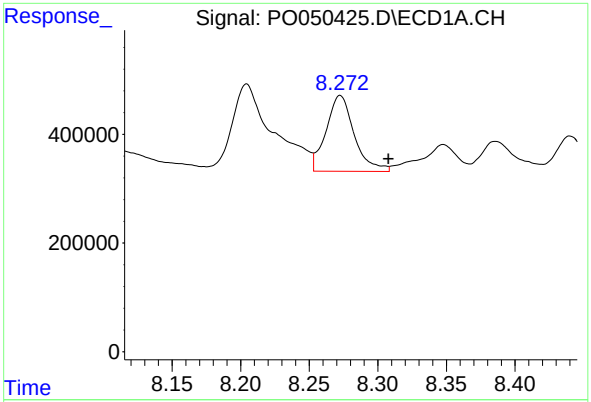

#36 AR-1262-1

R.T.: 7.793 min
Delta R.T.: 0.031 min
Response: 2048912
Conc: 131.35 ng/ml




#36 AR-1262-1

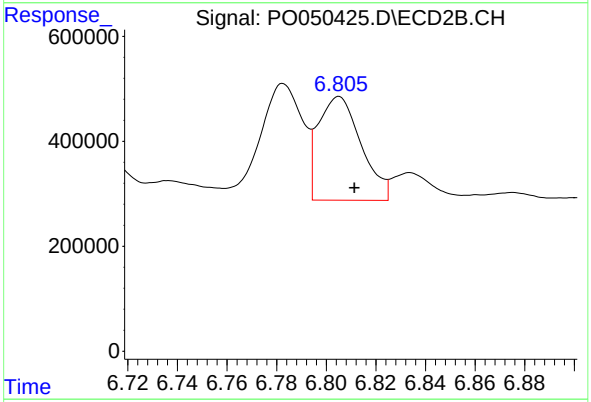
R.T.: 6.323 min
Delta R.T.: -0.001 min
Response: 3157786
Conc: 199.87 ng/ml




#37 AR-1262-2

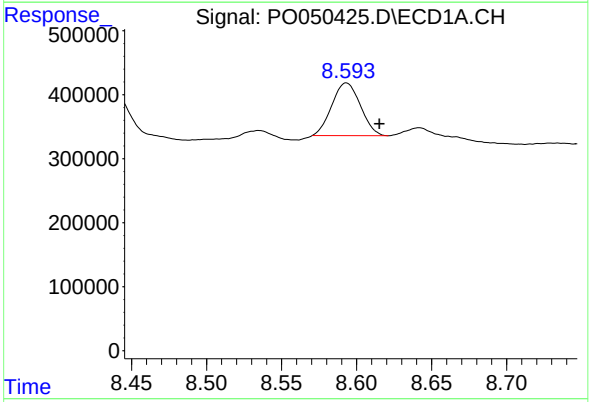
R.T.: 8.273 min
Delta R.T.: -0.035 min
Response: 1989809
Conc: 79.79 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**



