Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091321\
Data File : PO081190.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 14 Sep 2021 4:16
Operator : AJ\MA
Sample : AR1254CCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 14 05:55:50 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO090221.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Sep 03 07:15:29 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... | 4.926 | 4.052 | 4233724 | 1281139 | 53.631 | 51.843 | |
| 2) | SA Decachlor... | 10.989 | 9.412 | 3133071 | 1155207 | 52.767 | 49.486 | |
| | **Target Compounds** | | | | | | | |
| 3) | L1 AR-1016-1 | 6.258 | 5.323 | 47219 | 11611 | 16.650 | 12.038 | # |
| 4) | L1 AR-1016-2 | 6.284 | 5.344 | 43613 | 11158 | 10.930 | 8.342 | |
| 6) | L1 AR-1016-4 | 0.000 | 5.589 | 0 | 338147 | N.D. | 562.538 | # |
| 7) | L1 AR-1016-5 | 6.771 | 5.821 | 582429 | 184491 | 296.688 | 245.086 | |
| 9) | L2 AR-1221-2 | 5.282 | 4.410 | 53817 | 19164 | 73.209 | 77.740 | |
| 12) | L3 AR-1232-2 | 0.000 | 5.344 | 0 | 11158 | N.D. | 18.203 | # |
| 13) | L3 AR-1232-3 | 6.284 | 0.000 | 43613 | 0 | 24.096 | N.D. | # |
| 14) | L3 AR-1232-4 | 0.000 | 5.633 | 0 | 103982 | N.D. | 344.785 | # |
| 15) | L3 AR-1232-5 | 6.553 | 5.821 | 1007663 | 184491 | 1504.289 | 554.514 | # |
| 16) | L4 AR-1242-1 | 6.258 | 5.323 | 47219 | 11611 | 21.575 | 15.587 | # |
| 17) | L4 AR-1242-2 | 6.284 | 5.344 | 43613 | 11158 | 14.258 | 10.938 | |
| 19) | L4 AR-1242-4 | 0.000 | 5.633 | 0 | 103982 | N.D. | 183.794 | # |
| 20) | L4 AR-1242-5 | 7.244 | 6.203 | 573714 | 794889 | 358.088 | 1097.540 | # |
| 21) | L5 AR-1248-1 | 6.258 | 5.323 | 47219 | 11611 | 27.367 | 19.611 | # |
| 22) | L5 AR-1248-2 | 6.553 | 5.589 | 1007663 | 338147 | 453.070 | 407.130 | |
| 23) | L5 AR-1248-3 | 6.771 | 5.633 | 582429 | 103982 | 220.080 | 122.514 | # |
| 24) | L5 AR-1248-4 | 7.202 | 5.821 | 901699 | 184491 | 313.074 | 186.600 | # |
| 25) | L5 AR-1248-5 | 7.244 | 6.246 | 573714 | 94860 | 208.615 | 104.630 | # |
| 26) | L6 AR-1254-1 | 7.172 | 6.203 | 1840079 | 794889 | 569.369 | 502.496 | |
| 27) | L6 AR-1254-2 | 7.403 | 6.363 | 2811321 | 717090 | 564.868 | 495.992 | |
| 28) | L6 AR-1254-3 | 7.785 | 6.788 | 2854905 | 1103303 | 564.617 | 493.142 | |
| 29) | L6 AR-1254-4 | 8.084 | 7.028 | 2027826 | 719057 | 542.627 | 507.960 | |
| 30) | L6 AR-1254-5 | 8.513 | 7.461 | 2173967 | 1054179 | 525.547 | 499.626 | |
| 31) | L7 AR-1260-1 | 7.953 | 6.925 | 1166933 | 596056 | 335.708 | 406.145 | |
| 32) | L7 AR-1260-2 | 8.220 | 7.122 | 1396950 | 498033 | 313.450 | 283.731 | |
| 33) | L7 AR-1260-3 | 8.575f | 7.278 | 287561 | 528544 | 109.581 | 288.714 | # |
| 34) | L7 AR-1260-4 | 8.811 | 7.765 | 830230 | 57568 | 259.363 | 48.729 | # |
| 35) | L7 AR-1260-5 | 9.146 | 8.013 | 317774 | 123018 | 53.081 | 43.458 | |
| 36) | L8 AR-1262-1 | 8.575f | 7.461 | 287561 | 1054179 | 64.533 | 992.544 | # |
| 37) | L8 AR-1262-2 | 9.146 | 8.013 | 317774 | 123018 | 41.468 | 37.378 | |
| 38) | L8 AR-1262-3 | 9.483f | 0.000 | 248847 | 0 | 73.007 | N.D. | # |
| 39) | L8 AR-1262-4 | 9.531f | 8.364 | 67454 | 123189 | 32.215 | 51.929 | # |
| 41) | L9 AR-1268-1 | 9.483f | 0.000 | 248847 | 0 | 26.960 | N.D. | # |
| 42) | L9 AR-1268-2 | 0.000 | 8.364 | 0 | 123189 | N.D. | 36.296 | # |

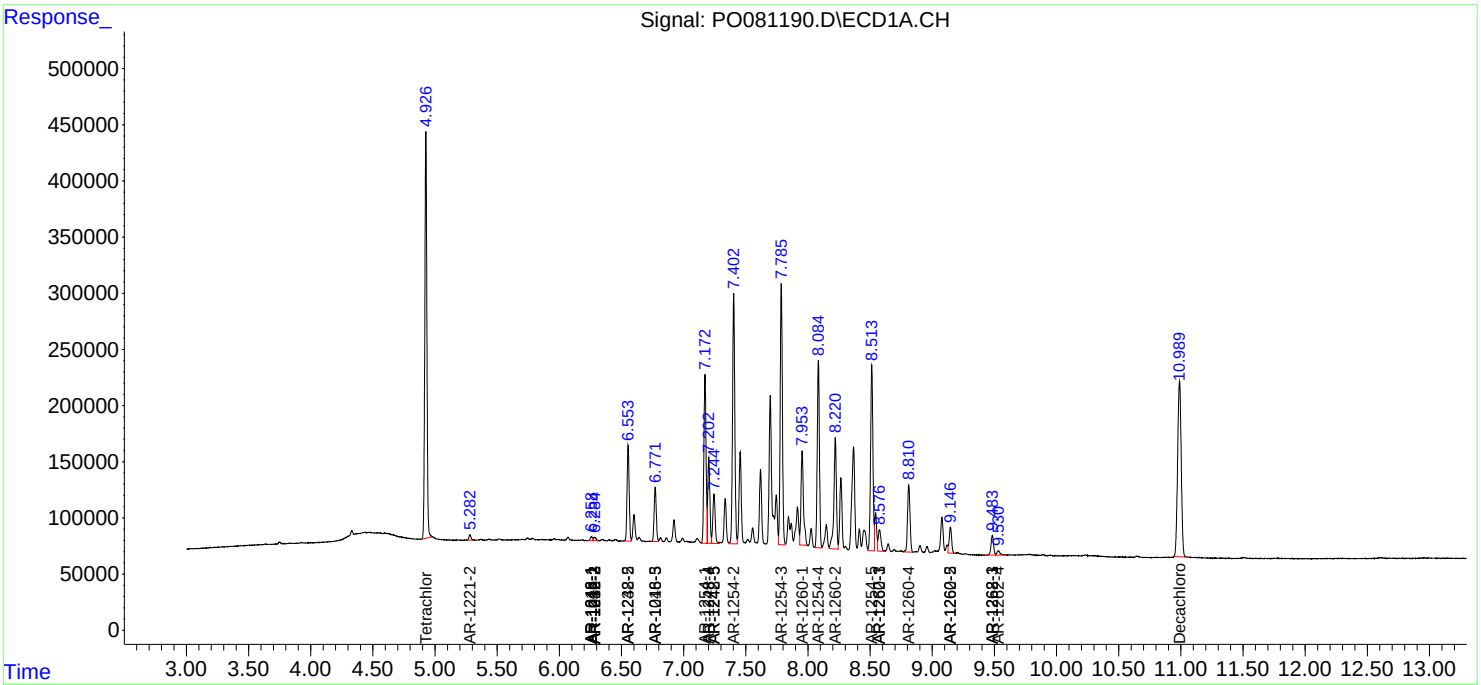
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

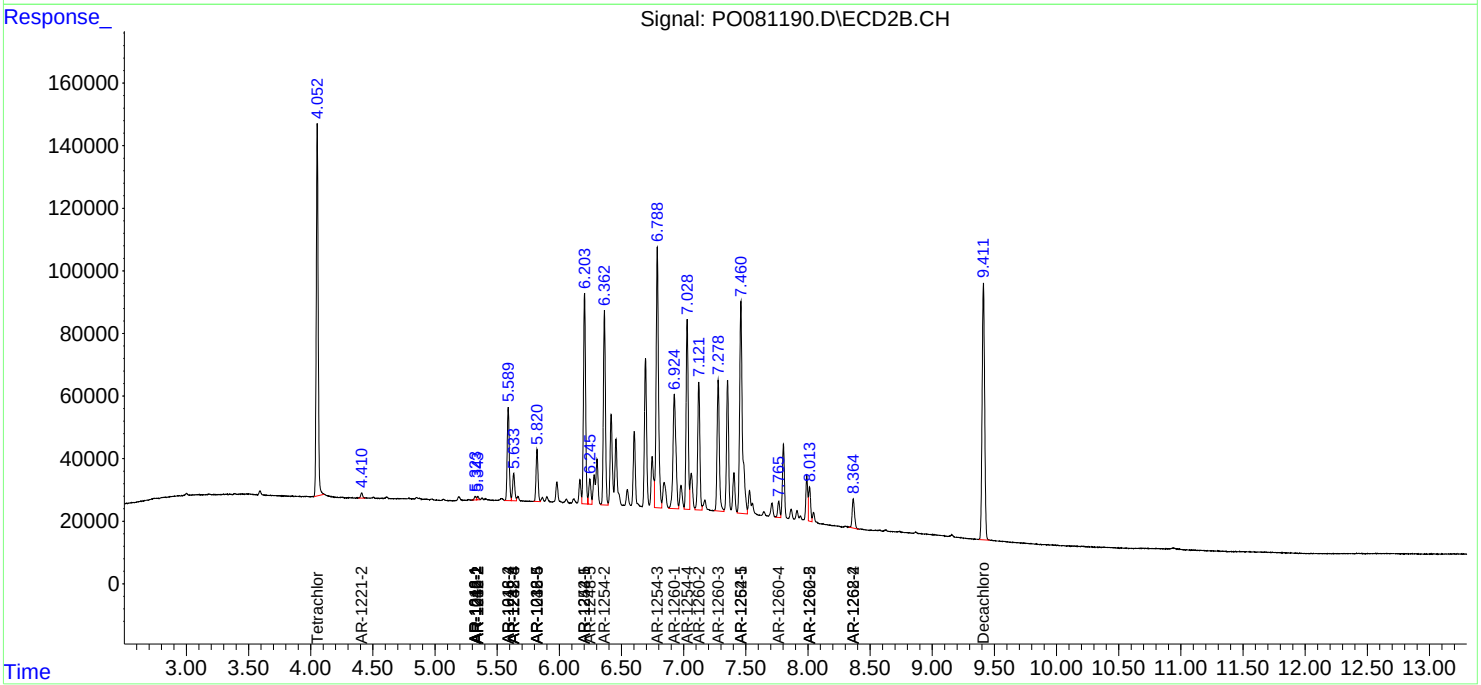
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091321\
Data File : PO081190.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 14 Sep 2021 4:16
Operator : AJ\MA
Sample : AR1254CCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

