Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO073021\
Data File : PO080039.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 30 Jul 2021 23:14
Operator : DD\AJ
Sample : AR1248CCC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 02:05:14 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072821.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 28 18:45:36 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... | 5.001 | 4.120 | 3367327 | 1261139 | 55.882 | 55.069 | |
| 2) | SA Decachlor... | 11.112 | 9.531 | 2384414 | 1007769 | 50.830 | 48.493 | |
| | **Target Compounds** | | | | | | | |
| 3) | L1 AR-1016-1 | 6.331 | 5.396 | 663047 | 285118 | 301.626 | 303.342 | |
| 4) | L1 AR-1016-2 | 6.356 | 5.417 | 759037 | 275690 | 248.781 | 216.701 | |
| 5) | L1 AR-1016-3 | 6.421 | 5.614 | 358886 | 195690 | 190.713 | 277.567 | # |
| 6) | L1 AR-1016-4 | 6.528 | 5.664 | 406500 | 413896 | 263.638 | 684.957 | # |
| 7) | L1 AR-1016-5 | 6.846 | 5.898 | 1008237 | 477250 | 666.420 | 648.041 | |
| 9) | L2 AR-1221-2 | 5.356 | 4.479 | 43630 | 20987 | 95.019 | 97.853 | |
| 10) | L2 AR-1221-3 | 5.441 | 4.574 | 58474 | 24737 | 37.895 | 38.104 | |
| 11) | L3 AR-1232-1 | 5.441 | 4.574 | 58474 | 24737 | 41.033 | 41.024 | |
| 12) | L3 AR-1232-2 | 6.034 | 5.417 | 282442 | 275690 | 404.328 | 490.252 | |
| 13) | L3 AR-1232-3 | 6.356 | 5.614 | 759037 | 195690 | 569.515 | 649.999 | |
| 14) | L3 AR-1232-4 | 6.528 | 5.709 | 406500 | 429603 | 624.181 | 1509.126 | # |
| 15) | L3 AR-1232-5 | 6.627 | 5.898 | 857155 | 477250 | 1919.481 | 1589.178 | |
| 16) | L4 AR-1242-1 | 6.331 | 5.396 | 663047 | 285118 | 397.823 | 400.343 | |
| 17) | L4 AR-1242-2 | 6.356 | 5.417 | 759037 | 275690 | 330.042 | 284.697 | |
| 18) | L4 AR-1242-3 | 6.421 | 5.614 | 358886 | 195690 | 252.810 | 364.713 | # |
| 19) | L4 AR-1242-4 | 6.528 | 5.709 | 406500 | 429603 | 358.226 | 765.072 | # |
| 20) | L4 AR-1242-5 | 7.317 | 6.283 | 1172735 | 692693 | 923.717 | 1064.547 | |
| 21) | L5 AR-1248-1 | 6.331 | 5.396 | 663047 | 285118 | 523.038 | 516.332 | |
| 22) | L5 AR-1248-2 | 6.627 | 5.664 | 857155 | 413896 | 491.672 | 502.370 | |
| 23) | L5 AR-1248-3 | 6.846 | 5.709 | 1008237 | 429603 | 491.940 | 517.660 | |
| 24) | L5 AR-1248-4 | 7.277 | 5.898 | 1152258 | 477250 | 492.229 | 505.066 | |
| 25) | L5 AR-1248-5 | 7.317 | 6.327 | 1172735 | 494637 | 515.711 | 539.473 | |
| 26) | L6 AR-1254-1 | 7.246 | 6.283 | 910486 | 692693 | 416.815 | 510.809 | |
| 27) | L6 AR-1254-2 | 7.481 | 6.444 | 1251753 | 222092 | 381.195 | 185.222 | # |
| 28) | L6 AR-1254-3 | 7.860 | 6.872 | 653580 | 306558 | 189.820 | 163.841 | |
| 29) | L6 AR-1254-4 | 8.158 | 7.114 | 389188 | 211526 | 153.020 | 178.670 | |
| 30) | L6 AR-1254-5 | 8.588 | 7.549 | 90276 | 66196 | 33.946 | 41.324 | |
| 31) | L7 AR-1260-1 | 8.027 | 7.023 | 16572 | 158173 | 6.755 | 122.201 | # |
| 32) | L7 AR-1260-2 | 8.292 | 7.208 | 102260 | 23226 | 33.275 | 15.183 | # |
| 33) | L7 AR-1260-3 | 8.653 | 7.366 | 26295 | 44677 | 11.859 | 30.599 | # |
| 34) | L7 AR-1260-4 | 8.886 | 0.000 | 24029 | 0 | 9.360 | N.D. | # |
| 36) | L8 AR-1262-1 | 8.653 | 7.549 | 26295 | 66196 | 8.223 | 78.641 | # |

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

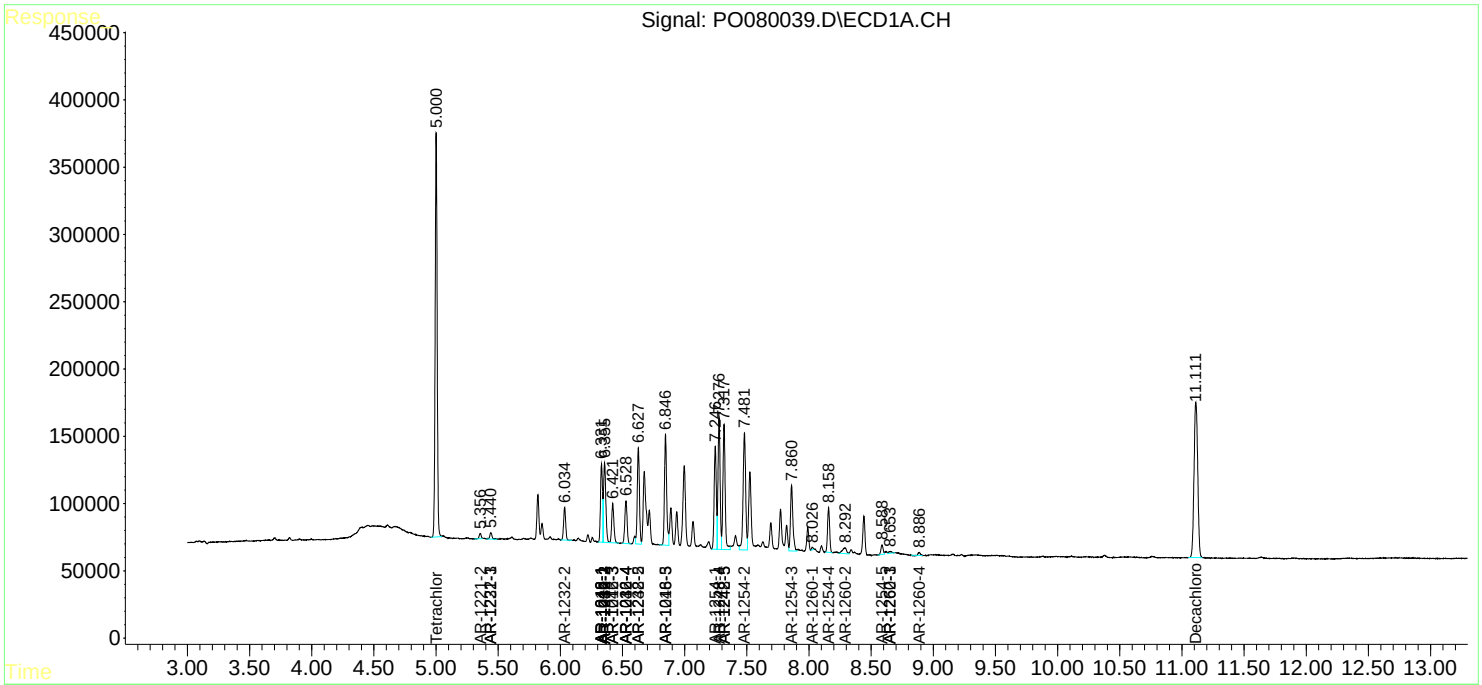
Quantitation Report (Not Reviewed)

