

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR041619\  
 Data File : PR037164.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Apr 2019 11:17  
 Operator : SM\SJ  
 Sample : I.BLK  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 ECD\_R  
 ClientSampleId :  
 I.BLK

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 16 12:57:53 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR040219.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Apr 03 03:09:33 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation

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... | 4.398  | 3.458 | 36413750 | 142.9E6  | 22.856   | 24.401     |
| 2)                          | SA Decachlor... | 10.045 | 8.323 | 43677244 | 174.5E6  | 23.313   | 21.861     |
|                             |                 |        |       |          |          |          |            |
| Target Compounds            |                 |        |       |          |          |          |            |
| 6)                          | L1 AR-1016-4    | 0.000  | 4.808 | 0        | 52284610 | N.D.     | 344.309 #  |
| 7)                          | L1 AR-1016-5    | 0.000  | 4.944 | 0        | 16820913 | N.D.     | 80.938 #   |
| 8)                          | L2 AR-1221-1    | 0.000  | 3.618 | 0        | 20922550 | N.D.     | 340.700 #  |
| 10)                         | L2 AR-1221-3    | 0.000  | 3.825 | 0        | 8221571  | N.D.     | 54.611 #   |
| 11)                         | L3 AR-1232-1    | 0.000  | 3.825 | 0        | 8221571  | N.D.     | 86.957 #   |
| 14)                         | L3 AR-1232-4    | 0.000  | 4.808 | 0        | 52284610 | N.D.     | 1056.960 # |
| 15)                         | L3 AR-1232-5    | 0.000  | 4.944 | 0        | 16820913 | N.D.     | 293.496 #  |
| 19)                         | L4 AR-1242-4    | 0.000  | 4.808 | 0        | 52284610 | N.D.     | 579.086 #  |
| 20)                         | L4 AR-1242-5    | 6.411  | 5.313 | 111.0E6  | 537.1E6  | 3611.537 | 3890.809   |
| 22)                         | L5 AR-1248-2    | 0.000  | 4.808 | 0        | 52284610 | N.D.     | 387.186 #  |
| 23)                         | L5 AR-1248-3    | 0.000  | 4.808 | 0        | 52284610 | N.D.     | 375.681 #  |
| 24)                         | L5 AR-1248-4    | 6.411  | 4.944 | 111.0E6  | 16820913 | 2065.299 | 95.377 #   |
| 25)                         | L5 AR-1248-5    | 6.411  | 5.313 | 111.0E6  | 537.1E6  | 2141.384 | 2762.926 # |
| 26)                         | L6 AR-1254-1    | 6.411  | 5.313 | 111.0E6  | 537.1E6  | 1914.654 | 1633.216   |
| 27)                         | L6 AR-1254-2    | 0.000  | 5.491 | 0        | 18537179 | N.D.     | 62.614 #   |
| 28)                         | L6 AR-1254-3    | 7.007  | 5.831 | 19588287 | 45613244 | 188.589  | 89.663 #   |
| 29)                         | L6 AR-1254-4    | 0.000  | 6.040 | 0        | 64553406 | N.D.     | 168.448 #  |
| 30)                         | L6 AR-1254-5    | 0.000  | 6.477 | 0        | 86315261 | N.D.     | 169.769 #  |
| 31)                         | L7 AR-1260-1    | 0.000  | 5.981 | 0        | 34901287 | N.D.     | 79.797 #   |
| 32)                         | L7 AR-1260-2    | 0.000  | 6.136 | 0        | 164.4E6  | N.D.     | 251.363 #  |
| 33)                         | L7 AR-1260-3    | 0.000  | 6.292 | 0        | 14147136 | N.D.     | 26.749 #   |
| 34)                         | L7 AR-1260-4    | 0.000  | 6.761 | 0        | 39947081 | N.D.     | 85.660 #   |
| 35)                         | L7 AR-1260-5    | 0.000  | 7.003 | 0        | 30062225 | N.D.     | 22.578 #   |
| 36)                         | L8 AR-1262-1    | 0.000  | 6.583 | 0        | 50453655 | N.D.     | 184.059 #  |
| 37)                         | L8 AR-1262-2    | 0.000  | 7.003 | 0        | 30062225 | N.D.     | 21.933 #   |
| 38)                         | L8 AR-1262-3    | 0.000  | 7.302 | 0        | 831.7E6  | N.D.     | 1523.694 # |
| 39)                         | L8 AR-1262-4    | 0.000  | 7.302 | 0        | 831.7E6  | N.D.     | 905.450 #  |
| 40)                         | L8 AR-1262-5    | 0.000  | 7.846 | 0        | 8531901  | N.D.     | 21.241 #   |
| 41)                         | L9 AR-1268-1    | 0.000  | 7.302 | 0        | 831.7E6  | N.D.     | 561.993 #  |
| 42)                         | L9 AR-1268-2    | 0.000  | 7.302 | 0        | 831.7E6  | N.D.     | 662.517 #  |
| 43)                         | L9 AR-1268-3    | 0.000  | 7.532 | 0        | 5692671  | N.D.     | 5.853 #    |
| 44)                         | L9 AR-1268-4    | 0.000  | 7.846 | 0        | 8531901  | N.D.     | 19.641 #   |
| 45)                         | L9 AR-1268-5    | 0.000  | 8.066 | 0        | 3591727  | N.D.     | 1.190 #    |
| -----                       |                 |        |       |          |          |          |            |