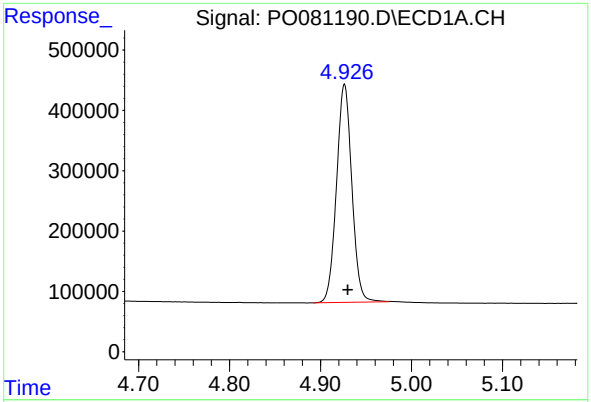
**Instrument :**
ECD_O
**ClientSampleId :**

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 14 05:55:50 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO090221.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Sep 03 07:15:29 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



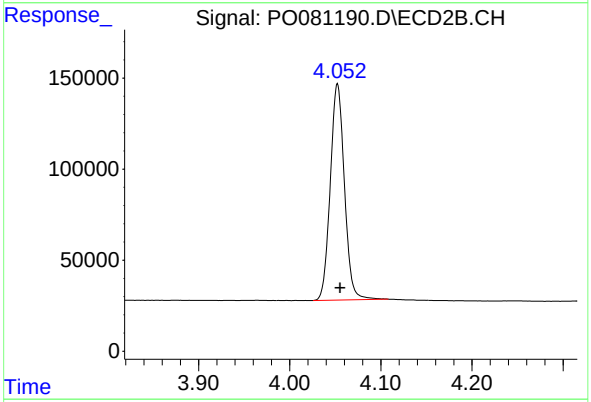






#1 Tetrachloro-m-xylene

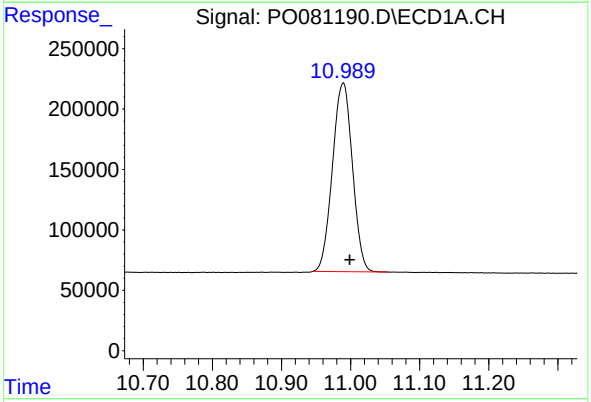
R.T.: 4.926 min
Delta R.T.: -0.004 min
Response: 4233724
Conc: 53.63 ng/ml

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



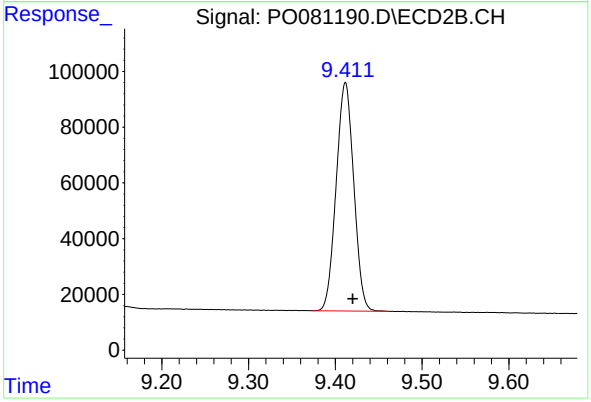

#1 Tetrachloro-m-xylene

R.T.: 4.052 min
Delta R.T.: -0.003 min
Response: 1281139
Conc: 51.84 ng/ml



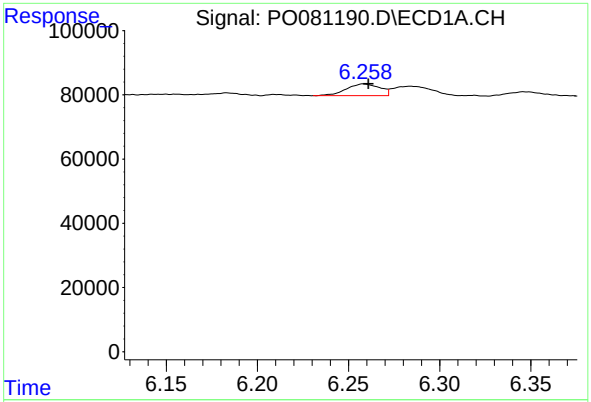

#2 Decachlorobiphenyl

R.T.: 10.989 min
Delta R.T.: -0.009 min
Response: 3133071
Conc: 52.77 ng/ml




#2 Decachlorobiphenyl

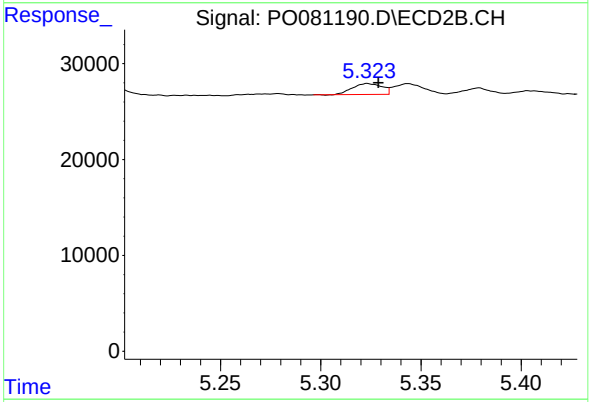
R.T.: 9.412 min
Delta R.T.: -0.008 min
Response: 1155207
Conc: 49.49 ng/ml




#3 AR-1016-1

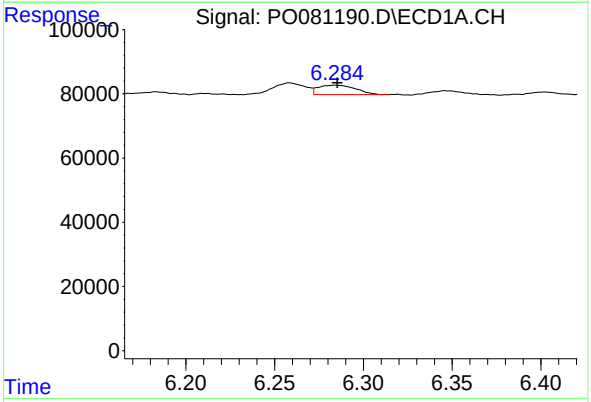
R.T.: 6.258 min
Delta R.T.: -0.003 min
Response: 47219
Conc: 16.65 ng/ml

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



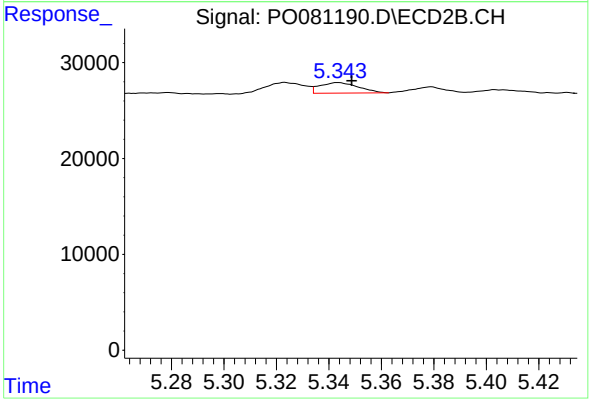

#3 AR-1016-1

R.T.: 5.323 min
Delta R.T.: -0.006 min
Response: 11611
Conc: 12.04 ng/ml



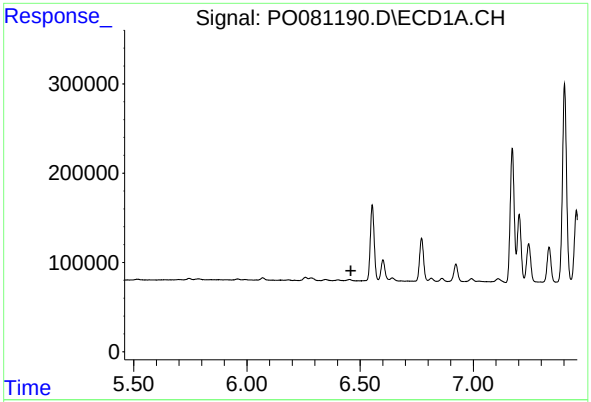

#4 AR-1016-2

R.T.: 6.284 min
Delta R.T.: -0.001 min
Response: 43613
Conc: 10.93 ng/ml




#4 AR-1016-2

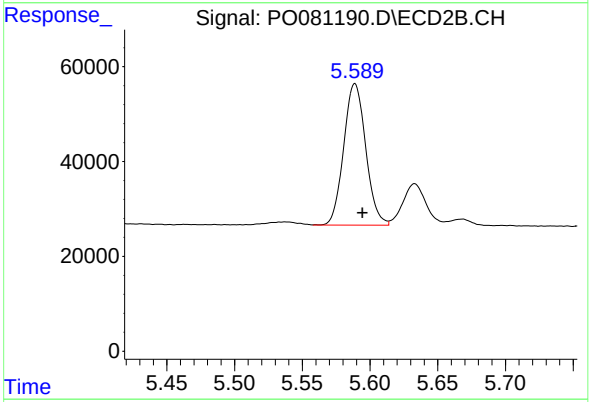
R.T.: 5.344 min
Delta R.T.: -0.005 min
Response: 11158
Conc: 8.34 ng/ml