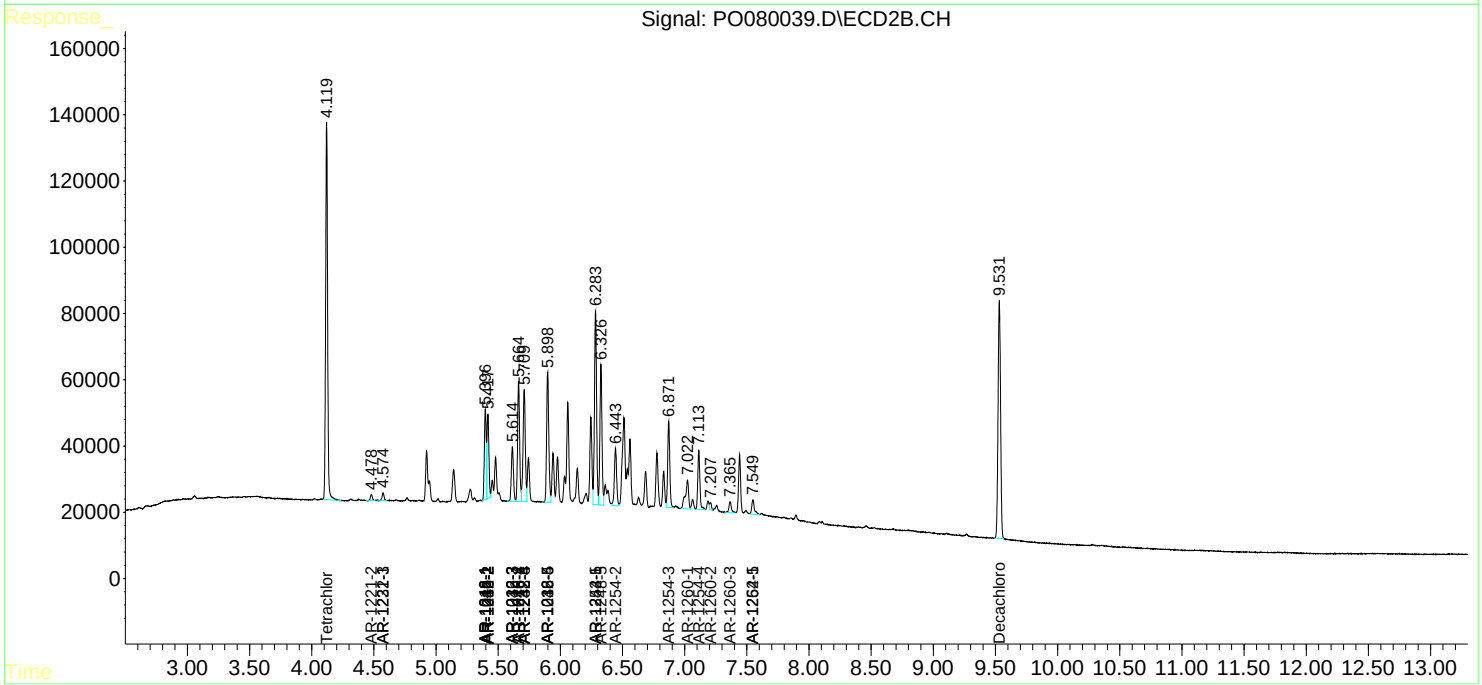
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO073021\
Data File : PO0080039.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 30 Jul 2021 23:14
Operator : DD\AJ
Sample : AR1248CCC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

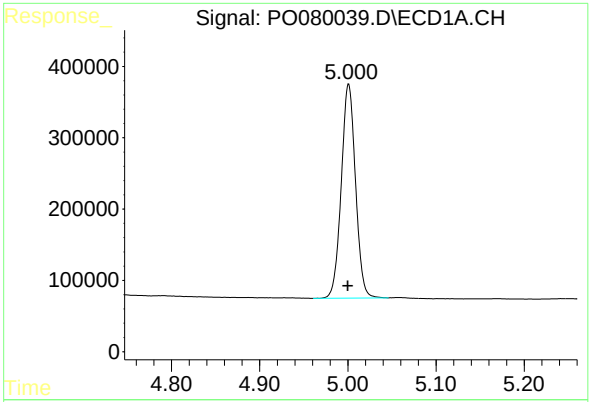
**Instrument :**
ECD_O
**ClientSampleId :**

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 02:05:14 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072821.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 28 18:45:36 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



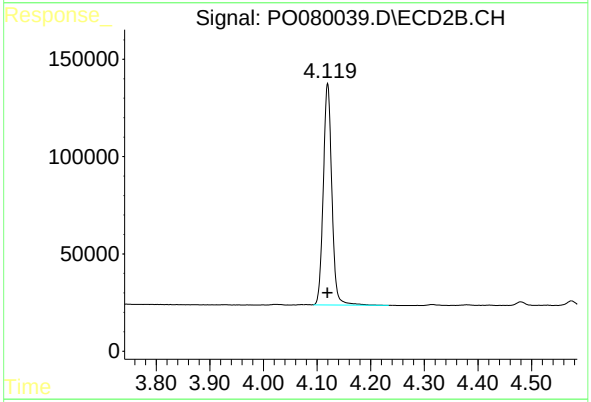






#1 Tetrachloro-m-xylene

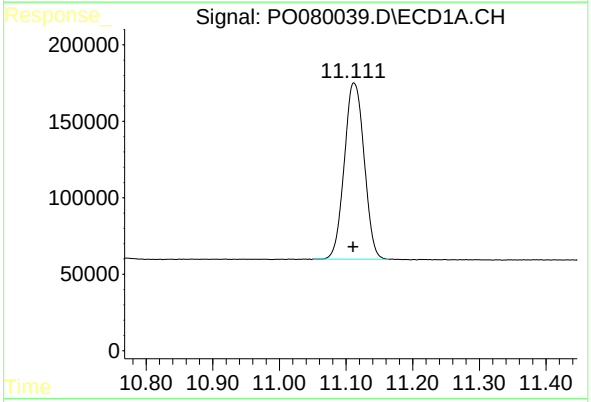
R.T.: 5.001 min
Delta R.T.: 0.000 min
Response: 3367327
Conc: 55.88 ng/ml

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



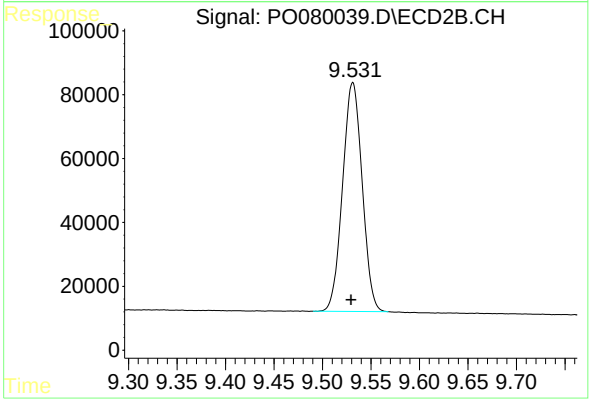

#1 Tetrachloro-m-xylene

R.T.: 4.120 min
Delta R.T.: 0.000 min
Response: 1261139
Conc: 55.07 ng/ml



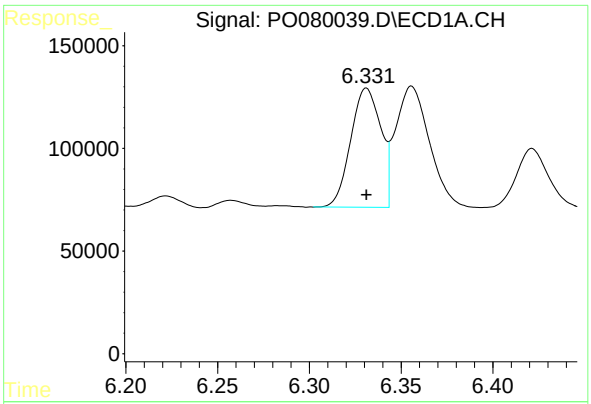

#2 Decachlorobiphenyl

R.T.: 11.112 min
Delta R.T.: 0.001 min
Response: 2384414
Conc: 50.83 ng/ml




#2 Decachlorobiphenyl

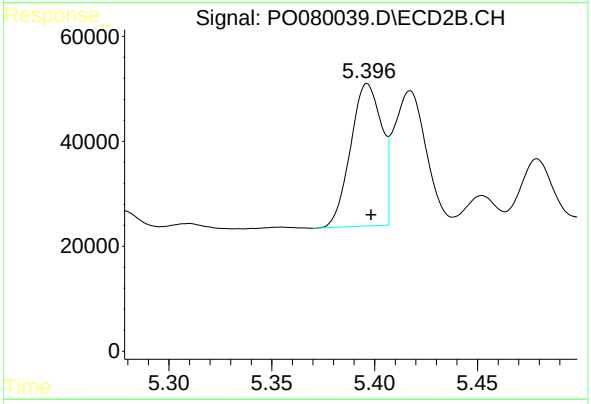
R.T.: 9.531 min
Delta R.T.: 0.002 min
Response: 1007769
Conc: 48.49 ng/ml




#3 AR-1016-1

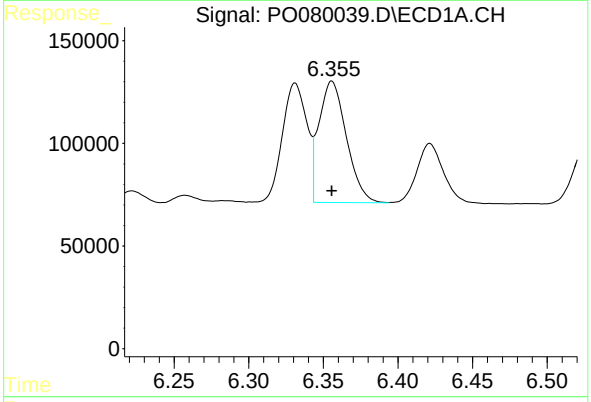
R.T.: 6.331 min
Delta R.T.: 0.000 min
Response: 663047
Conc: 301.63 ng/ml