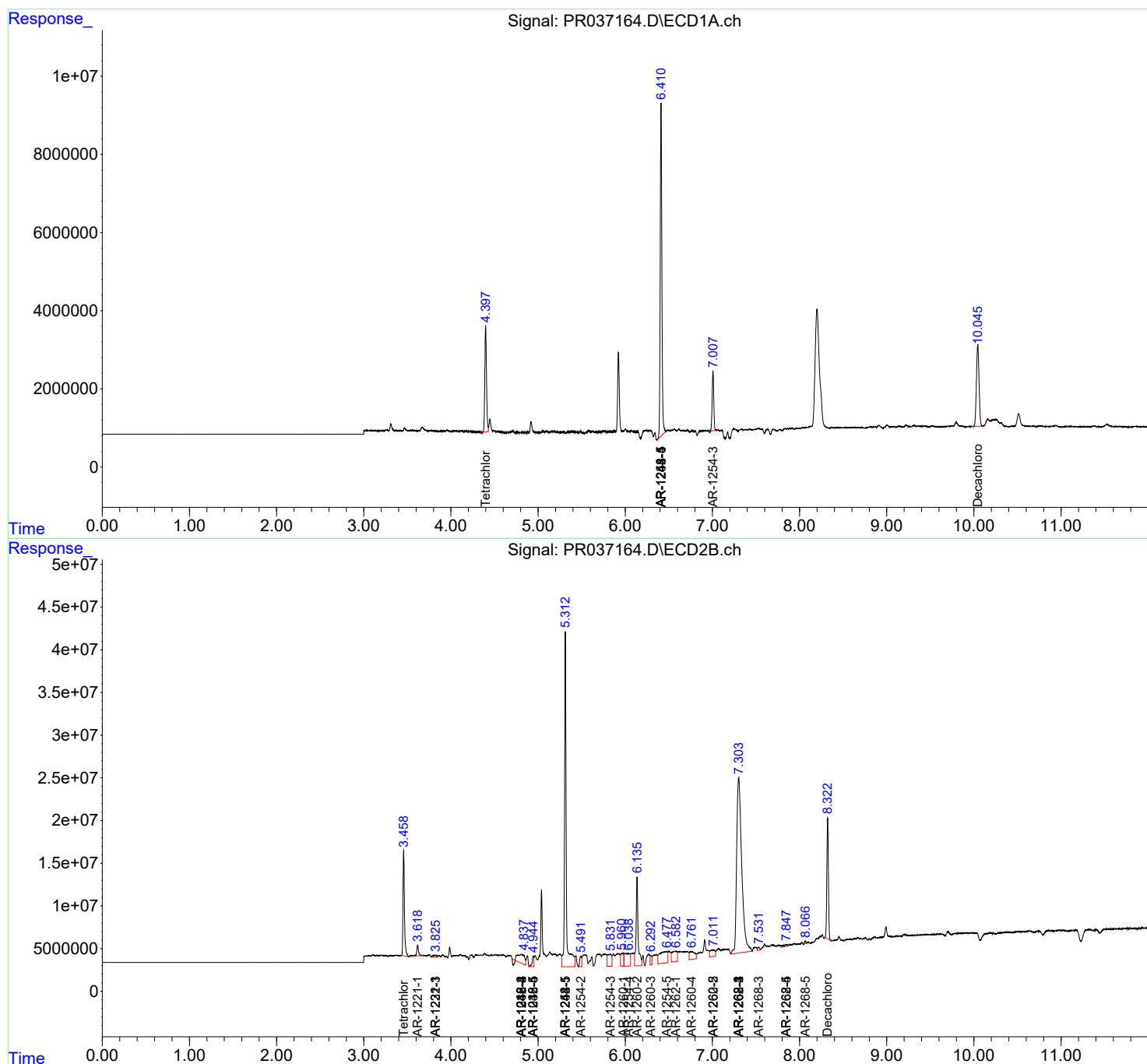
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