#6 AR-1016-4

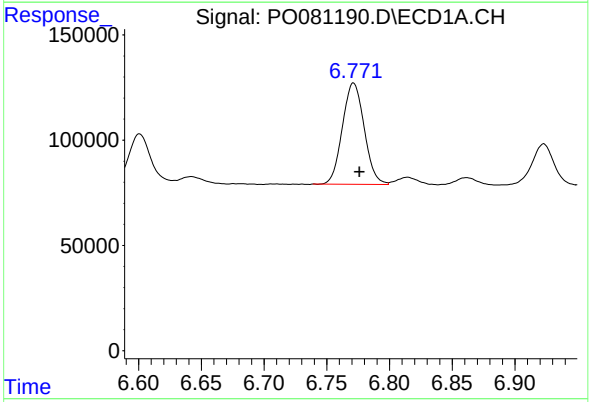
R.T.: 0.000 min
Exp R.T. : 6.459 min
Response: 0
Conc: N.D.

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



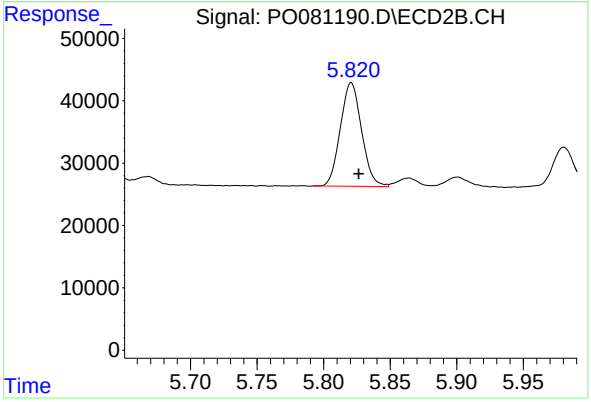

#6 AR-1016-4

R.T.: 5.589 min
Delta R.T.: -0.005 min
Response: 338147
Conc: 562.54 ng/ml



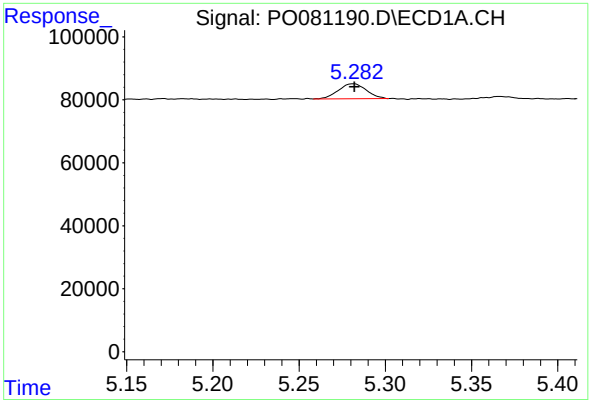

#7 AR-1016-5

R.T.: 6.771 min
Delta R.T.: -0.005 min
Response: 582429
Conc: 296.69 ng/ml




#7 AR-1016-5

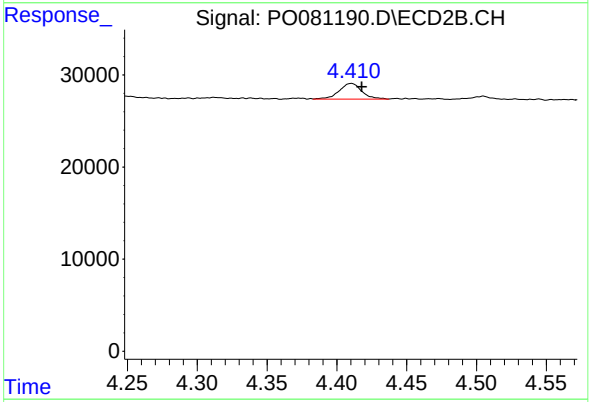
R.T.: 5.821 min
Delta R.T.: -0.006 min
Response: 184491
Conc: 245.09 ng/ml




#9 AR-1221-2

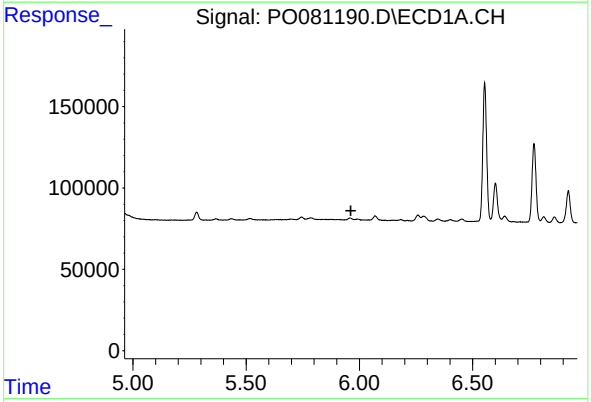
R.T.: 5.282 min
Delta R.T.: 0.000 min
Response: 53817
Conc: 73.21 ng/ml

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



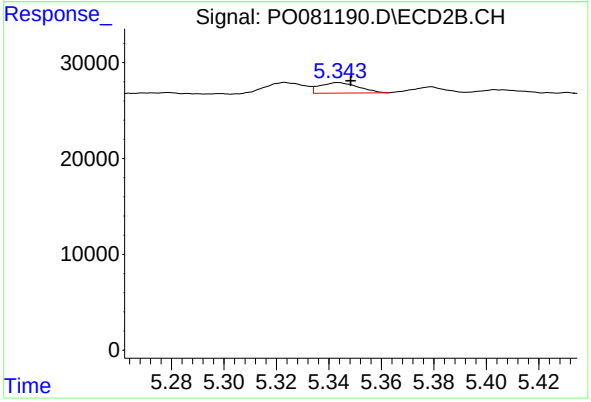

#9 AR-1221-2

R.T.: 4.410 min
Delta R.T.: -0.007 min
Response: 19164
Conc: 77.74 ng/ml



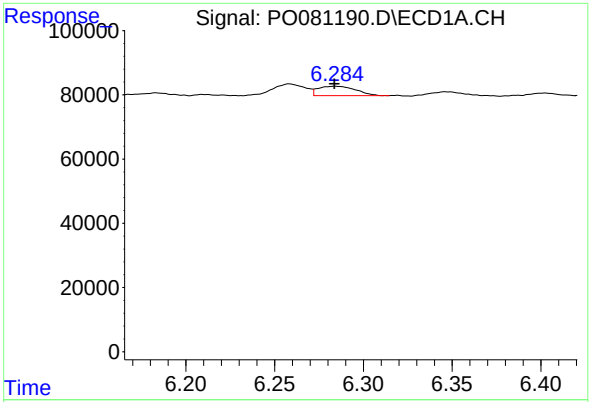

#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.962 min
Response: 0
Conc: N.D.




#12 AR-1232-2

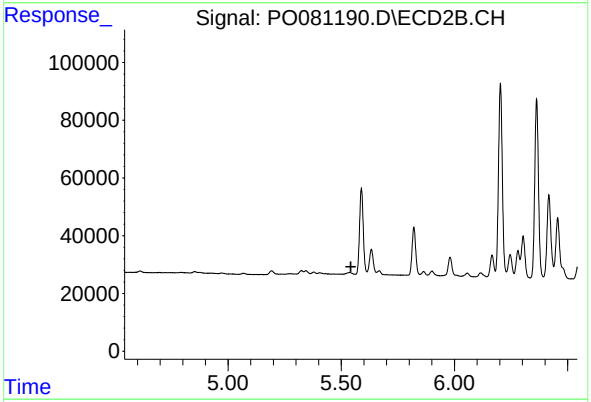
R.T.: 5.344 min
Delta R.T.: -0.005 min
Response: 11158
Conc: 18.20 ng/ml




#13 AR-1232-3

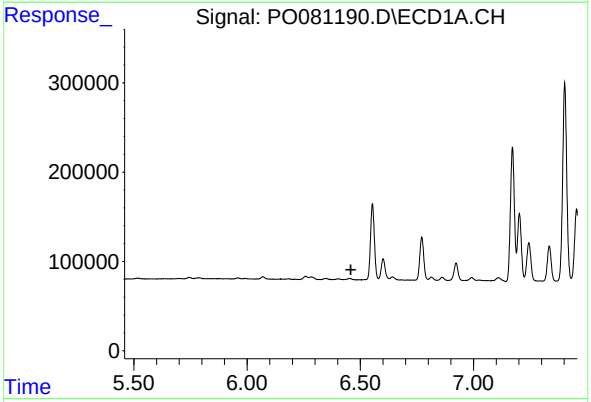
R.T.: 6.284 min
Delta R.T.: 0.000 min
Response: 43613
Conc: 24.10 ng/ml

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



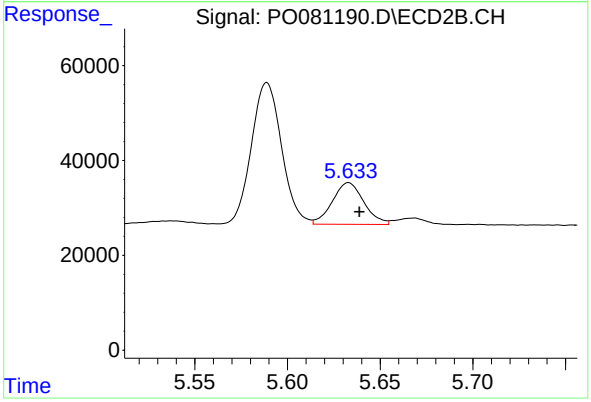

#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 5.543 min
Response: 0
Conc: N.D.