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



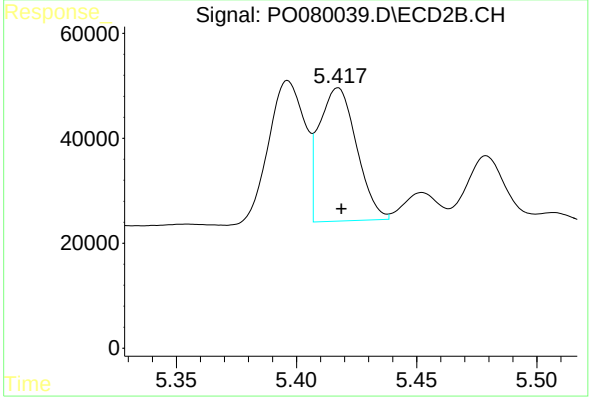

#3 AR-1016-1

R.T.: 5.396 min
Delta R.T.: -0.002 min
Response: 285118
Conc: 303.34 ng/ml



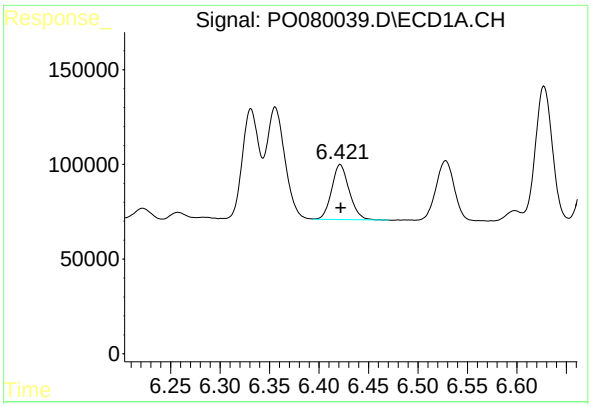

#4 AR-1016-2

R.T.: 6.356 min
Delta R.T.: 0.000 min
Response: 759037
Conc: 248.78 ng/ml




#4 AR-1016-2

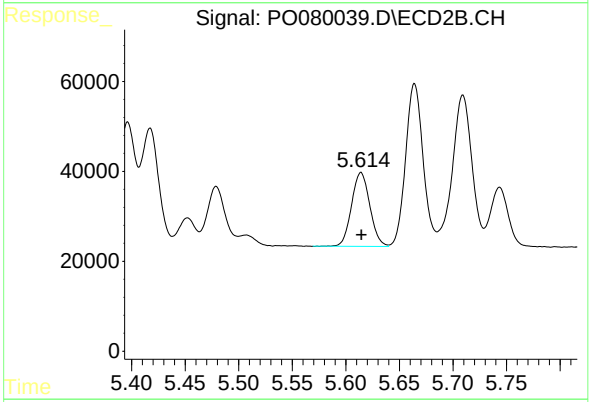
R.T.: 5.417 min
Delta R.T.: -0.001 min
Response: 275690
Conc: 216.70 ng/ml




#5 AR-1016-3

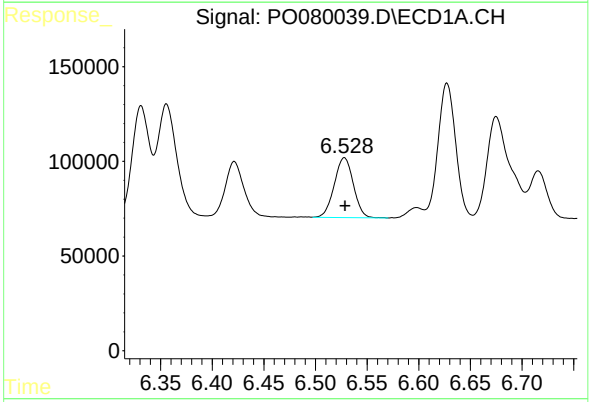
R.T.: 6.421 min
Delta R.T.: 0.000 min
Response: 358886
Conc: 190.71 ng/ml

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



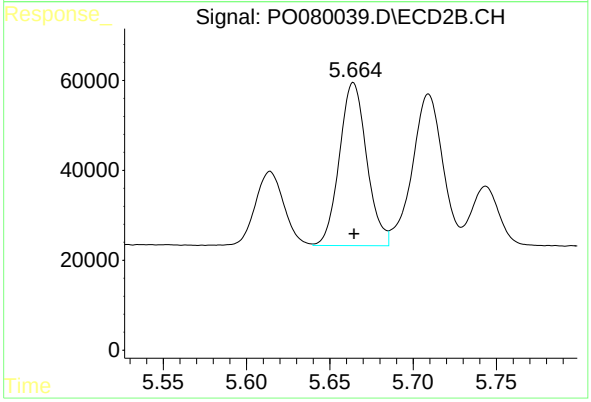

#5 AR-1016-3

R.T.: 5.614 min
Delta R.T.: 0.000 min
Response: 195690
Conc: 277.57 ng/ml



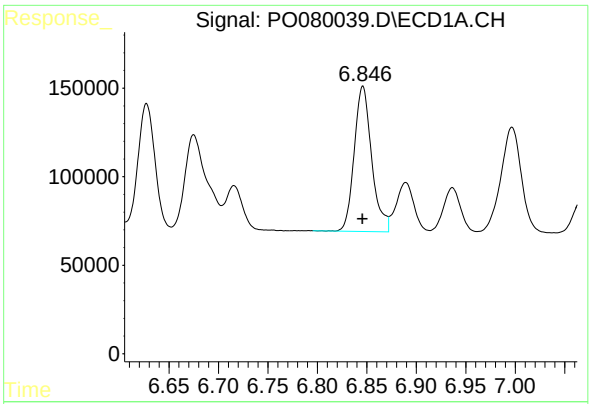

#6 AR-1016-4

R.T.: 6.528 min
Delta R.T.: 0.000 min
Response: 406500
Conc: 263.64 ng/ml




#6 AR-1016-4

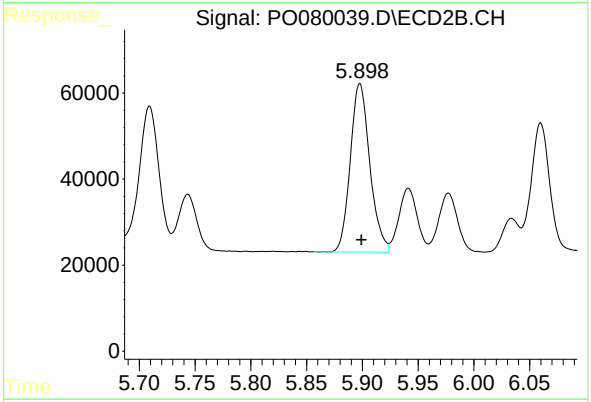
R.T.: 5.664 min
Delta R.T.: 0.000 min
Response: 413896
Conc: 684.96 ng/ml




#7 AR-1016-5

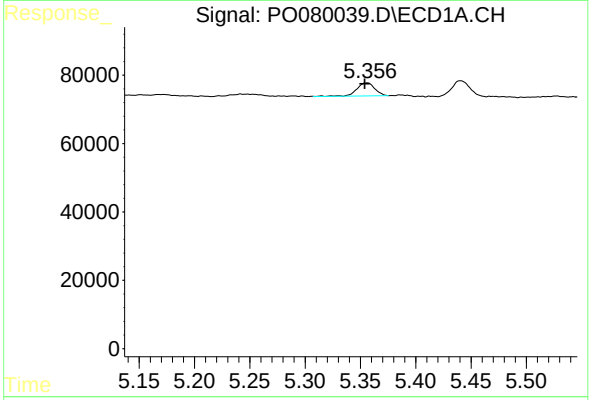
R.T.: 6.846 min
Delta R.T.: 0.000 min
Response: 1008237
Conc: 666.42 ng/ml

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



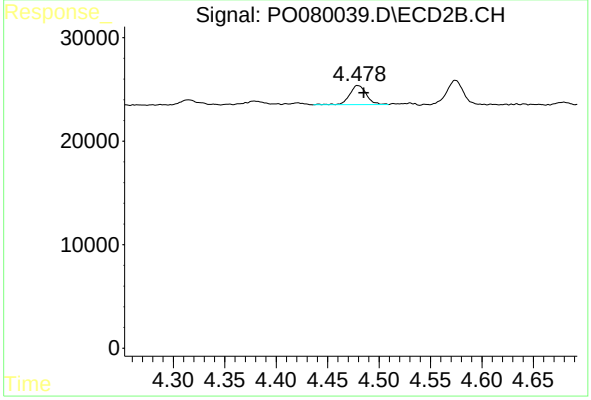

#7 AR-1016-5

R.T.: 5.898 min
Delta R.T.: -0.001 min
Response: 477250
Conc: 648.04 ng/ml



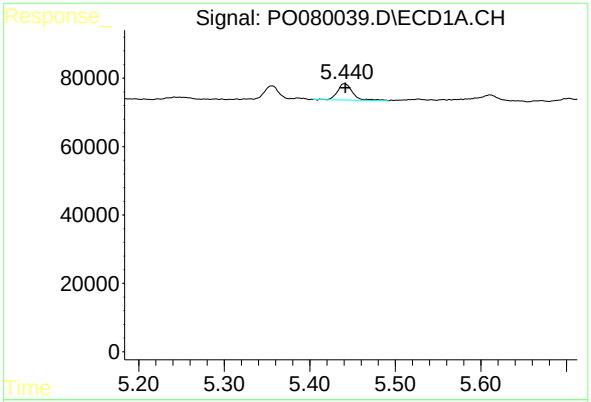

#9 AR-1221-2

R.T.: 5.356 min
Delta R.T.: 0.002 min
Response: 43630
Conc: 95.02 ng/ml




#9 AR-1221-2

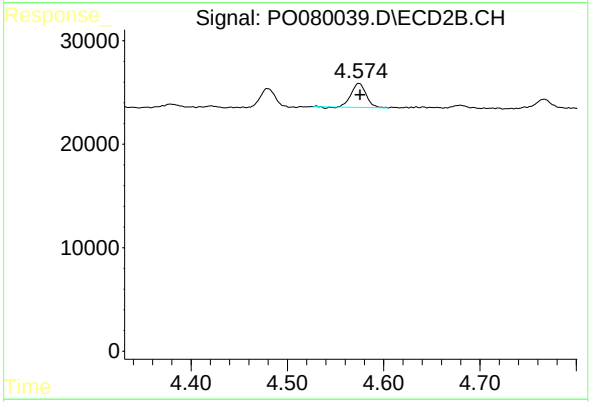
R.T.: 4.479 min
Delta R.T.: -0.006 min
Response: 20987
Conc: 97.85 ng/ml