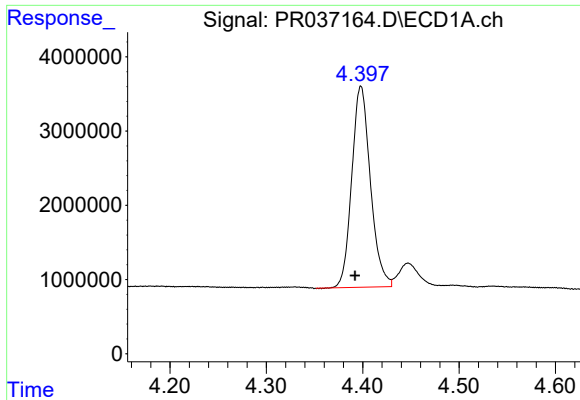
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR041619\  
Data File : PR037164.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 Apr 2019 11:17  
Operator : SM\SJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_R  
ClientSampled :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 16 12:57:53 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR040219.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Apr 03 03:09:33 2019  
Response via : Initial Calibration  
Integrator: ChemStation

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

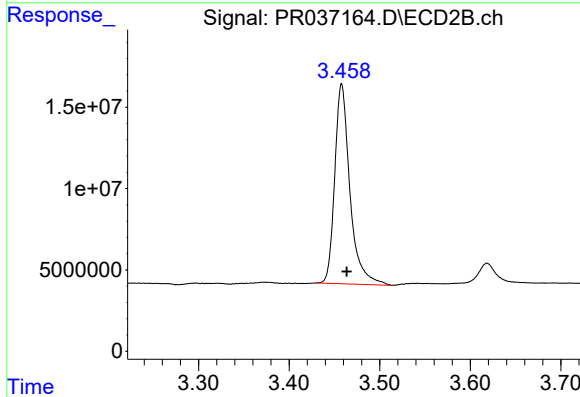




#1 Tetrachloro-m-xylene

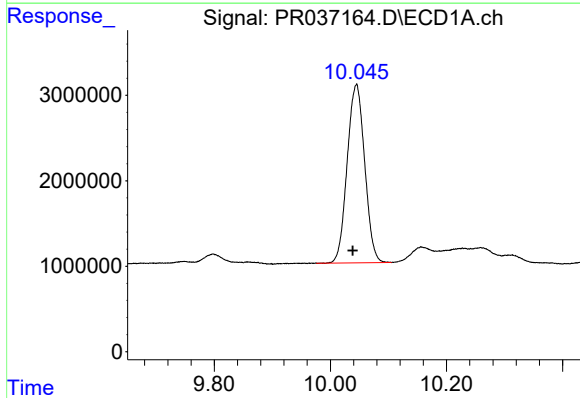
R.T.: 4.398 min  
Delta R.T.: 0.006 min  
Response: 36413750  
Conc: 22.86 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
I.BLK



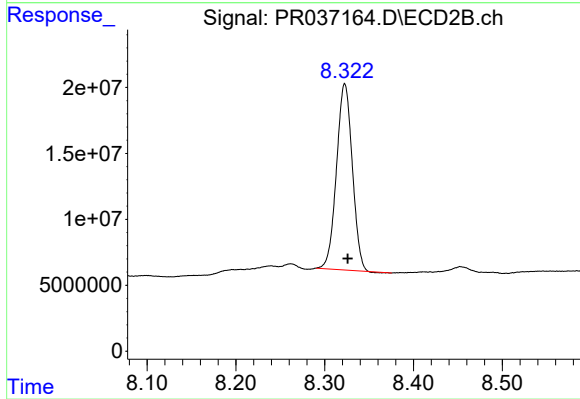
#1 Tetrachloro-m-xylene

R.T.: 3.458 min  
Delta R.T.: -0.006 min  
Response: 142939593  
Conc: 24.40 ng/ml



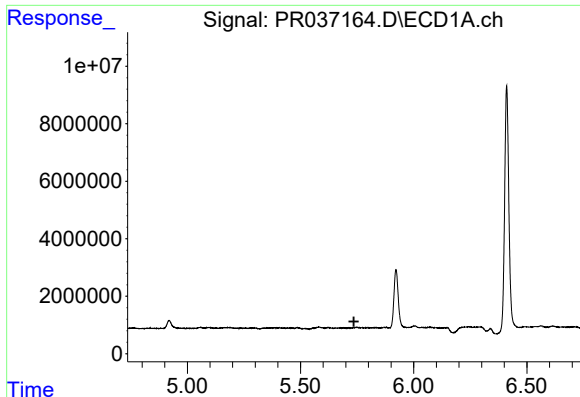
#2 Decachlorobiphenyl

R.T.: 10.045 min  
Delta R.T.: 0.006 min  
Response: 43677244  
Conc: 23.31 ng/ml