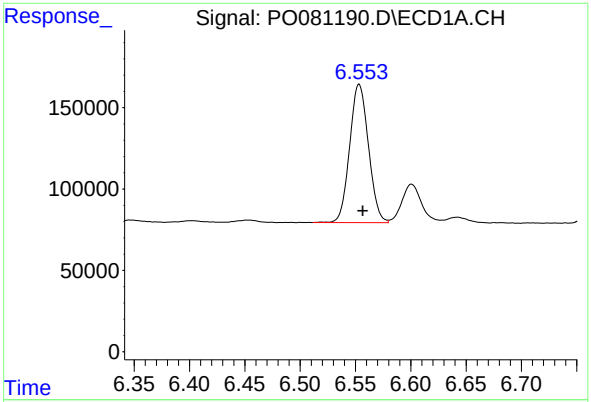

#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 6.458 min
Response: 0
Conc: N.D.




#14 AR-1232-4

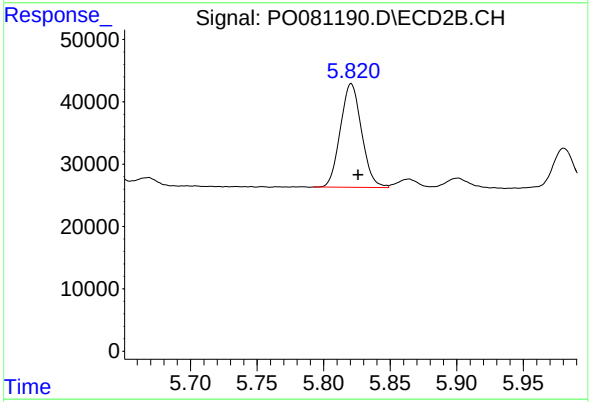
R.T.: 5.633 min
Delta R.T.: -0.006 min
Response: 103982
Conc: 344.78 ng/ml




#15 AR-1232-5

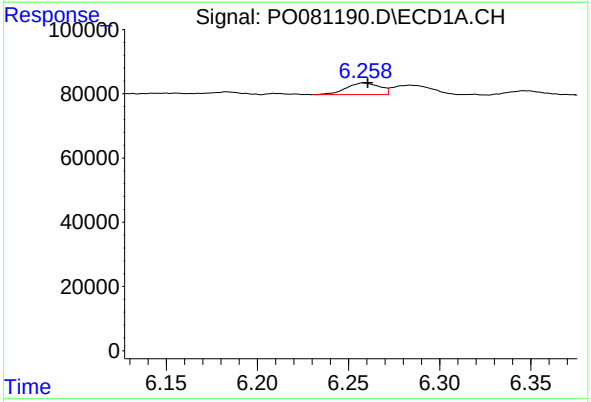
R.T.: 6.553 min
Delta R.T.: -0.003 min
Response: 1007663
Conc: 1504.29 ng/ml

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



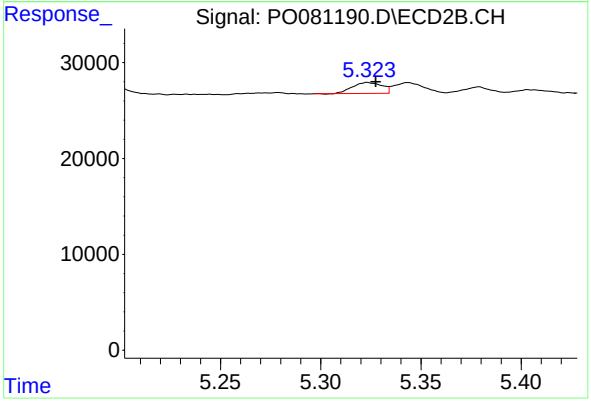

#15 AR-1232-5

R.T.: 5.821 min
Delta R.T.: -0.005 min
Response: 184491
Conc: 554.51 ng/ml



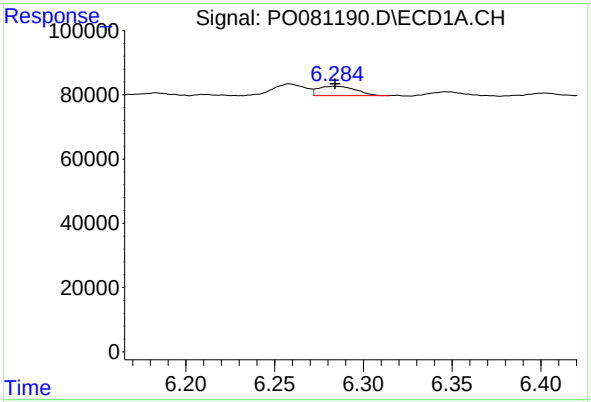

#16 AR-1242-1

R.T.: 6.258 min
Delta R.T.: -0.002 min
Response: 47219
Conc: 21.57 ng/ml




#16 AR-1242-1

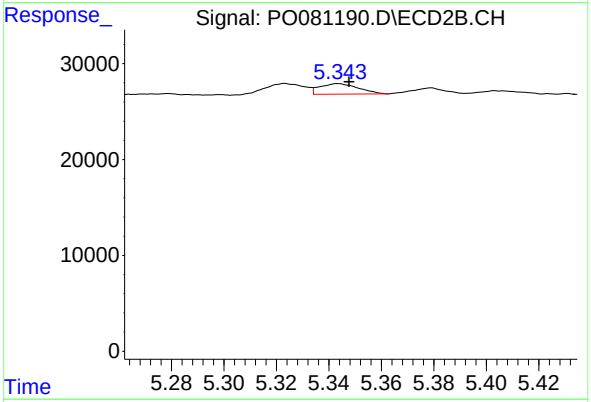
R.T.: 5.323 min
Delta R.T.: -0.004 min
Response: 11611
Conc: 15.59 ng/ml




#17 AR-1242-2

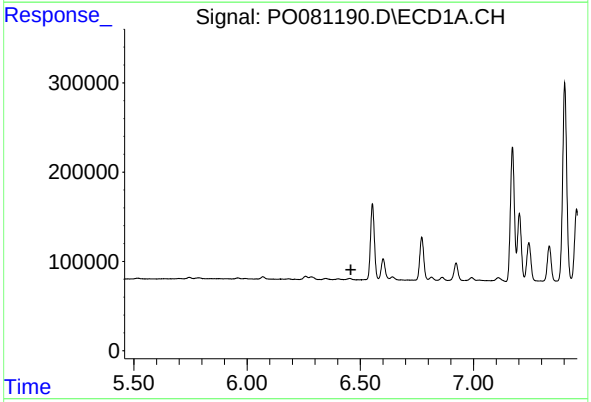
R.T.: 6.284 min
Delta R.T.: 0.000 min
Response: 43613
Conc: 14.26 ng/ml

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



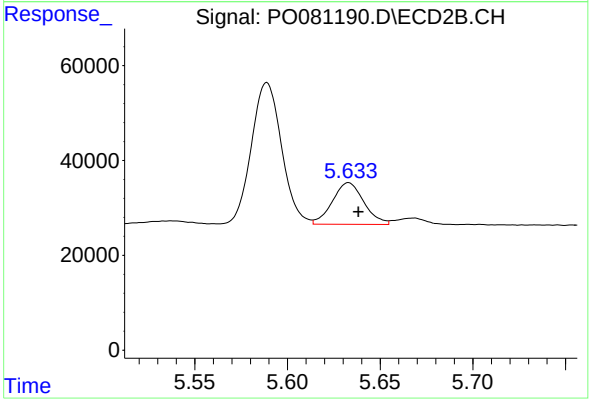

#17 AR-1242-2

R.T.: 5.344 min
Delta R.T.: -0.004 min
Response: 11158
Conc: 10.94 ng/ml



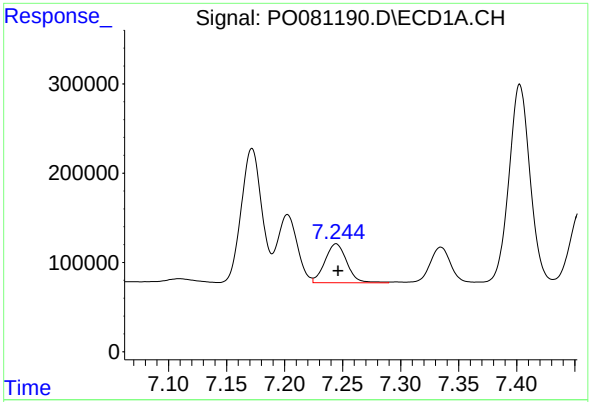

#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 6.458 min
Response: 0
Conc: N.D.