#10 AR-1221-3

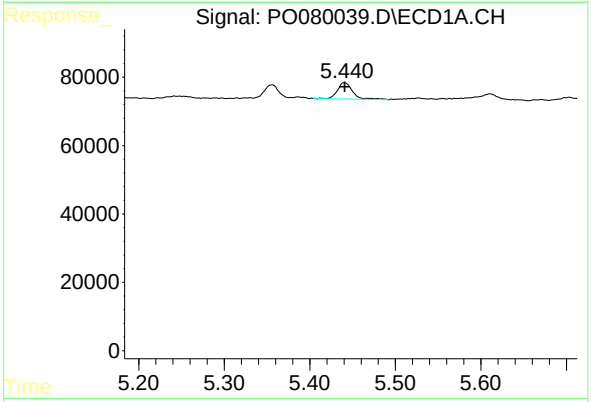
R.T.: 5.441 min
Delta R.T.: 0.000 min
Response: 58474
Conc: 37.89 ng/ml

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



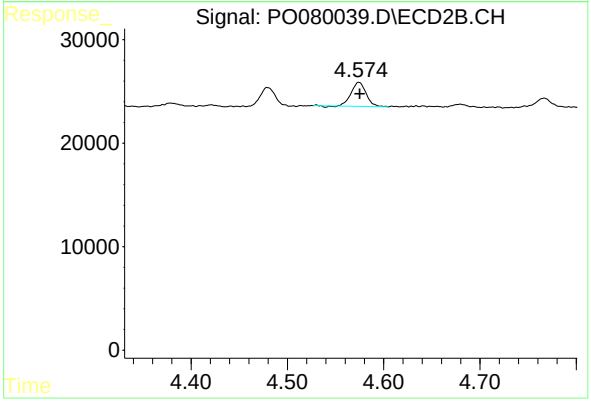

#10 AR-1221-3

R.T.: 4.574 min
Delta R.T.: -0.001 min
Response: 24737
Conc: 38.10 ng/ml



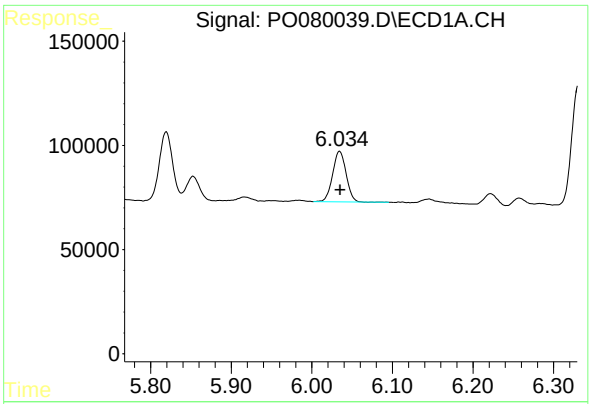

#11 AR-1232-1

R.T.: 5.441 min
Delta R.T.: 0.000 min
Response: 58474
Conc: 41.03 ng/ml




#11 AR-1232-1

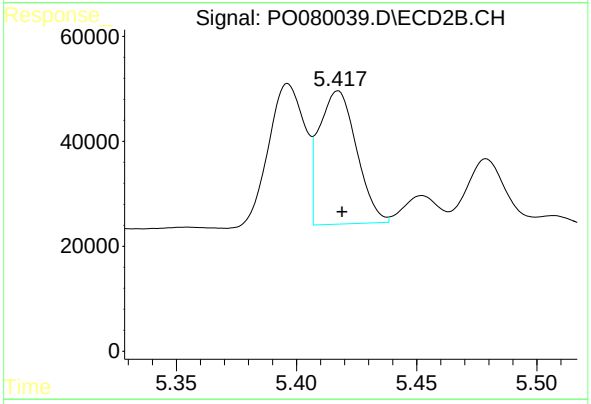
R.T.: 4.574 min
Delta R.T.: 0.000 min
Response: 24737
Conc: 41.02 ng/ml




#12 AR-1232-2

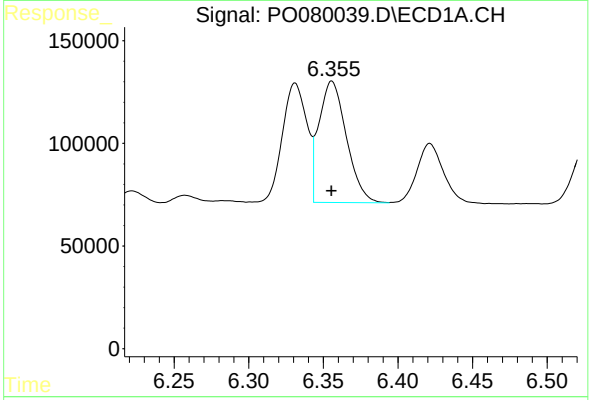
R.T.: 6.034 min
Delta R.T.: 0.000 min
Response: 282442
Conc: 404.33 ng/ml

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



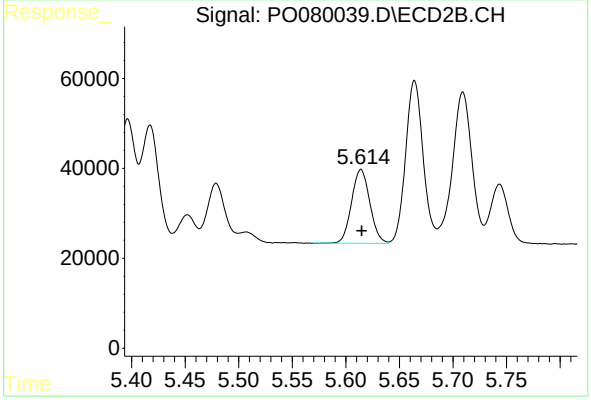

#12 AR-1232-2

R.T.: 5.417 min
Delta R.T.: -0.002 min
Response: 275690
Conc: 490.25 ng/ml



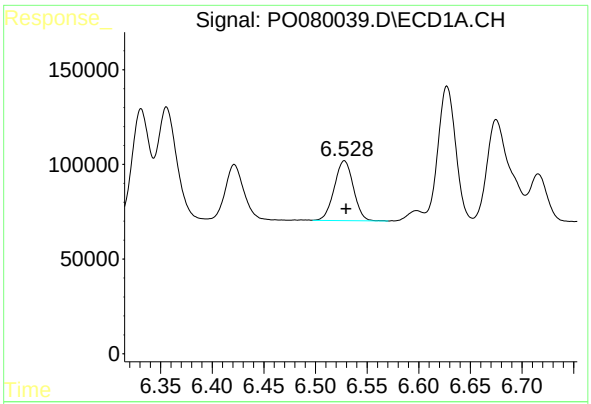

#13 AR-1232-3

R.T.: 6.356 min
Delta R.T.: 0.000 min
Response: 759037
Conc: 569.52 ng/ml




#13 AR-1232-3

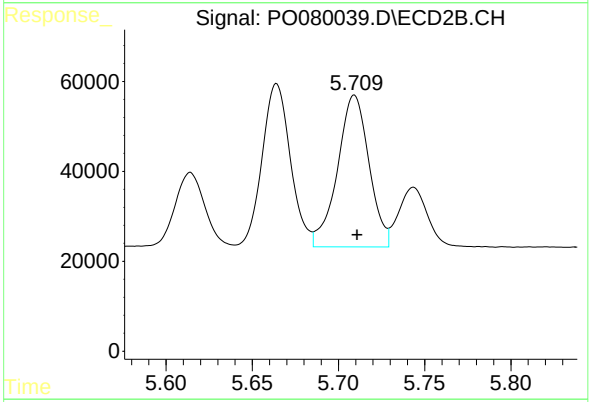
R.T.: 5.614 min
Delta R.T.: 0.000 min
Response: 195690
Conc: 650.00 ng/ml




#14 AR-1232-4

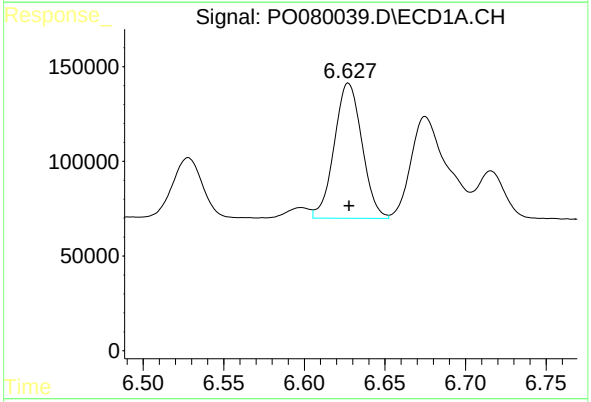
R.T.: 6.528 min
Delta R.T.: -0.002 min
Response: 406500
Conc: 624.18 ng/ml