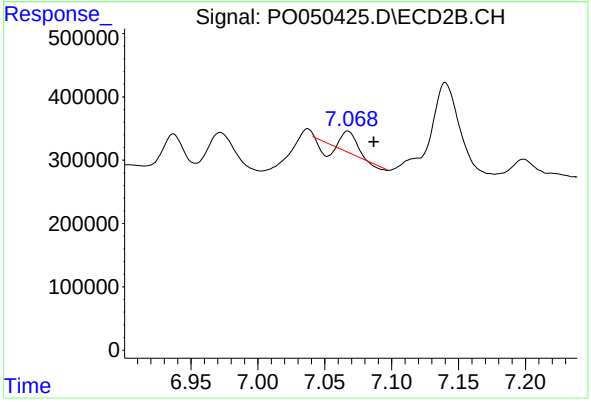

#37 AR-1262-2

R.T.: 6.805 min
Delta R.T.: -0.006 min
Response: 2369695
Conc: 92.54 ng/ml



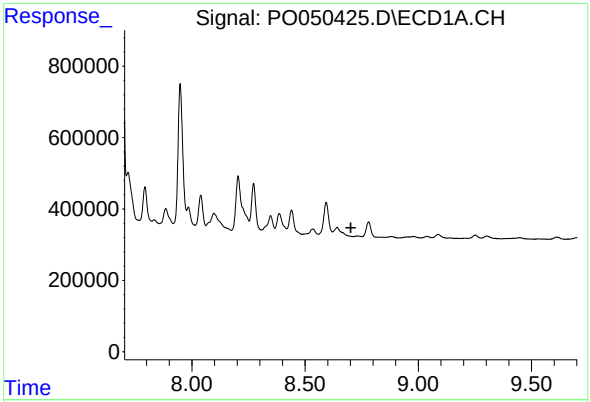

#38 AR-1262-3

R.T.: 8.593 min
Delta R.T.: -0.022 min
Response: 1092123
Conc: 65.80 ng/ml




#38 AR-1262-3

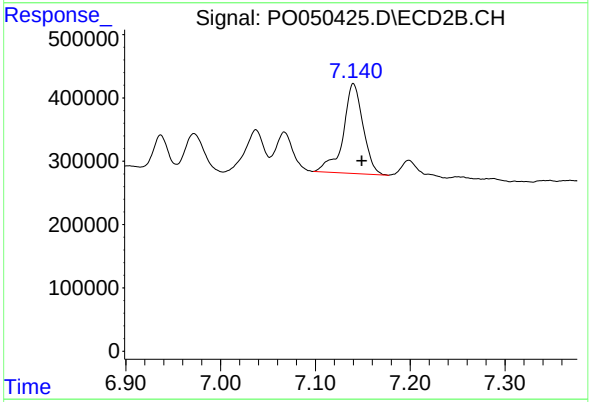
R.T.: 7.067 min
Delta R.T.: -0.019 min
Response: 165074
Conc: 16.15 ng/ml




#39 AR-1262-4

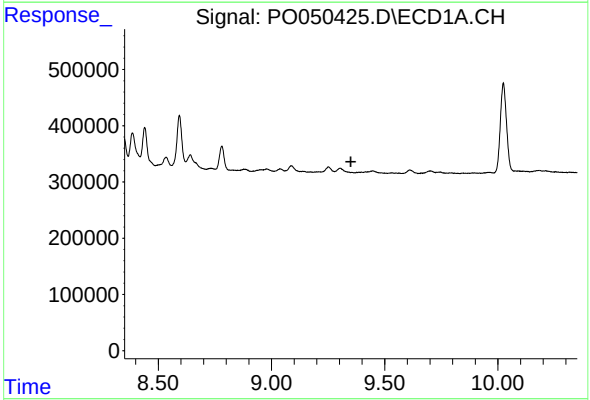
R.T.: 0.000 min
Exp R.T. : 8.702 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_O
**ClientSampleId :**