#19 AR-1242-4

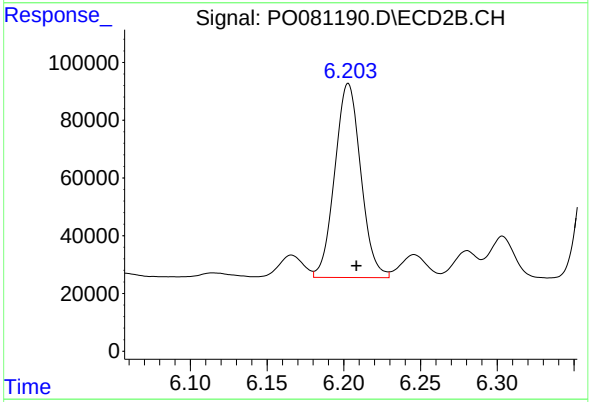
R.T.: 5.633 min
Delta R.T.: -0.005 min
Response: 103982
Conc: 183.79 ng/ml




#20 AR-1242-5

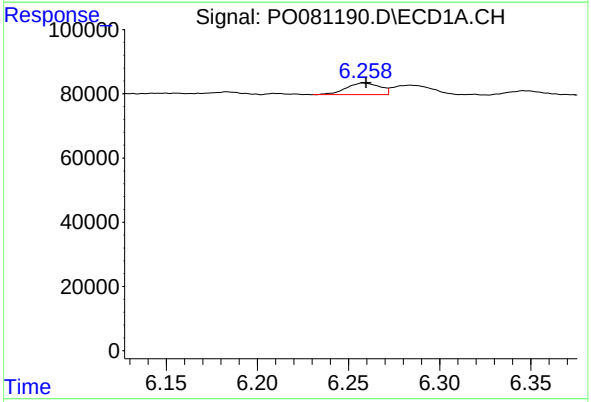
R.T.: 7.244 min
Delta R.T.: -0.002 min
Response: 573714
Conc: 358.09 ng/ml

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



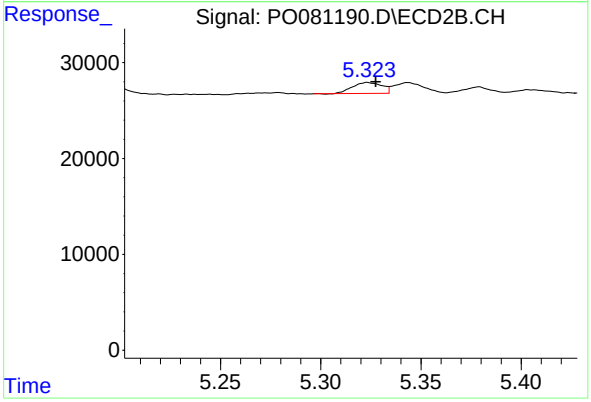

#20 AR-1242-5

R.T.: 6.203 min
Delta R.T.: -0.005 min
Response: 794889
Conc: 1097.54 ng/ml



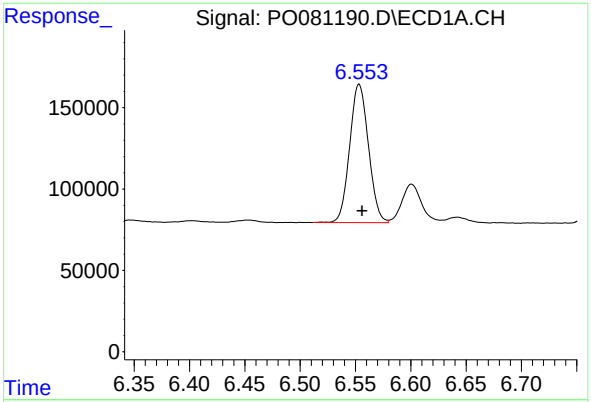

#21 AR-1248-1

R.T.: 6.258 min
Delta R.T.: -0.001 min
Response: 47219
Conc: 27.37 ng/ml




#21 AR-1248-1

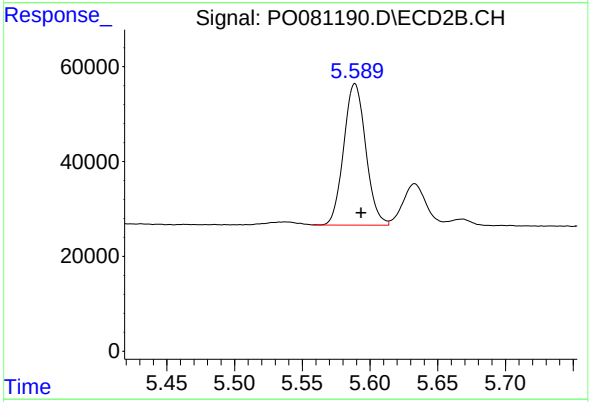
R.T.: 5.323 min
Delta R.T.: -0.004 min
Response: 11611
Conc: 19.61 ng/ml




#22 AR-1248-2

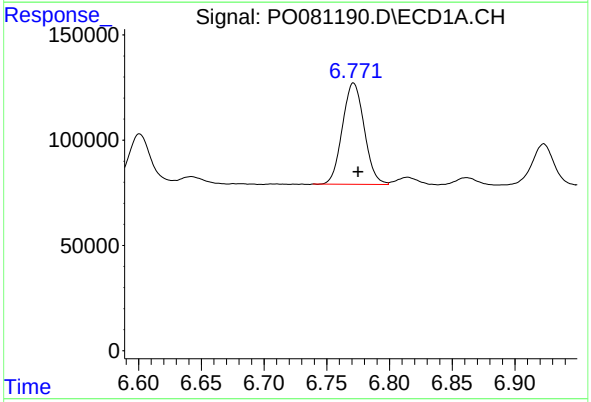
R.T.: 6.553 min
Delta R.T.: -0.003 min
Response: 1007663
Conc: 453.07 ng/ml

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



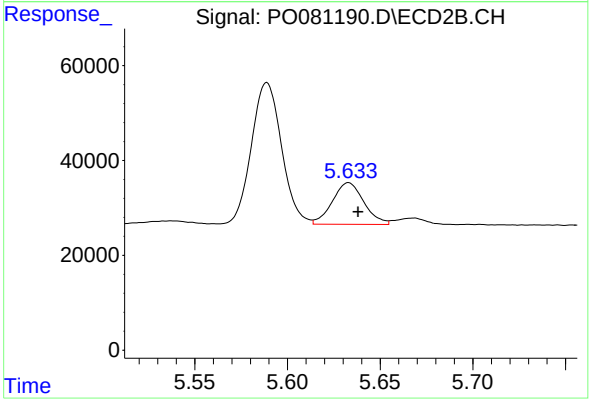

#22 AR-1248-2

R.T.: 5.589 min
Delta R.T.: -0.004 min
Response: 338147
Conc: 407.13 ng/ml



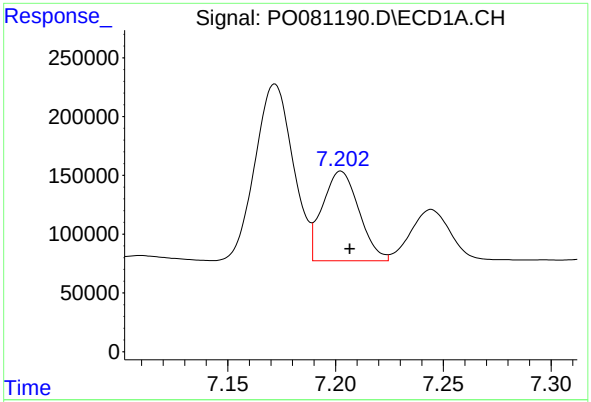

#23 AR-1248-3

R.T.: 6.771 min
Delta R.T.: -0.004 min
Response: 582429
Conc: 220.08 ng/ml




#23 AR-1248-3

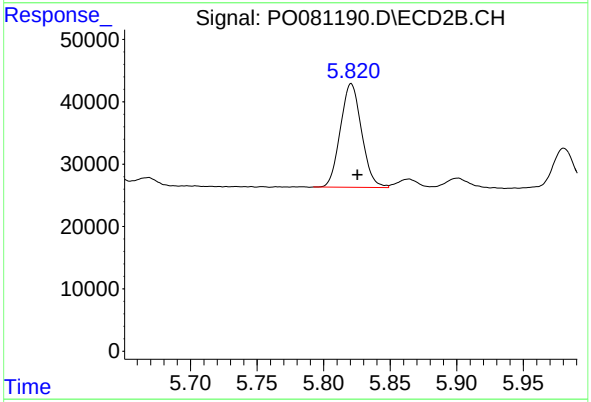
R.T.: 5.633 min
Delta R.T.: -0.005 min
Response: 103982
Conc: 122.51 ng/ml




#24 AR-1248-4

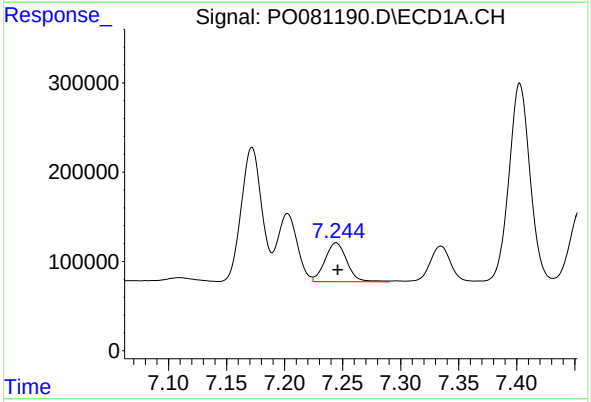
R.T.: 7.202 min
Delta R.T.: -0.004 min
Response: 901699
Conc: 313.07 ng/ml

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



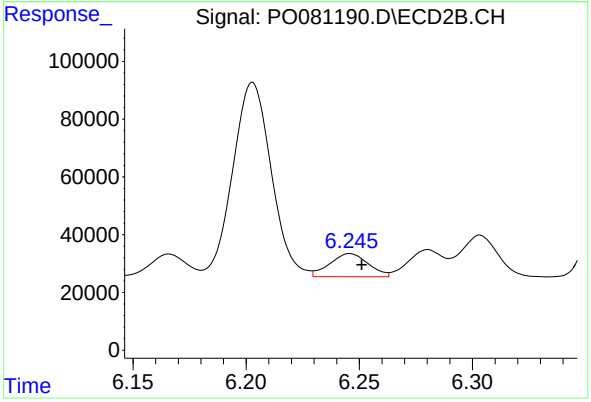

#24 AR-1248-4

R.T.: 5.821 min
Delta R.T.: -0.005 min
Response: 184491
Conc: 186.60 ng/ml



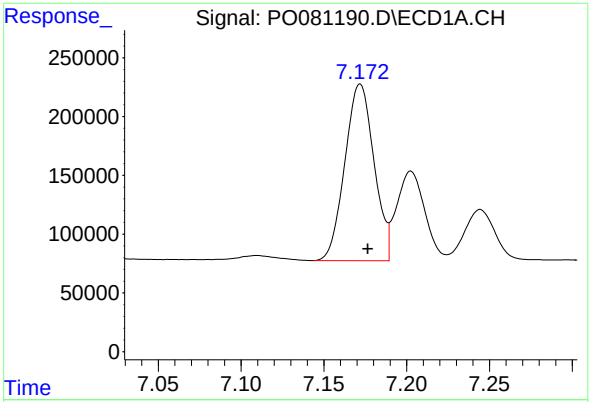

#25 AR-1248-5

R.T.: 7.244 min
Delta R.T.: -0.001 min
Response: 573714
Conc: 208.62 ng/ml




#25 AR-1248-5

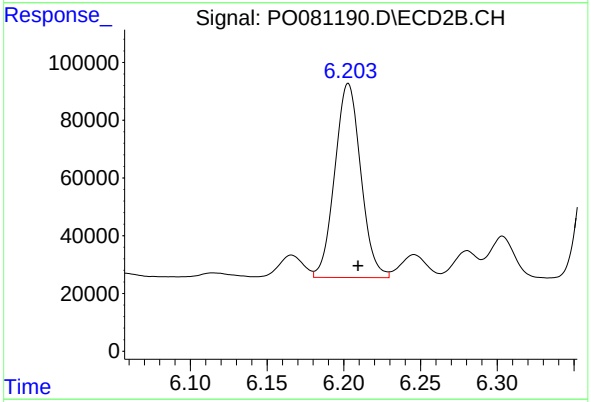
R.T.: 6.246 min
Delta R.T.: -0.005 min
Response: 94860
Conc: 104.63 ng/ml