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



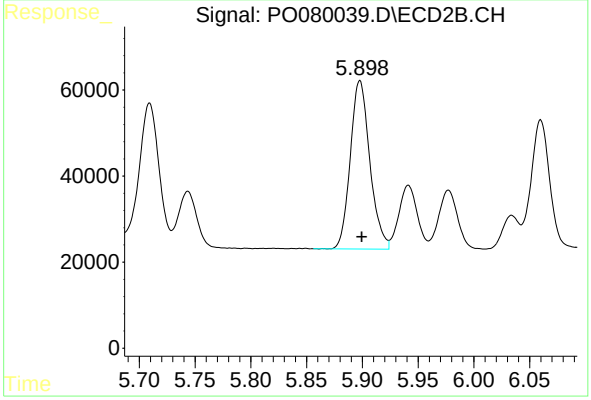

#14 AR-1232-4

R.T.: 5.709 min
Delta R.T.: -0.002 min
Response: 429603
Conc: 1509.13 ng/ml



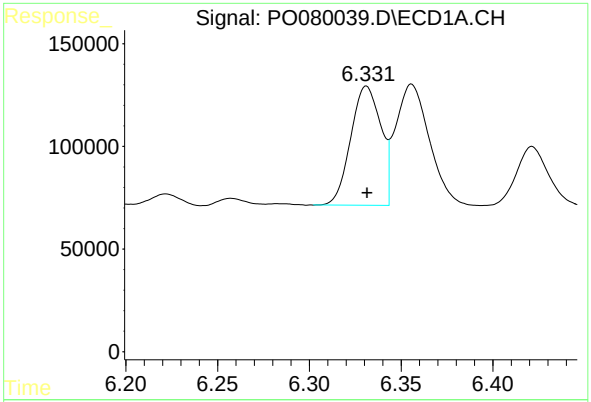

#15 AR-1232-5

R.T.: 6.627 min
Delta R.T.: 0.000 min
Response: 857155
Conc: 1919.48 ng/ml




#15 AR-1232-5

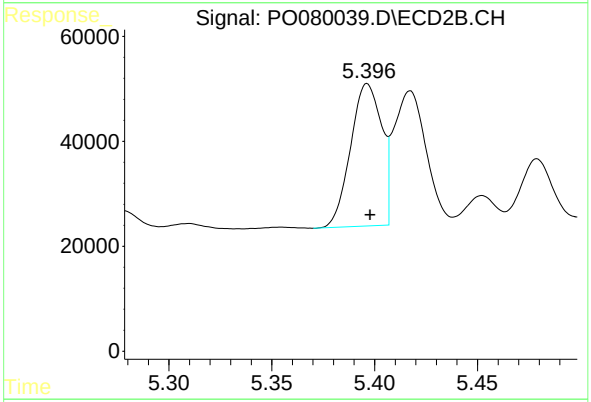
R.T.: 5.898 min
Delta R.T.: -0.002 min
Response: 477250
Conc: 1589.18 ng/ml




#16 AR-1242-1

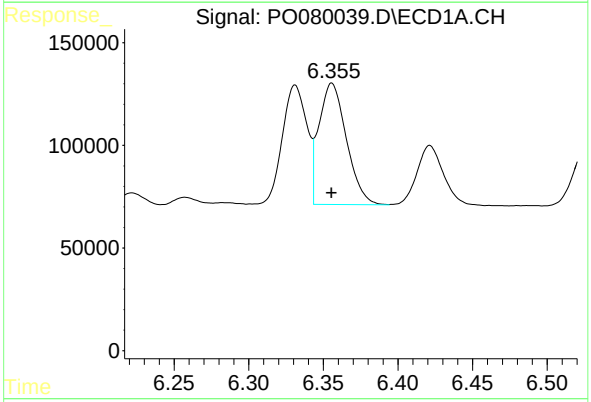
R.T.: 6.331 min
Delta R.T.: 0.000 min
Response: 663047
Conc: 397.82 ng/ml

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



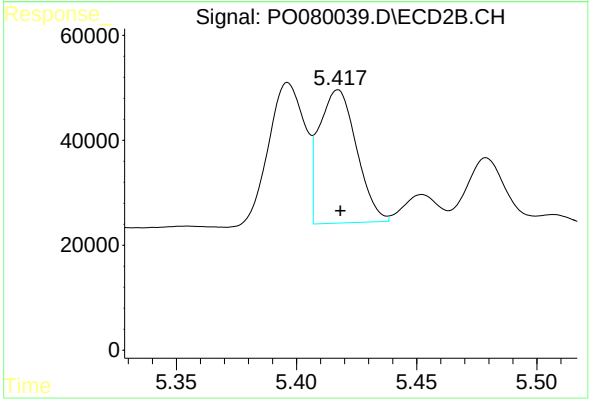

#16 AR-1242-1

R.T.: 5.396 min
Delta R.T.: -0.001 min
Response: 285118
Conc: 400.34 ng/ml



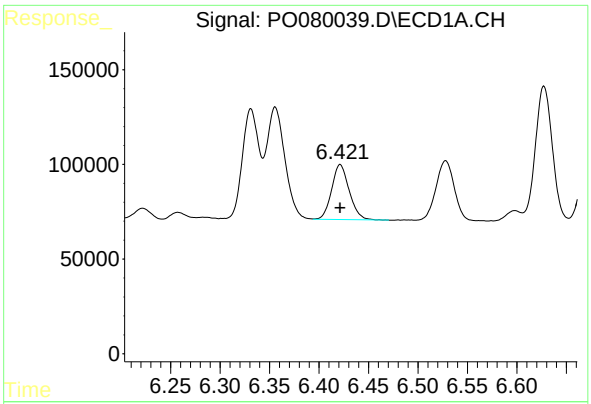

#17 AR-1242-2

R.T.: 6.356 min
Delta R.T.: 0.000 min
Response: 759037
Conc: 330.04 ng/ml




#17 AR-1242-2

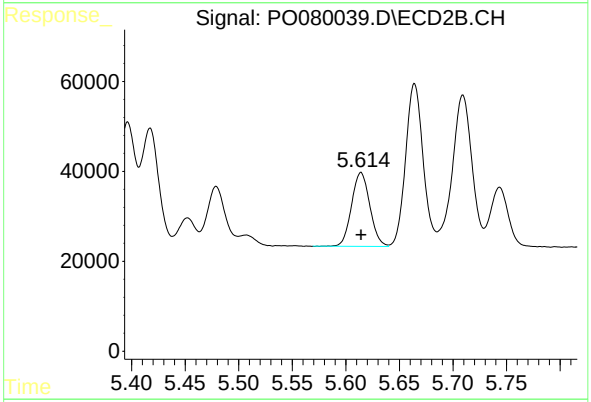
R.T.: 5.417 min
Delta R.T.: 0.000 min
Response: 275690
Conc: 284.70 ng/ml




#18 AR-1242-3

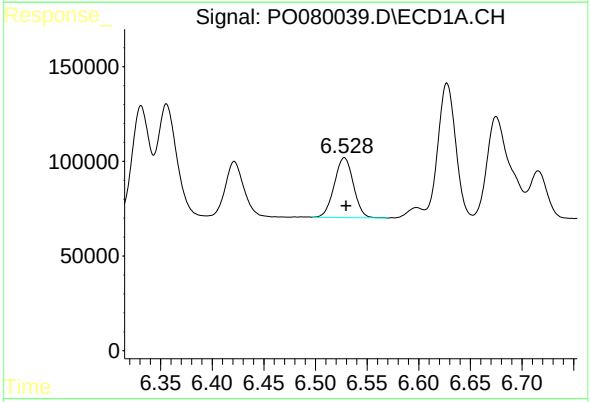
R.T.: 6.421 min
Delta R.T.: 0.000 min
Response: 358886
Conc: 252.81 ng/ml

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



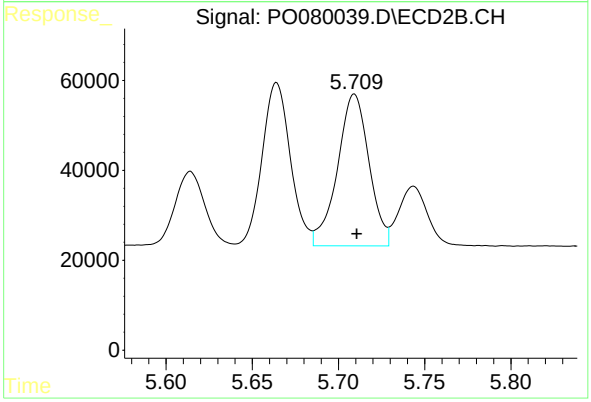

#18 AR-1242-3

R.T.: 5.614 min
Delta R.T.: 0.000 min
Response: 195690
Conc: 364.71 ng/ml



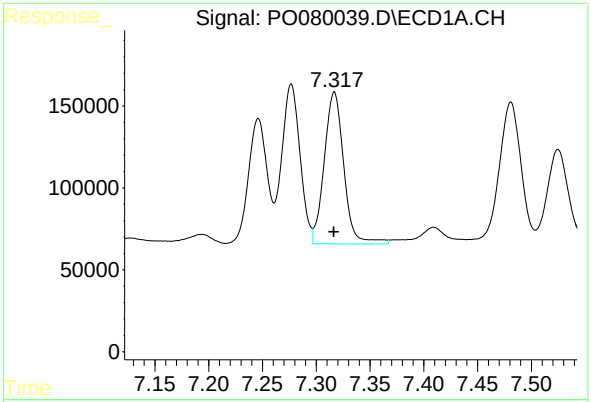

#19 AR-1242-4

R.T.: 6.528 min
Delta R.T.: -0.001 min
Response: 406500
Conc: 358.23 ng/ml




#19 AR-1242-4

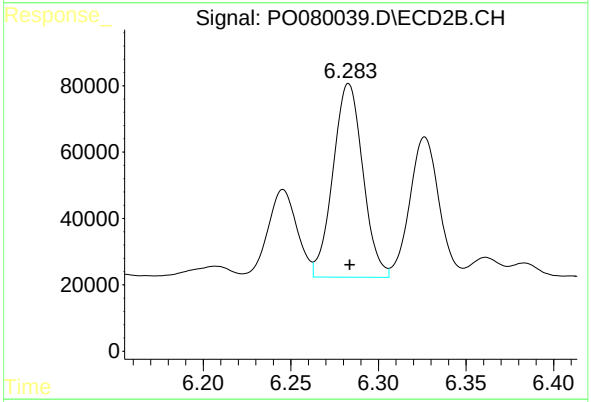
R.T.: 5.709 min
Delta R.T.: -0.001 min
Response: 429603
Conc: 765.07 ng/ml