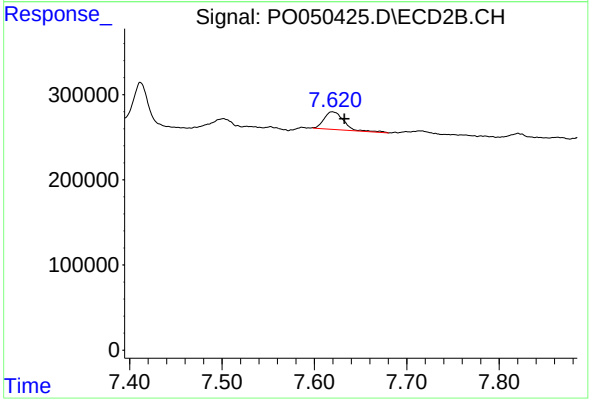

#39 AR-1262-4

R.T.: 7.140 min
Delta R.T.: -0.009 min
Response: 2065443
Conc: 110.09 ng/ml



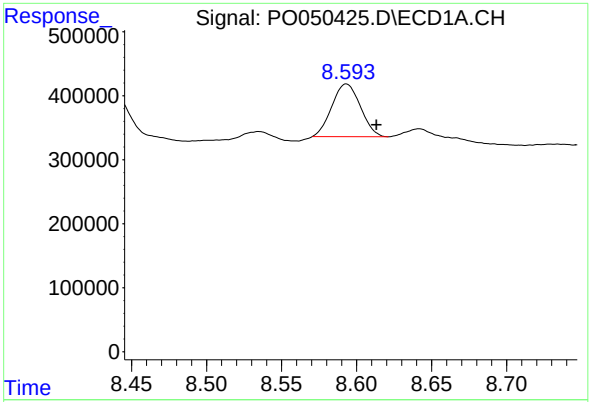

#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.351 min
Response: 0
Conc: N.D.




#40 AR-1262-5

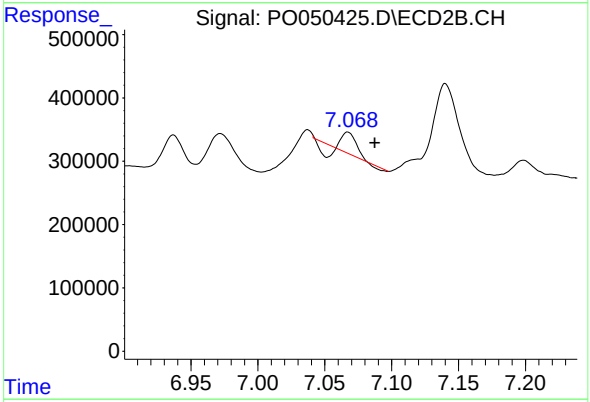
R.T.: 7.619 min
Delta R.T.: -0.013 min
Response: 309814
Conc: 39.45 ng/ml




#41 AR-1268-1

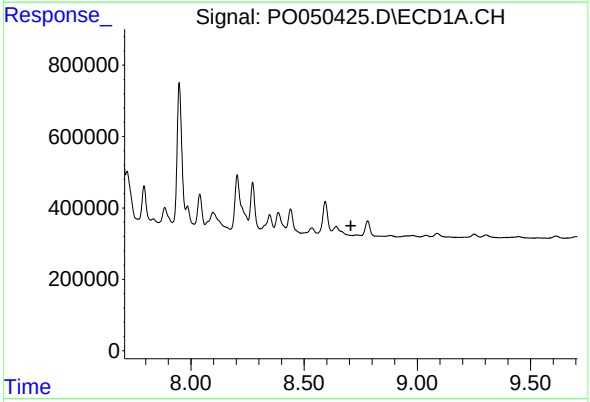
R.T.: 8.593 min
Delta R.T.: -0.020 min
Response: 1092123
Conc: 32.87 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**