#2 Decachlorobiphenyl

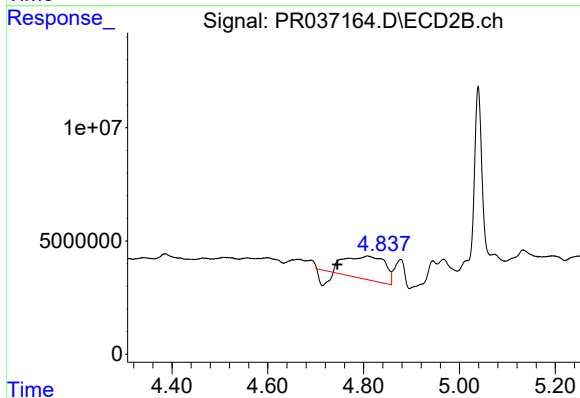
R.T.: 8.323 min  
Delta R.T.: -0.003 min  
Response: 174497573  
Conc: 21.86 ng/ml



#6 AR-1016-4

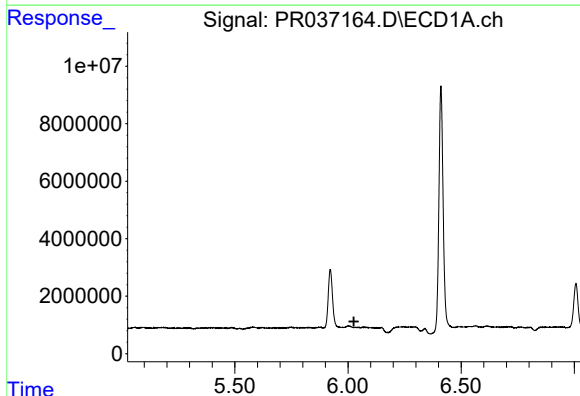
R.T.: 0.000 min  
Exp R.T.: 5.736 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
I.BLK



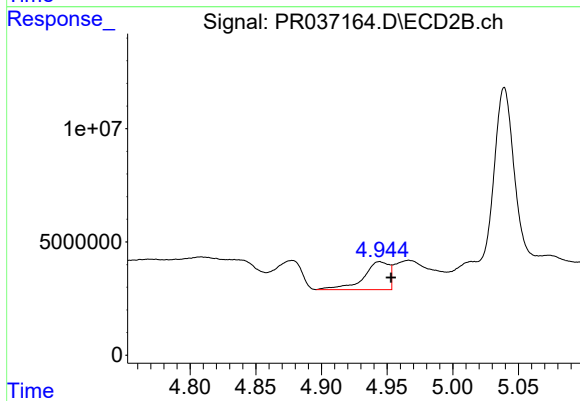
#6 AR-1016-4

R.T.: 4.808 min  
Delta R.T.: 0.063 min  
Response: 52284610  
Conc: 344.31 ng/ml



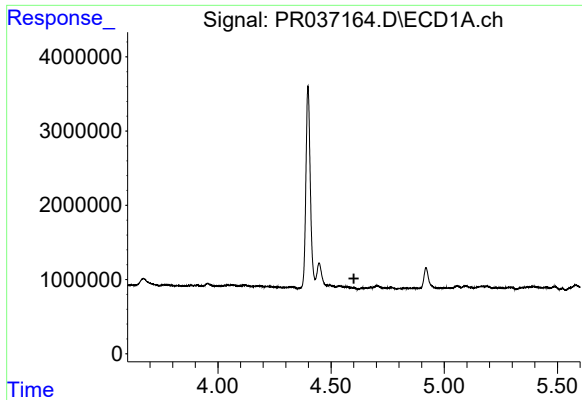
#7 AR-1016-5

R.T.: 0.000 min  
Exp R.T.: 6.026 min  
Response: 0  
Conc: N.D.