#20 AR-1242-5

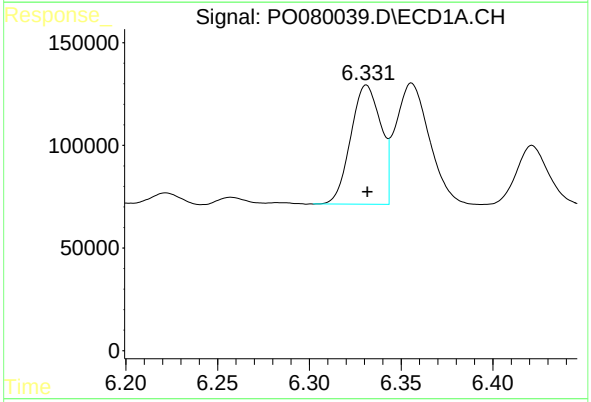
R.T.: 7.317 min
Delta R.T.: 0.000 min
Response: 1172735
Conc: 923.72 ng/ml

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



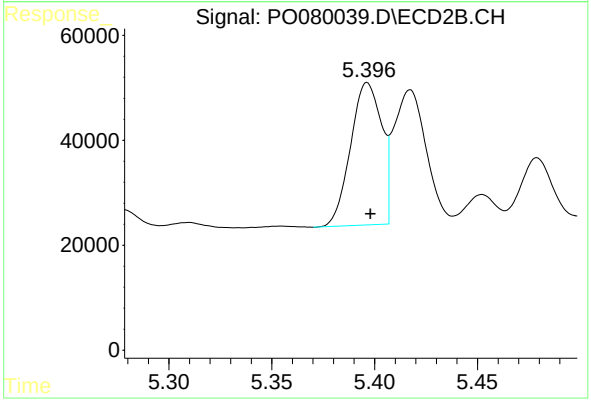

#20 AR-1242-5

R.T.: 6.283 min
Delta R.T.: 0.000 min
Response: 692693
Conc: 1064.55 ng/ml



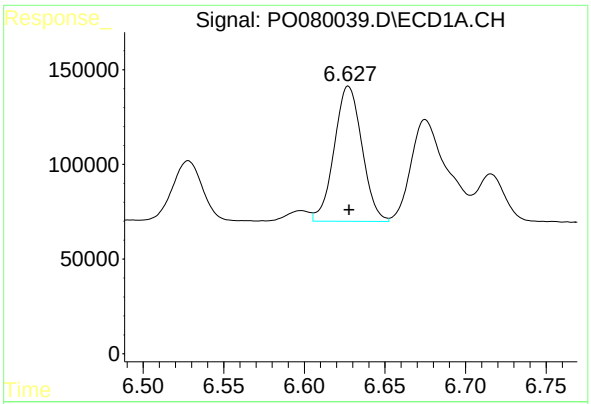

#21 AR-1248-1

R.T.: 6.331 min
Delta R.T.: 0.000 min
Response: 663047
Conc: 523.04 ng/ml




#21 AR-1248-1

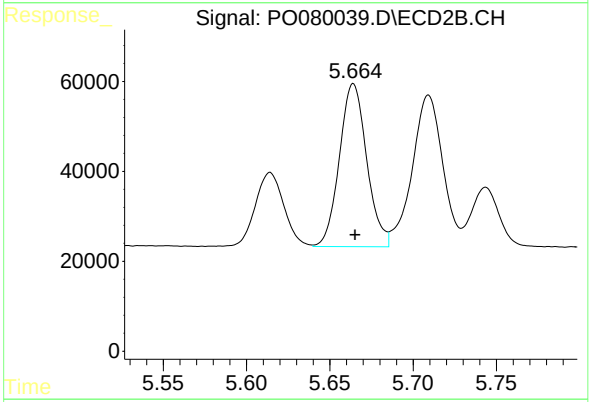
R.T.: 5.396 min
Delta R.T.: -0.002 min
Response: 285118
Conc: 516.33 ng/ml




#22 AR-1248-2

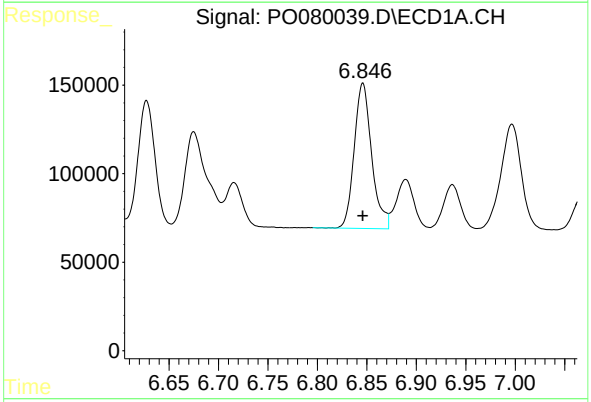
R.T.: 6.627 min
Delta R.T.: 0.000 min
Response: 857155
Conc: 491.67 ng/ml

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



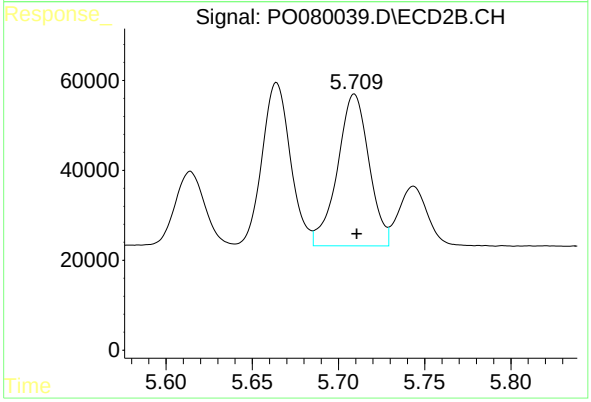

#22 AR-1248-2

R.T.: 5.664 min
Delta R.T.: -0.001 min
Response: 413896
Conc: 502.37 ng/ml



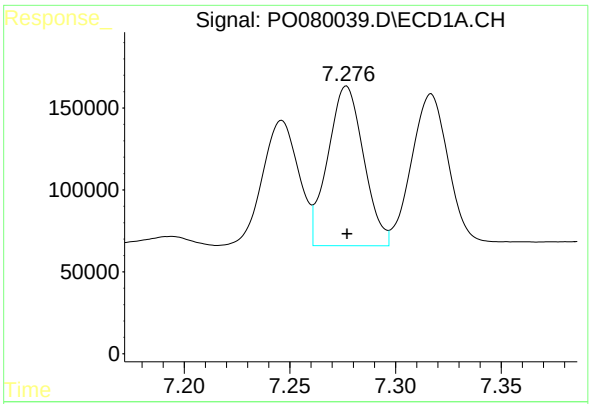

#23 AR-1248-3

R.T.: 6.846 min
Delta R.T.: 0.000 min
Response: 1008237
Conc: 491.94 ng/ml




#23 AR-1248-3

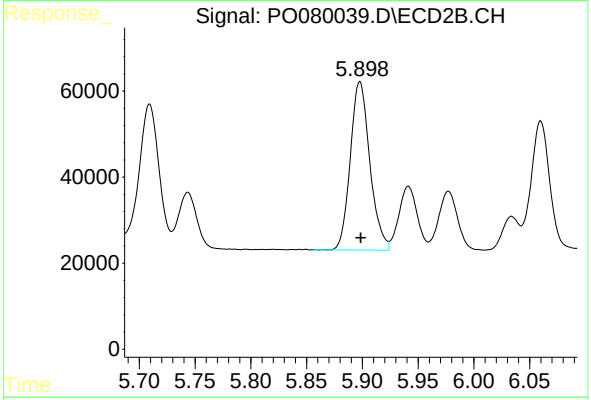
R.T.: 5.709 min
Delta R.T.: -0.001 min
Response: 429603
Conc: 517.66 ng/ml




#24 AR-1248-4

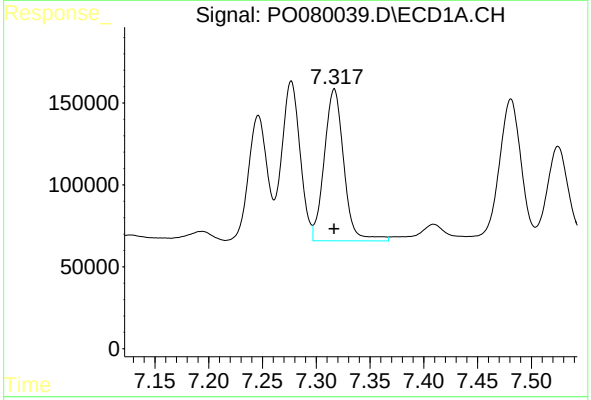
R.T.: 7.277 min
Delta R.T.: 0.000 min
Response: 1152258
Conc: 492.23 ng/ml