#26 AR-1254-1

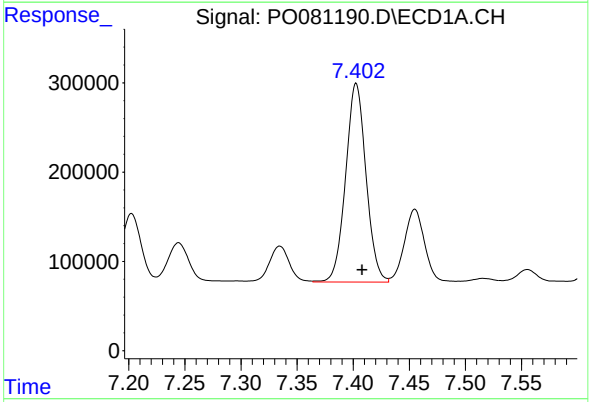
R.T.: 7.172 min
Delta R.T.: -0.005 min
Response: 1840079
Conc: 569.37 ng/ml

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



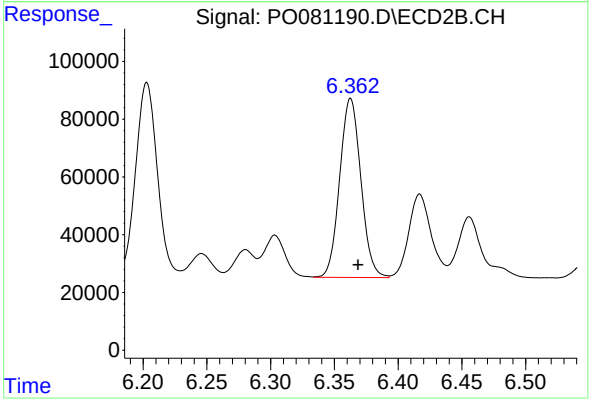

#26 AR-1254-1

R.T.: 6.203 min
Delta R.T.: -0.006 min
Response: 794889
Conc: 502.50 ng/ml



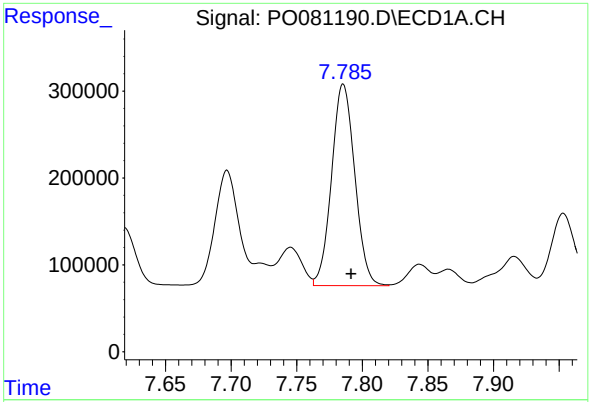

#27 AR-1254-2

R.T.: 7.403 min
Delta R.T.: -0.005 min
Response: 2811321
Conc: 564.87 ng/ml




#27 AR-1254-2

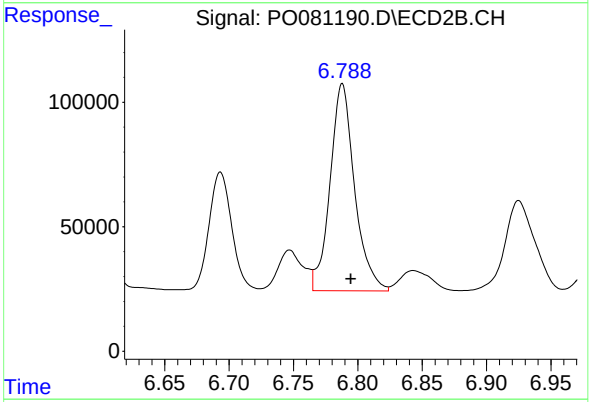
R.T.: 6.363 min
Delta R.T.: -0.006 min
Response: 717090
Conc: 495.99 ng/ml




#28 AR-1254-3

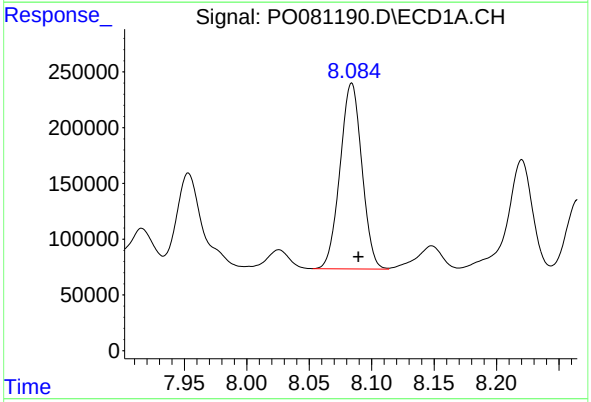
R.T.: 7.785 min
Delta R.T.: -0.006 min
Response: 2854905
Conc: 564.62 ng/ml

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



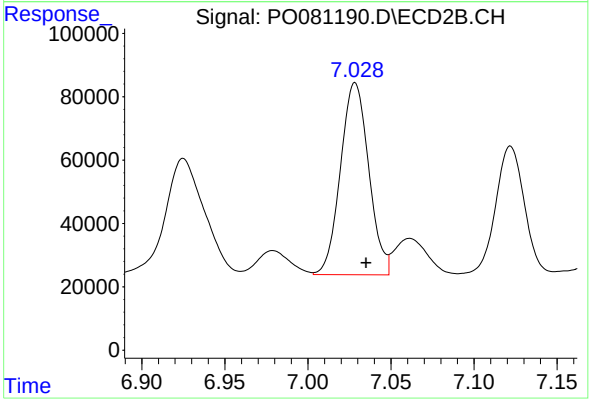

#28 AR-1254-3

R.T.: 6.788 min
Delta R.T.: -0.007 min
Response: 1103303
Conc: 493.14 ng/ml



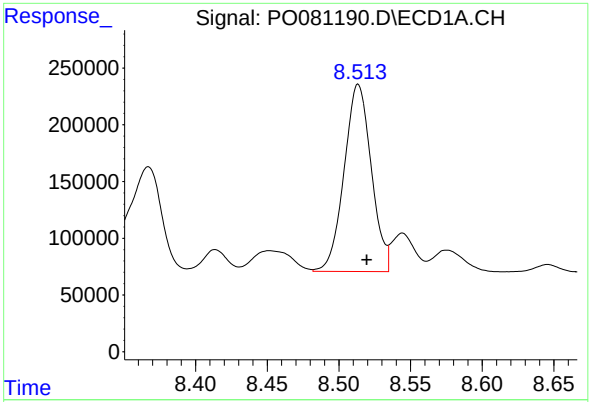

#29 AR-1254-4

R.T.: 8.084 min
Delta R.T.: -0.005 min
Response: 2027826
Conc: 542.63 ng/ml




#29 AR-1254-4

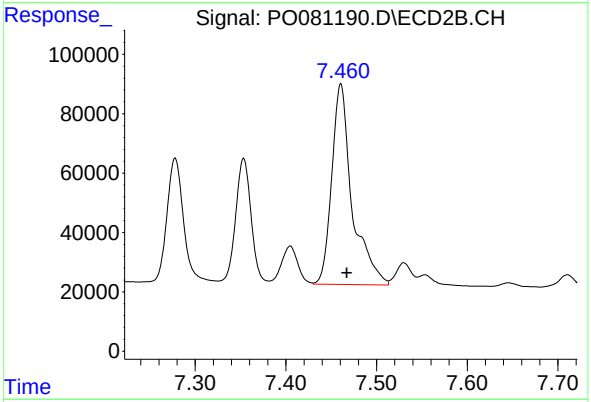
R.T.: 7.028 min
Delta R.T.: -0.007 min
Response: 719057
Conc: 507.96 ng/ml




#30 AR-1254-5

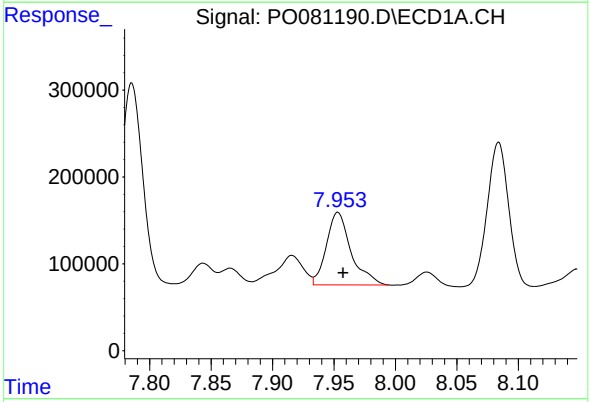
R.T.: 8.513 min
Delta R.T.: -0.006 min
Response: 2173967
Conc: 525.55 ng/ml