#7 AR-1016-5

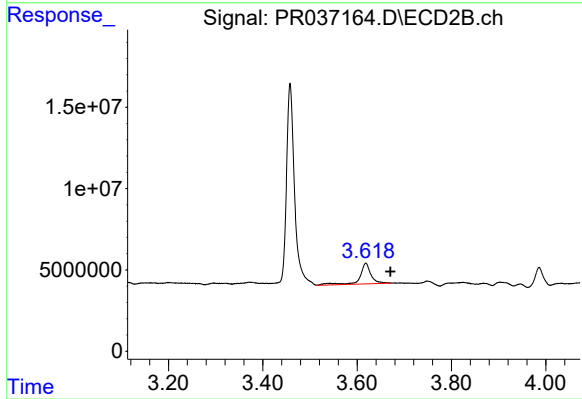
R.T.: 4.944 min  
Delta R.T.: -0.009 min  
Response: 16820913  
Conc: 80.94 ng/ml



#8 AR-1221-1

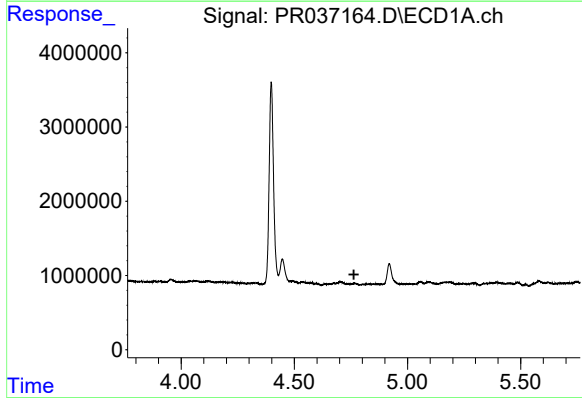
R.T.: 0.000 min  
Exp R.T.: 4.601 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
I.BLK



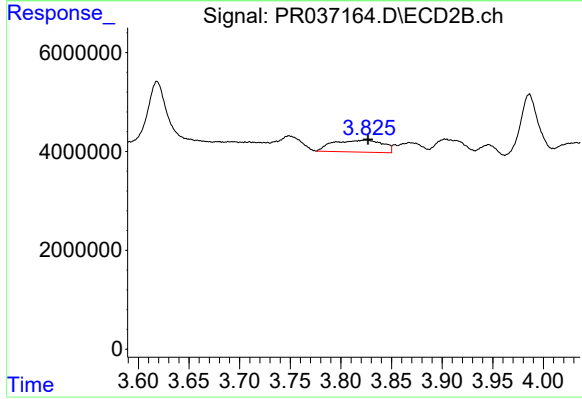
#8 AR-1221-1

R.T.: 3.618 min  
Delta R.T.: -0.052 min  
Response: 20922550  
Conc: 340.70 ng/ml



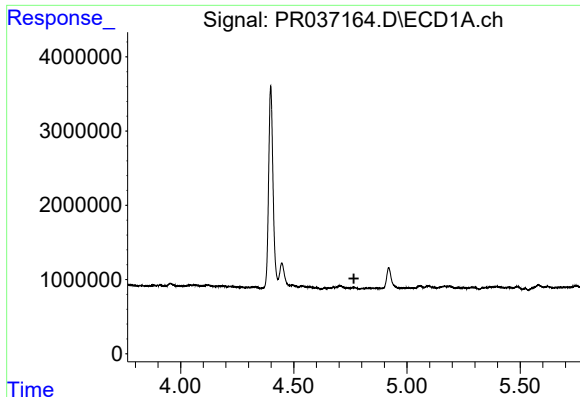
#10 AR-1221-3

R.T.: 0.000 min  
Exp R.T.: 4.763 min  
Response: 0  
Conc: N.D.



#10 AR-1221-3

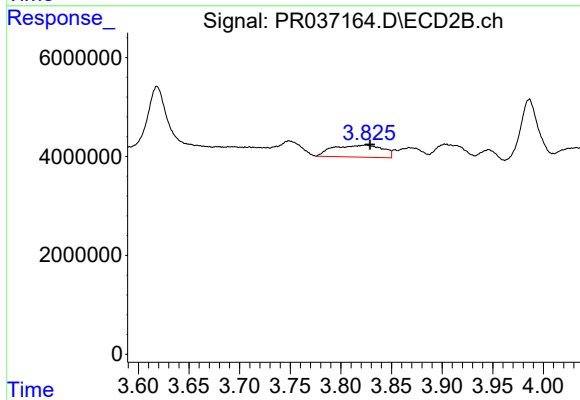
R.T.: 3.825 min  
Delta R.T.: -0.002 min  
Response: 8221571  
Conc: 54.61 ng/ml