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



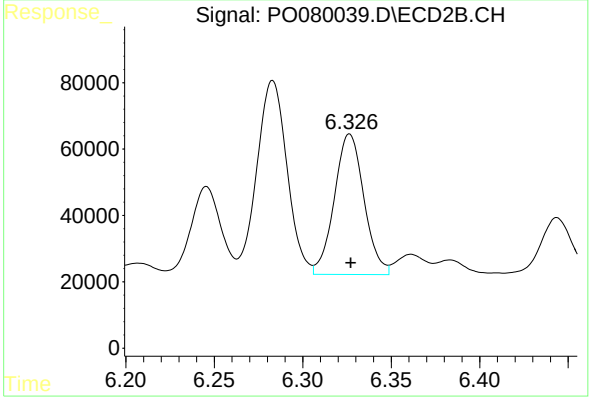

#24 AR-1248-4

R.T.: 5.898 min
Delta R.T.: 0.000 min
Response: 477250
Conc: 505.07 ng/ml



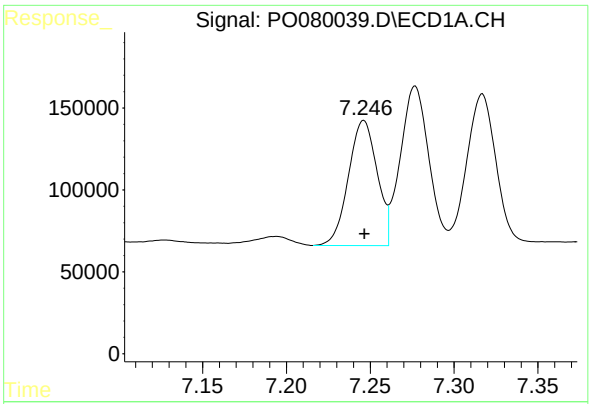

#25 AR-1248-5

R.T.: 7.317 min
Delta R.T.: 0.000 min
Response: 1172735
Conc: 515.71 ng/ml




#25 AR-1248-5

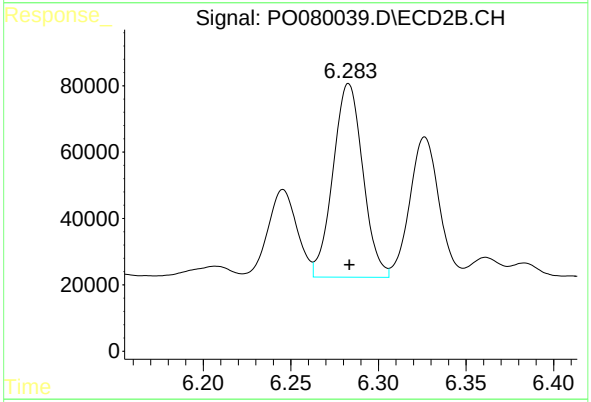
R.T.: 6.327 min
Delta R.T.: 0.000 min
Response: 494637
Conc: 539.47 ng/ml




#26 AR-1254-1

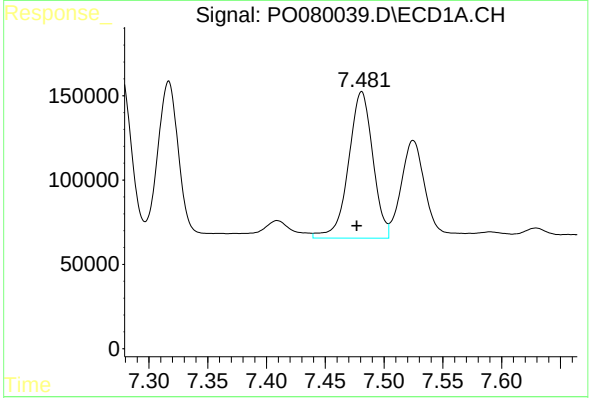
R.T.: 7.246 min
Delta R.T.: 0.000 min
Response: 910486
Conc: 416.81 ng/ml

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



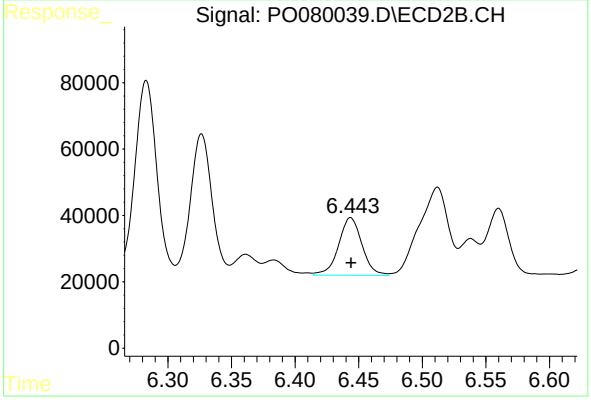

#26 AR-1254-1

R.T.: 6.283 min
Delta R.T.: 0.000 min
Response: 692693
Conc: 510.81 ng/ml



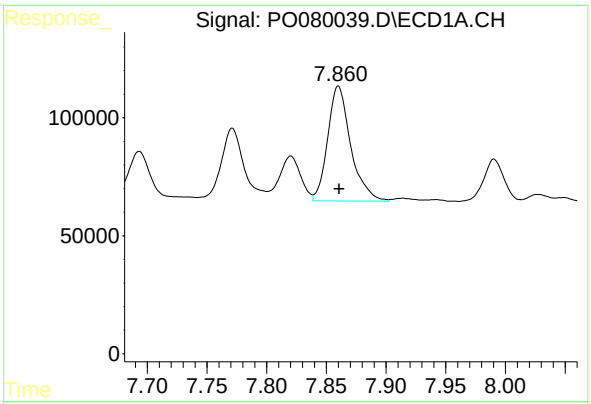

#27 AR-1254-2

R.T.: 7.481 min
Delta R.T.: 0.004 min
Response: 1251753
Conc: 381.20 ng/ml




#27 AR-1254-2

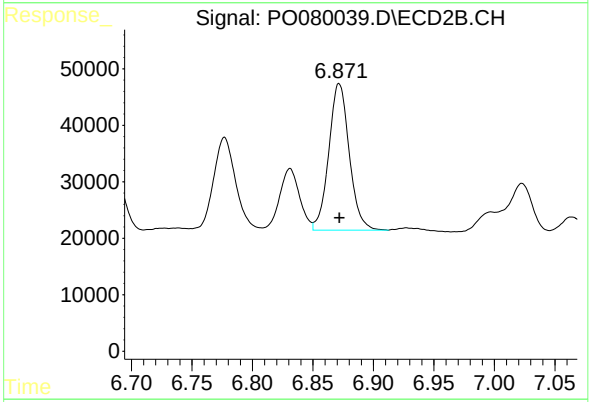
R.T.: 6.444 min
Delta R.T.: 0.000 min
Response: 222092
Conc: 185.22 ng/ml




#28 AR-1254-3

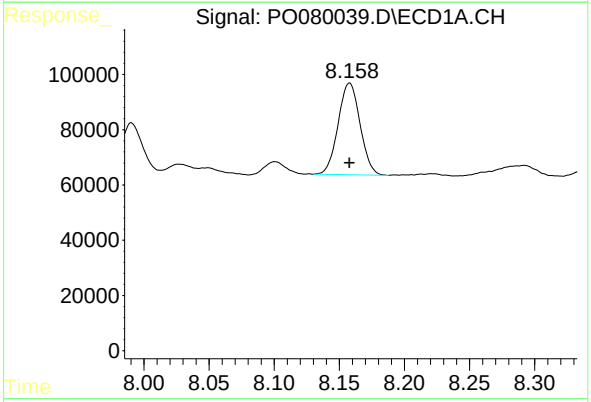
R.T.: 7.860 min
Delta R.T.: 0.000 min
Response: 653580
Conc: 189.82 ng/ml

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



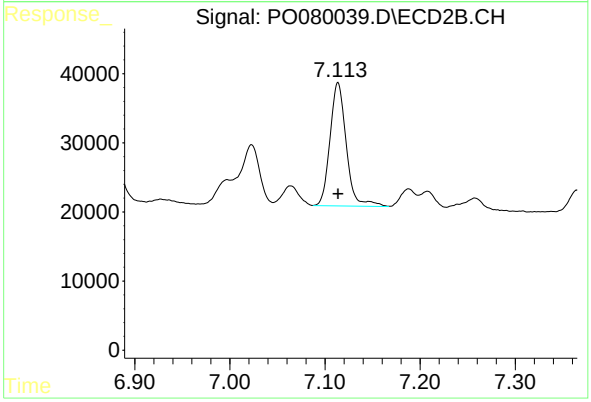

#28 AR-1254-3

R.T.: 6.872 min
Delta R.T.: 0.000 min
Response: 306558
Conc: 163.84 ng/ml



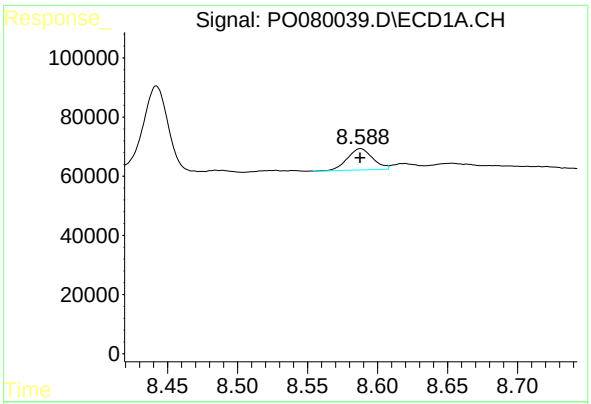

#29 AR-1254-4

R.T.: 8.158 min
Delta R.T.: 0.000 min
Response: 389188
Conc: 153.02 ng/ml




#29 AR-1254-4

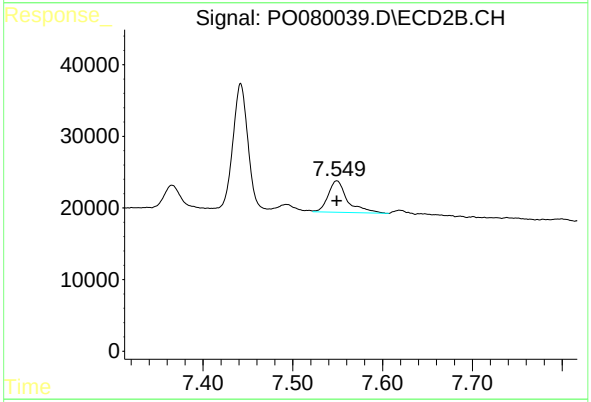
R.T.: 7.114 min
Delta R.T.: 0.000 min
Response: 211526
Conc: 178.67 ng/ml