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



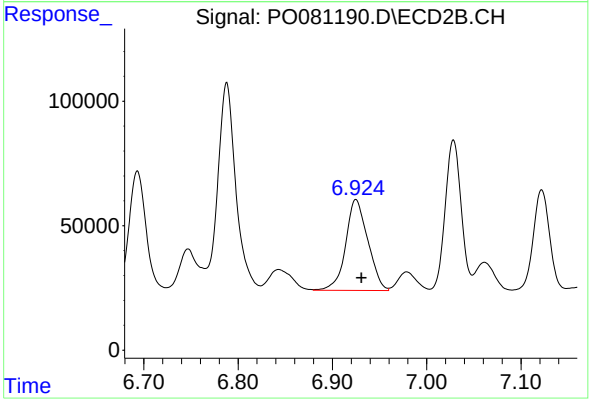

#30 AR-1254-5

R.T.: 7.461 min
Delta R.T.: -0.006 min
Response: 1054179
Conc: 499.63 ng/ml



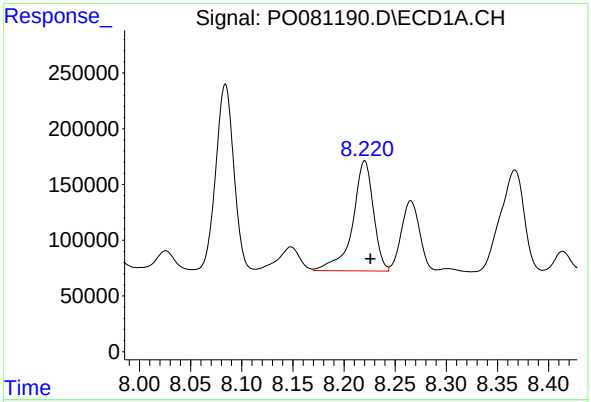

#31 AR-1260-1

R.T.: 7.953 min
Delta R.T.: -0.004 min
Response: 1166933
Conc: 335.71 ng/ml




#31 AR-1260-1

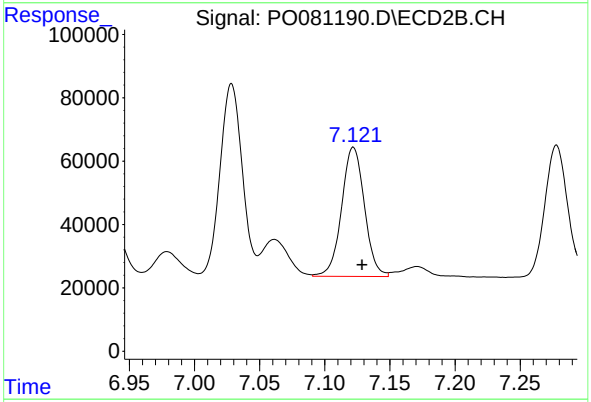
R.T.: 6.925 min
Delta R.T.: -0.006 min
Response: 596056
Conc: 406.14 ng/ml




#32 AR-1260-2

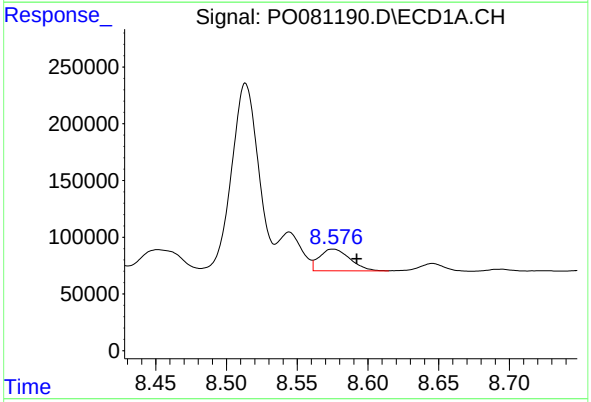
R.T.: 8.220 min
Delta R.T.: -0.006 min
Response: 1396950
Conc: 313.45 ng/ml

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



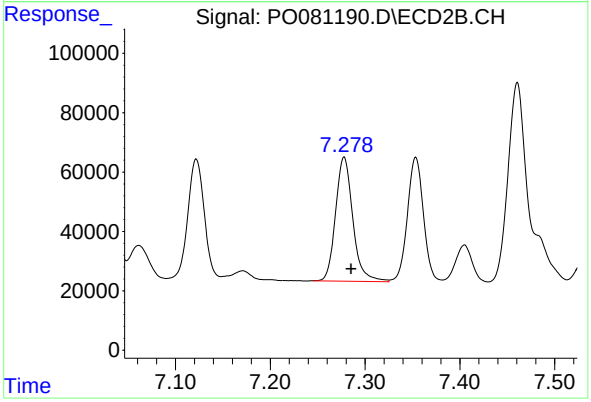

#32 AR-1260-2

R.T.: 7.122 min
Delta R.T.: -0.007 min
Response: 498033
Conc: 283.73 ng/ml



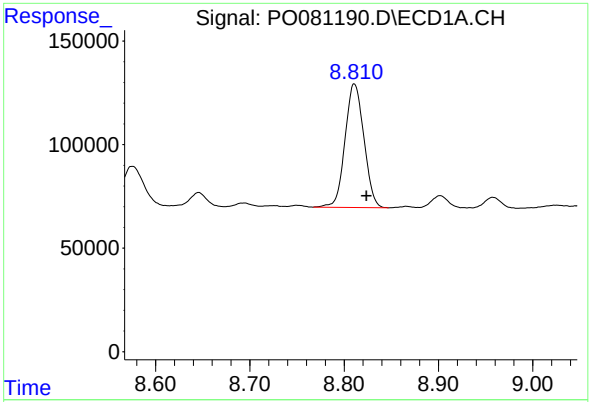

#33 AR-1260-3

R.T.: 8.575 min
Delta R.T.: -0.017 min
Response: 287561
Conc: 109.58 ng/ml




#33 AR-1260-3

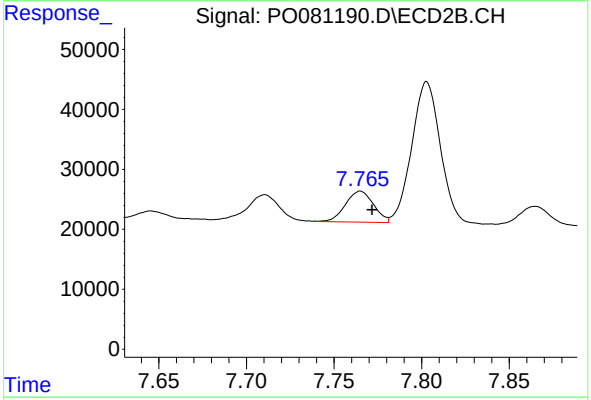
R.T.: 7.278 min
Delta R.T.: -0.007 min
Response: 528544
Conc: 288.71 ng/ml




#34 AR-1260-4

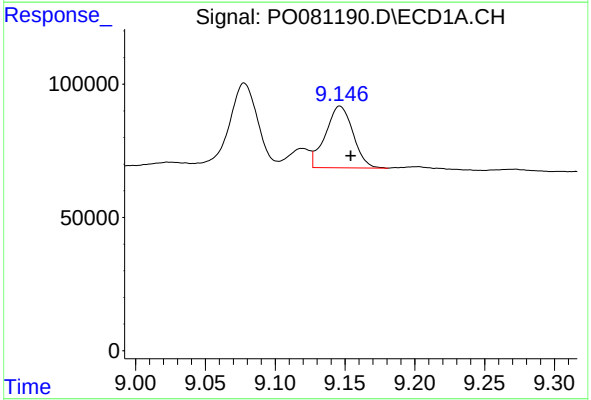
R.T.: 8.811 min
Delta R.T.: -0.013 min
Response: 830230
Conc: 259.36 ng/ml

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



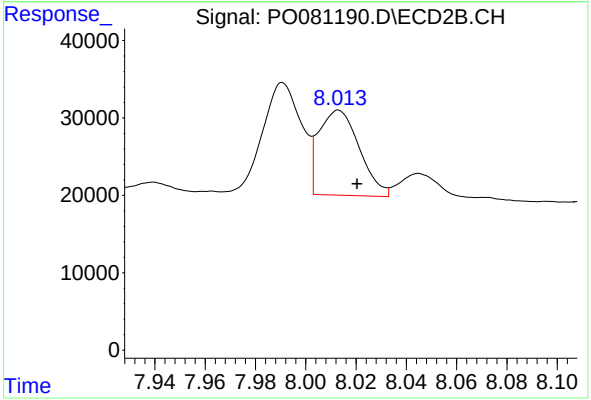

#34 AR-1260-4

R.T.: 7.765 min
Delta R.T.: -0.007 min
Response: 57568
Conc: 48.73 ng/ml



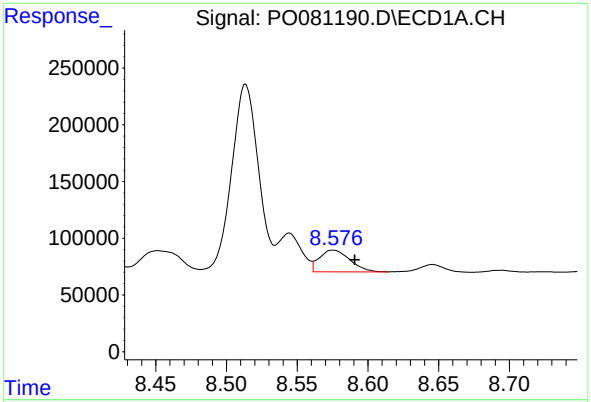

#35 AR-1260-5

R.T.: 9.146 min
Delta R.T.: -0.008 min
Response: 317774
Conc: 53.08 ng/ml




#35 AR-1260-5

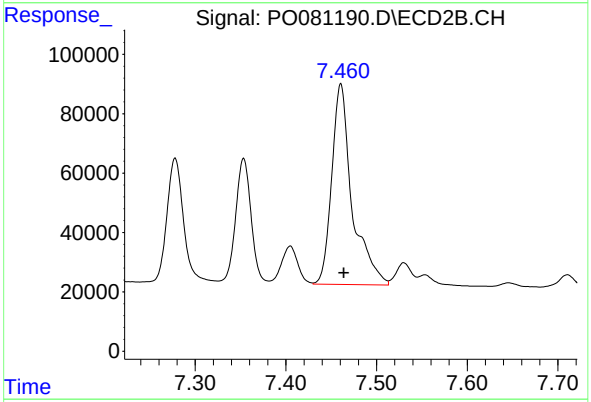
R.T.: 8.013 min
Delta R.T.: -0.007 min
Response: 123018
Conc: 43.46 ng/ml