#11 AR-1232-1

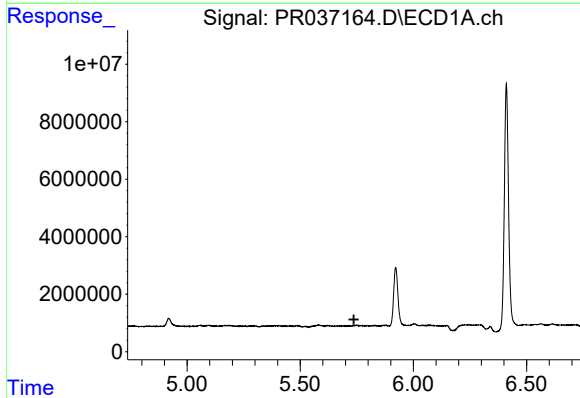
R.T.: 0.000 min  
Exp R.T. : 4.766 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
I.BLK



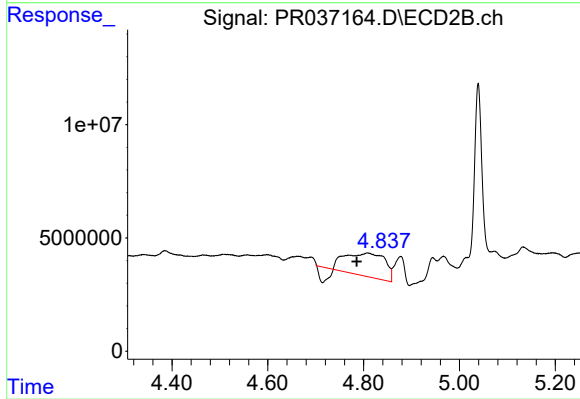
#11 AR-1232-1

R.T.: 3.825 min  
Delta R.T.: -0.004 min  
Response: 8221571  
Conc: 86.96 ng/ml



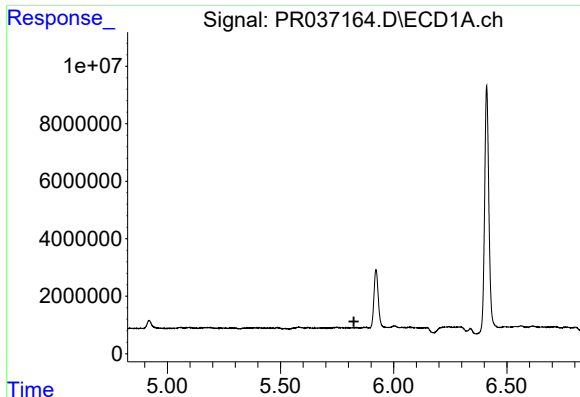
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T. : 5.737 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

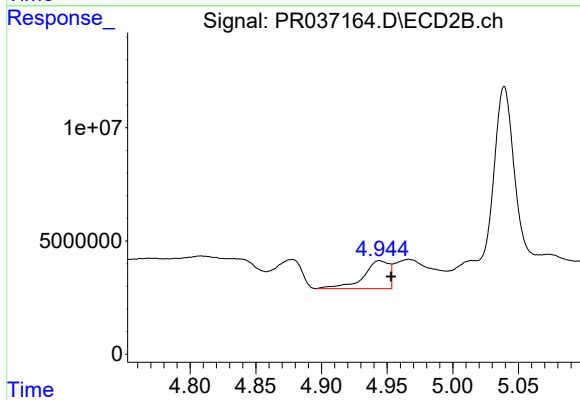
R.T.: 4.808 min  
Delta R.T.: 0.022 min  
Response: 52284610  
Conc: 1056.96 ng/ml



#15 AR-1232-5

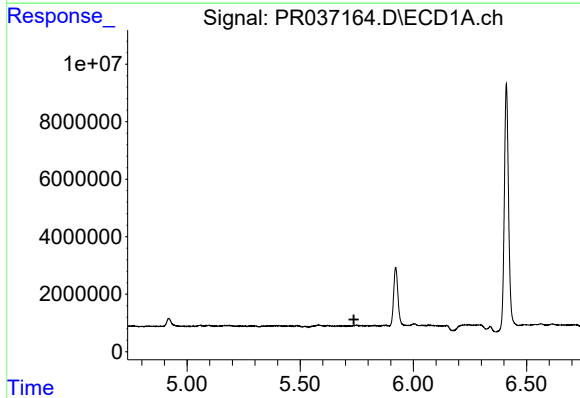
R.T.: 0.000 min  
Exp R.T.: 5.824 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
I.BLK