#30 AR-1254-5

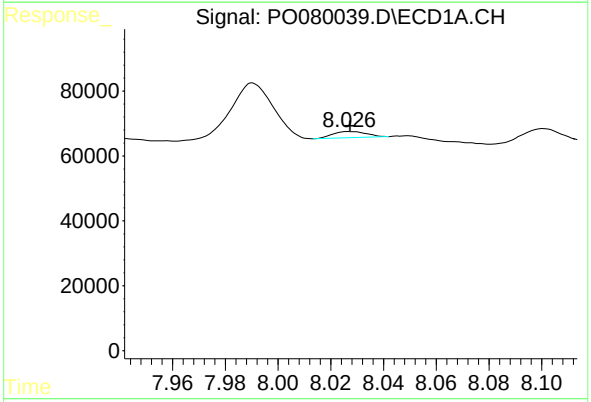
R.T.: 8.588 min
Delta R.T.: 0.000 min
Response: 90276
Conc: 33.95 ng/ml

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



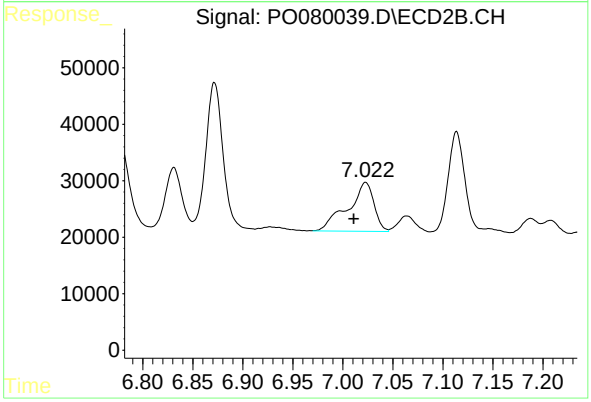

#30 AR-1254-5

R.T.: 7.549 min
Delta R.T.: 0.000 min
Response: 66196
Conc: 41.32 ng/ml



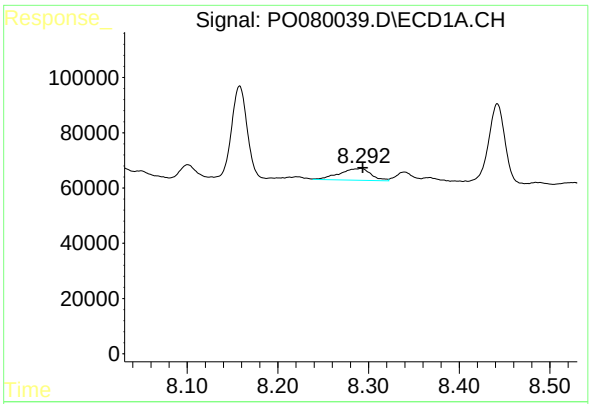

#31 AR-1260-1

R.T.: 8.027 min
Delta R.T.: 0.000 min
Response: 16572
Conc: 6.75 ng/ml




#31 AR-1260-1

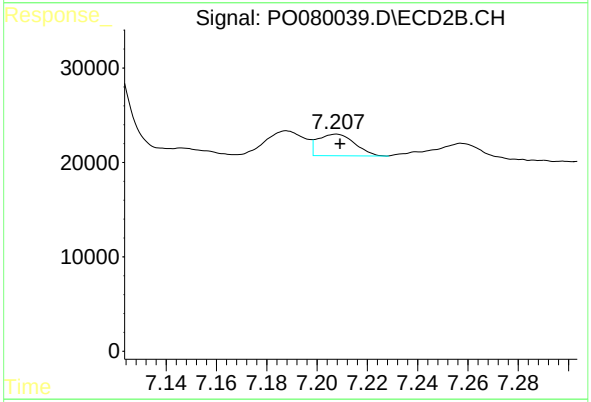
R.T.: 7.023 min
Delta R.T.: 0.012 min
Response: 158173
Conc: 122.20 ng/ml




#32 AR-1260-2

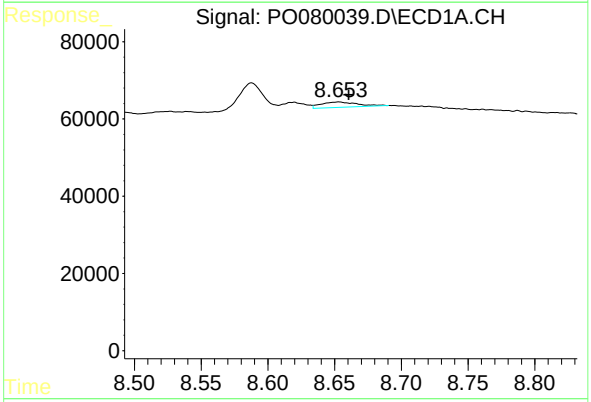
R.T.: 8.292 min
Delta R.T.: -0.002 min
Response: 102260
Conc: 33.27 ng/ml

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



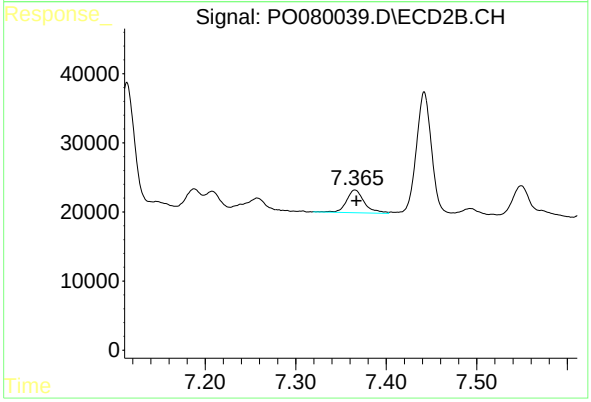

#32 AR-1260-2

R.T.: 7.208 min
Delta R.T.: -0.001 min
Response: 23226
Conc: 15.18 ng/ml



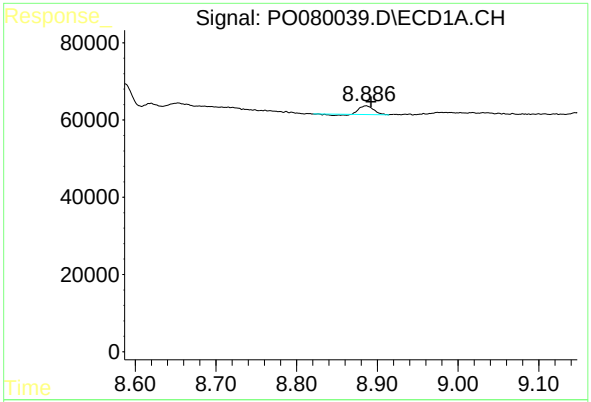

#33 AR-1260-3

R.T.: 8.653 min
Delta R.T.: -0.007 min
Response: 26295
Conc: 11.86 ng/ml




#33 AR-1260-3

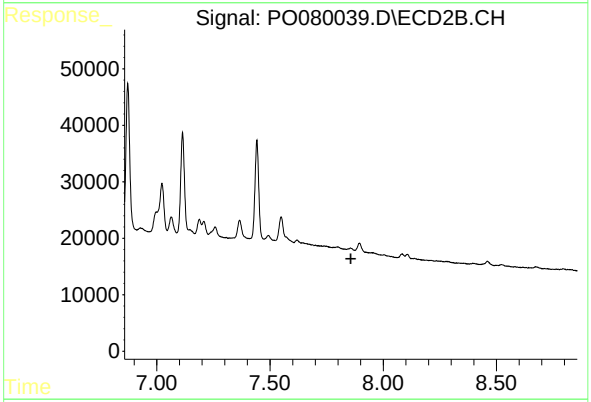
R.T.: 7.366 min
Delta R.T.: -0.001 min
Response: 44677
Conc: 30.60 ng/ml




#34 AR-1260-4

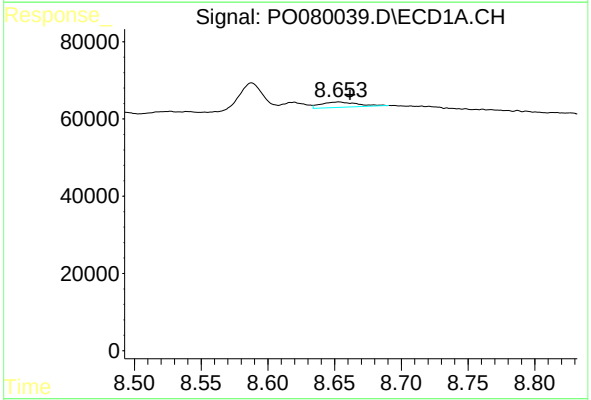
R.T.: 8.886 min
Delta R.T.: -0.006 min
Response: 24029
Conc: 9.36 ng/ml

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



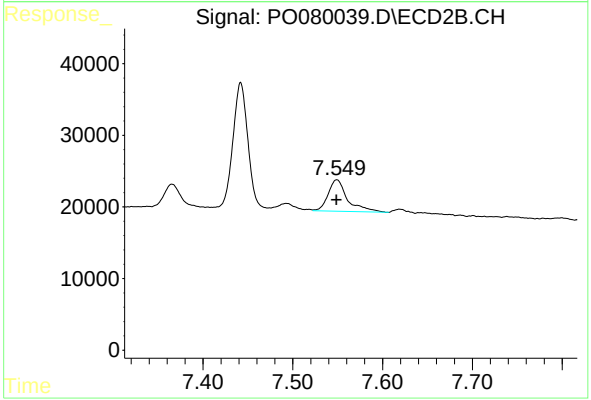

#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 7.857 min
Response: 0
Conc: N.D.




#36 AR-1262-1

R.T.: 8.653 min
Delta R.T.: -0.008 min
Response: 26295
Conc: 8.22 ng/ml




#36 AR-1262-1

R.T.: 7.549 min
Delta R.T.: 0.000 min
Response: 66196
Conc: 78.64 ng/ml