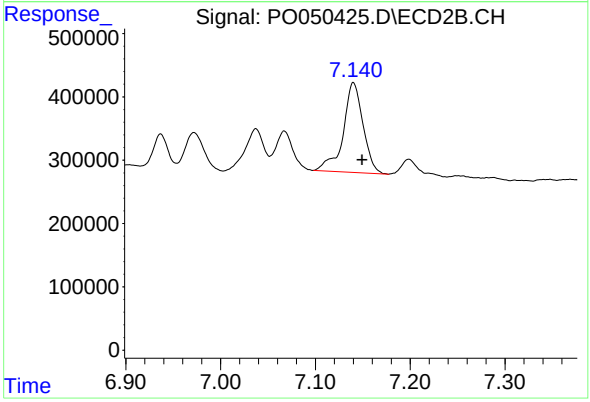

#41 AR-1268-1

R.T.: 7.067 min
Delta R.T.: -0.020 min
Response: 165074
Conc: 4.90 ng/ml



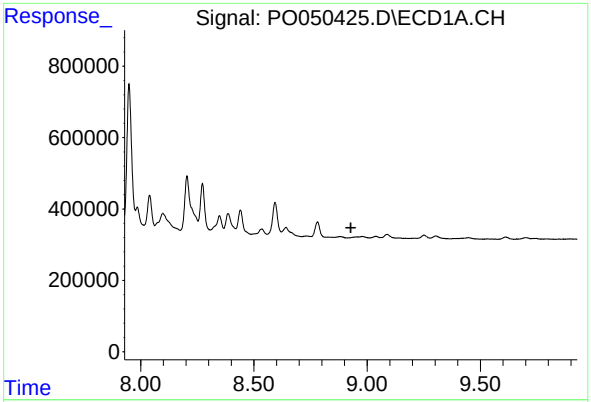

#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.706 min
Response: 0
Conc: N.D.




#42 AR-1268-2

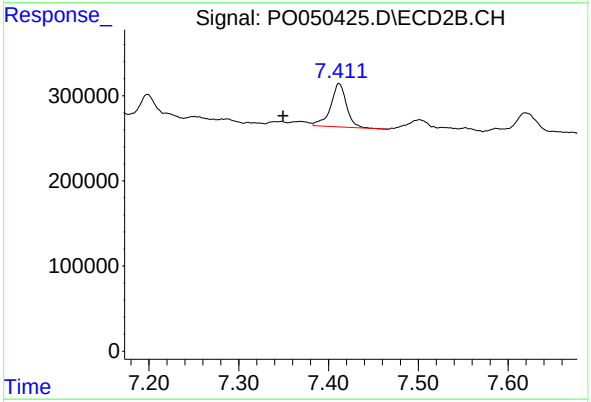
R.T.: 7.140 min
Delta R.T.: -0.009 min
Response: 2065443
Conc: 65.95 ng/ml




#43 AR-1268-3

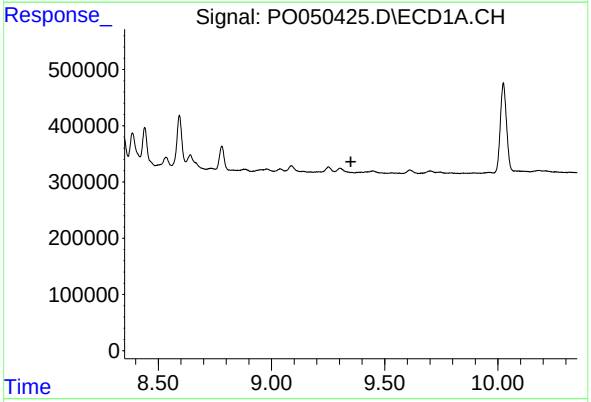
R.T.: 0.000 min
Exp R.T. : 8.928 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_O
**ClientSampleId :**



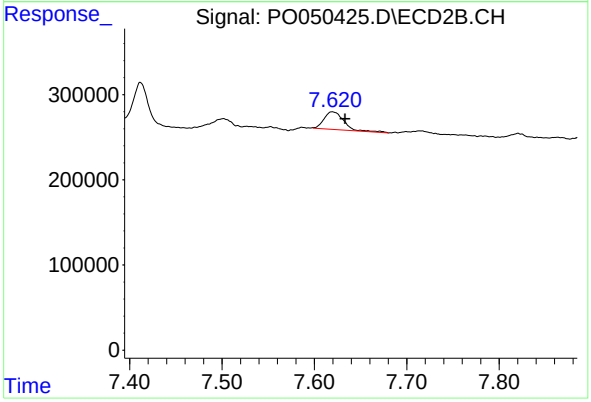

#43 AR-1268-3

R.T.: 7.412 min
Delta R.T.: 0.062 min
Response: 625188
Conc: 23.13 ng/ml




#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.351 min
Response: 0
Conc: N.D.




#44 AR-1268-4

R.T.: 7.619 min
Delta R.T.: -0.014 min
Response: 309814
Conc: 31.76 ng/ml