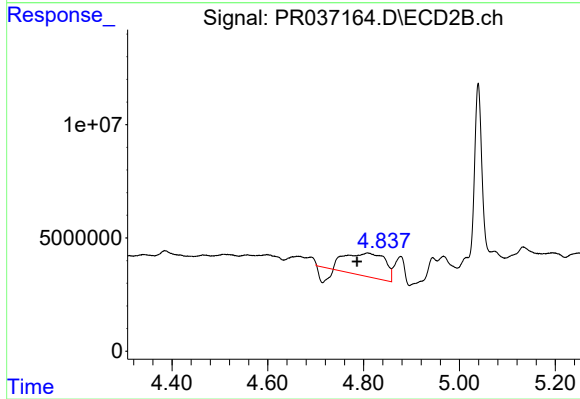
#15 AR-1232-5

R.T.: 4.944 min  
Delta R.T.: -0.009 min  
Response: 16820913  
Conc: 293.50 ng/ml



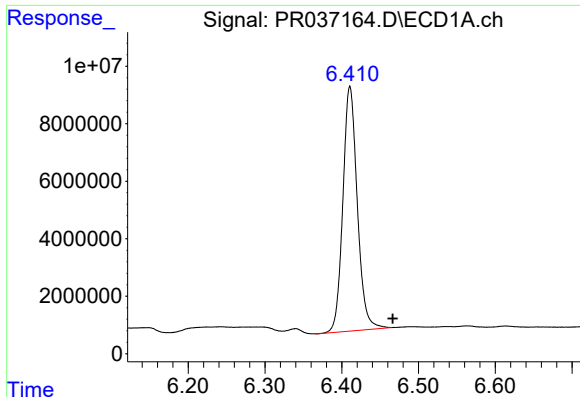
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T.: 5.737 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

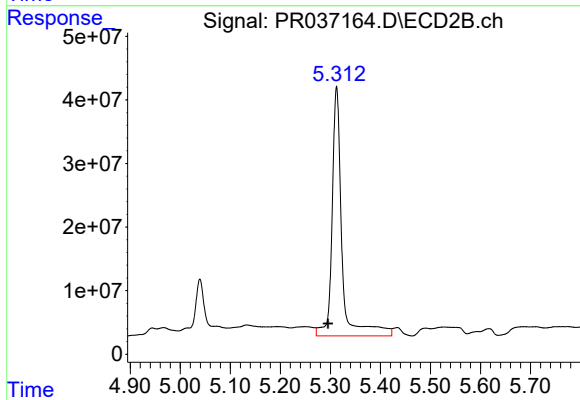
R.T.: 4.808 min  
Delta R.T.: 0.022 min  
Response: 52284610  
Conc: 579.09 ng/ml



#20 AR-1242-5

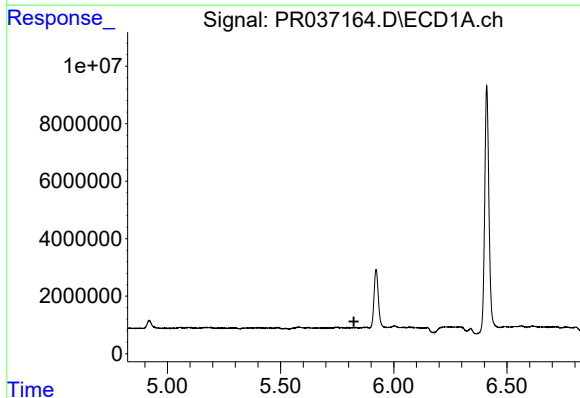
R.T.: 6.411 min  
Delta R.T.: -0.056 min  
Response: 110972782  
Conc: 3611.54 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
I.BLK



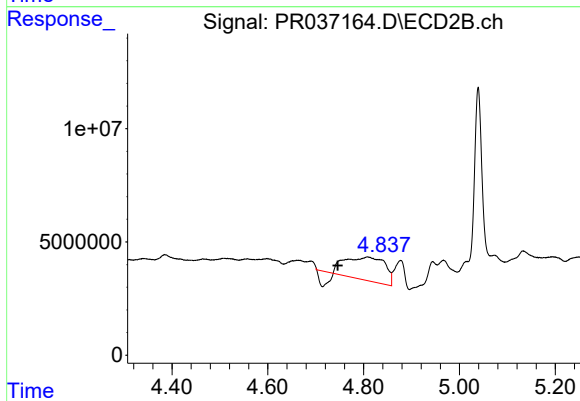
#20 AR-1242-5

R.T.: 5.313 min  
Delta R.T.: 0.017 min  
Response: 537145745  
Conc: 3890.81 ng/ml