#36 AR-1262-1

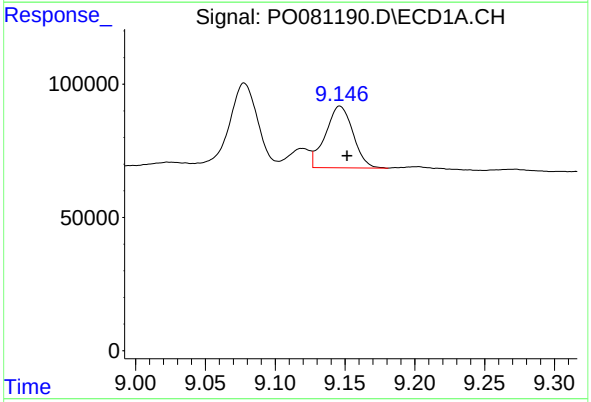
R.T.: 8.575 min
Delta R.T.: -0.016 min
Response: 287561
Conc: 64.53 ng/ml

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



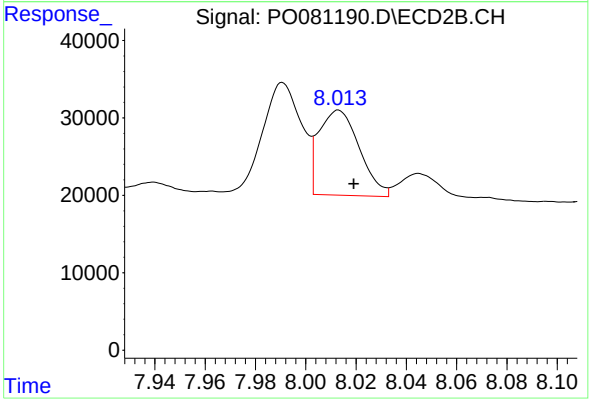

#36 AR-1262-1

R.T.: 7.461 min
Delta R.T.: -0.003 min
Response: 1054179
Conc: 992.54 ng/ml



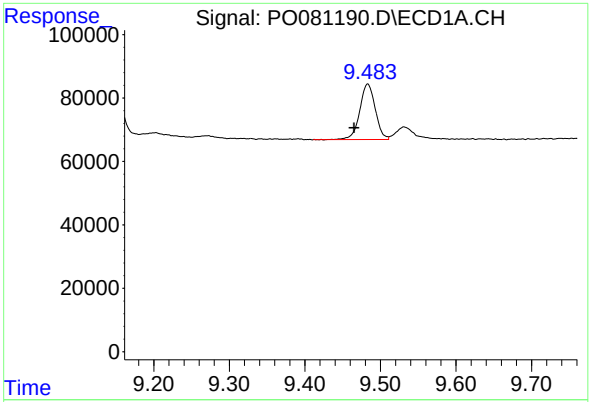

#37 AR-1262-2

R.T.: 9.146 min
Delta R.T.: -0.005 min
Response: 317774
Conc: 41.47 ng/ml




#37 AR-1262-2

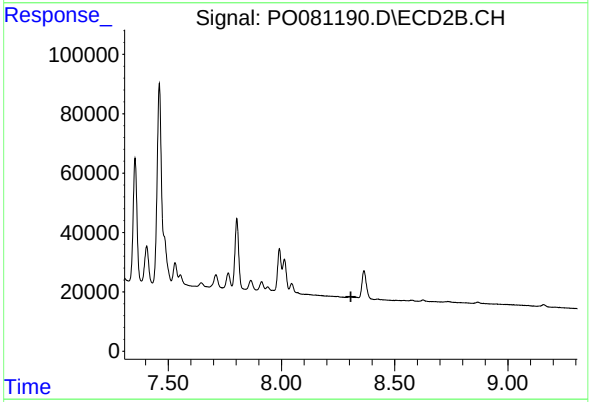
R.T.: 8.013 min
Delta R.T.: -0.006 min
Response: 123018
Conc: 37.38 ng/ml




#38 AR-1262-3

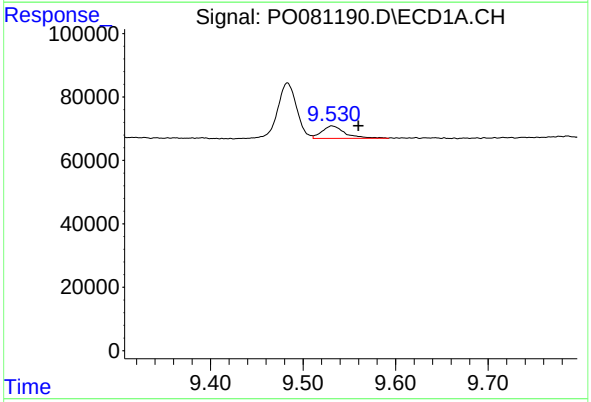
R.T.: 9.483 min
Delta R.T.: 0.018 min
Response: 248847
Conc: 73.01 ng/ml

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



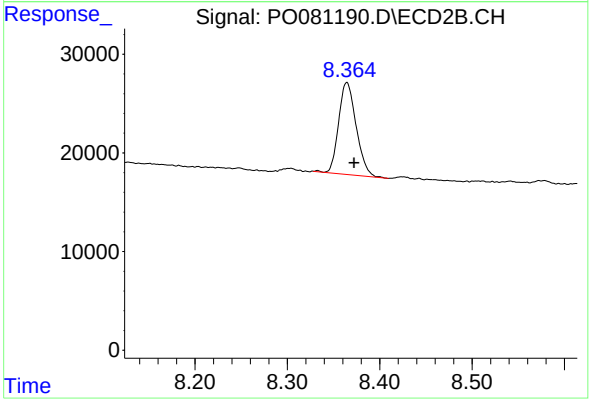

#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.307 min
Response: 0
Conc: N.D.



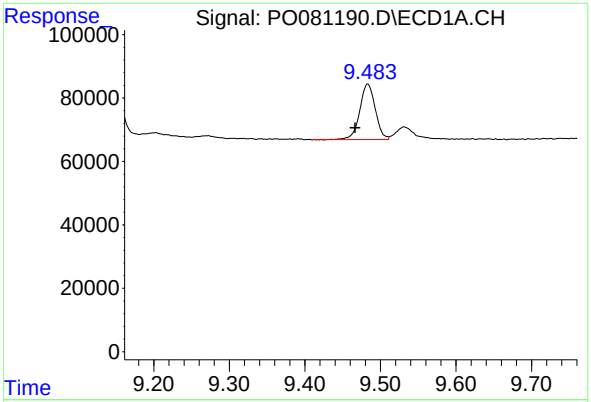

#39 AR-1262-4

R.T.: 9.531 min
Delta R.T.: -0.029 min
Response: 67454
Conc: 32.21 ng/ml




#39 AR-1262-4

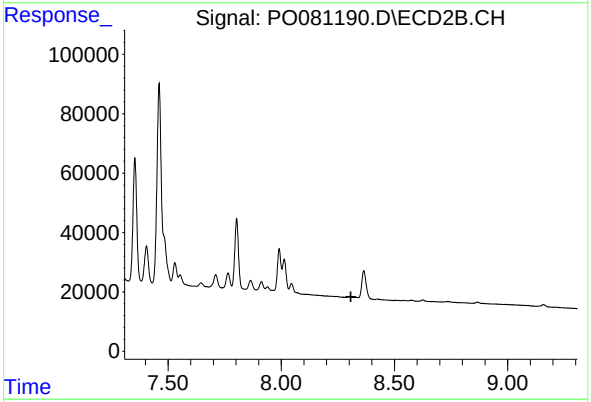
R.T.: 8.364 min
Delta R.T.: -0.008 min
Response: 123189
Conc: 51.93 ng/ml




#41 AR-1268-1

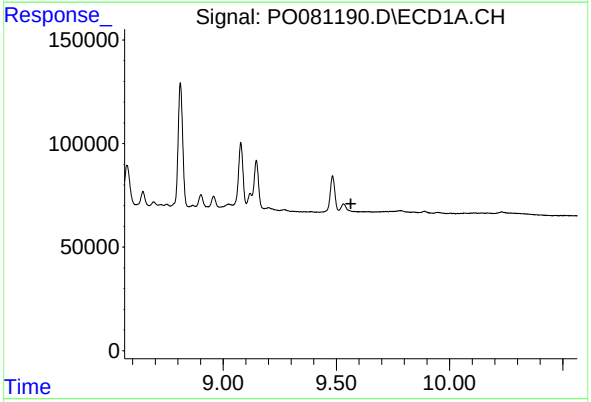
R.T.: 9.483 min
Delta R.T.: 0.017 min
Response: 248847
Conc: 26.96 ng/ml

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



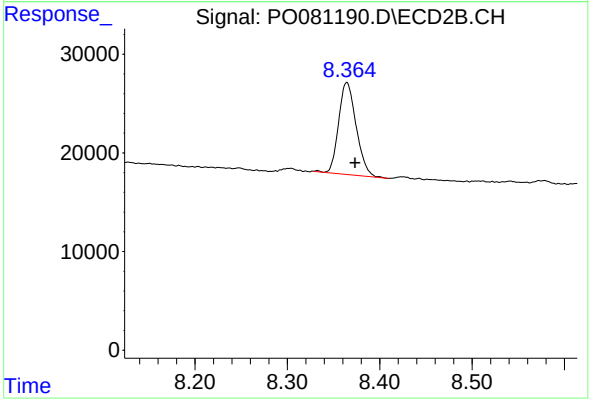

#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 8.308 min
Response: 0
Conc: N.D.




#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 9.564 min
Response: 0
Conc: N.D.




#42 AR-1268-2

R.T.: 8.364 min
Delta R.T.: -0.009 min
Response: 123189
Conc: 36.30 ng/ml