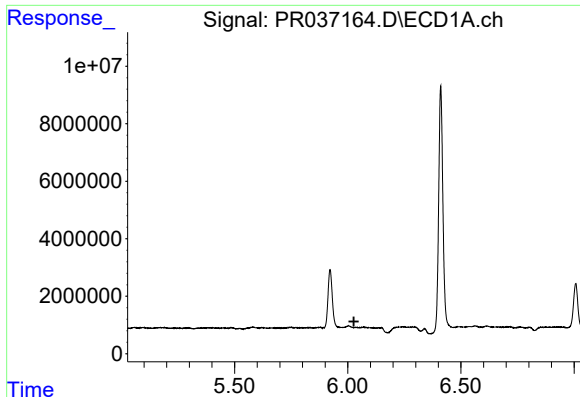
#22 AR-1248-2

R.T.: 0.000 min  
Exp R.T. : 5.824 min  
Response: 0  
Conc: N.D.



#22 AR-1248-2

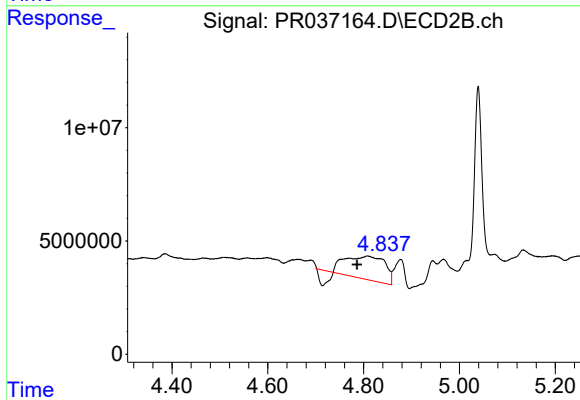
R.T.: 4.808 min  
Delta R.T.: 0.062 min  
Response: 52284610  
Conc: 387.19 ng/ml



#23 AR-1248-3

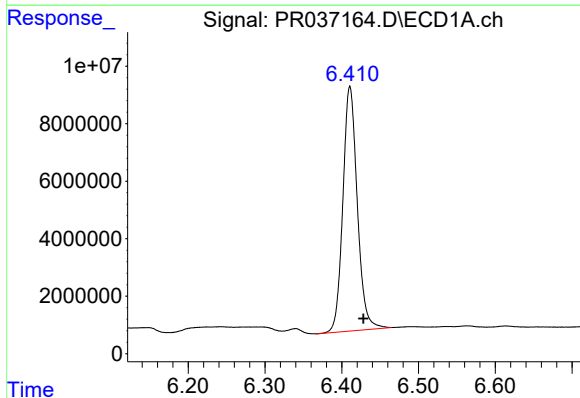
R.T.: 0.000 min  
Exp R.T.: 6.027 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
I.BLK



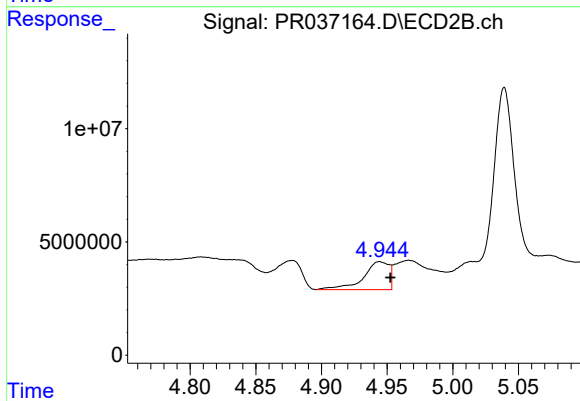
#23 AR-1248-3

R.T.: 4.808 min  
Delta R.T.: 0.022 min  
Response: 52284610  
Conc: 375.68 ng/ml



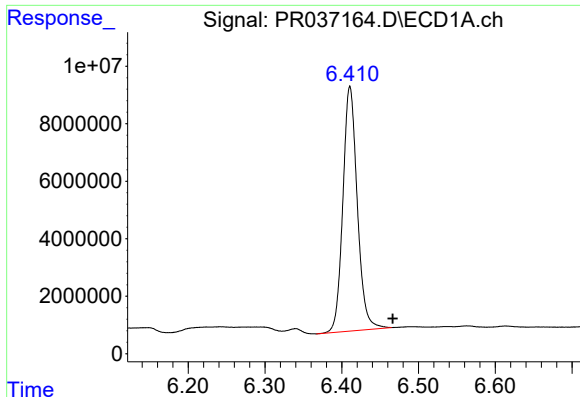
#24 AR-1248-4

R.T.: 6.411 min  
Delta R.T.: -0.017 min  
Response: 110972782  
Conc: 2065.30 ng/ml



#24 AR-1248-4

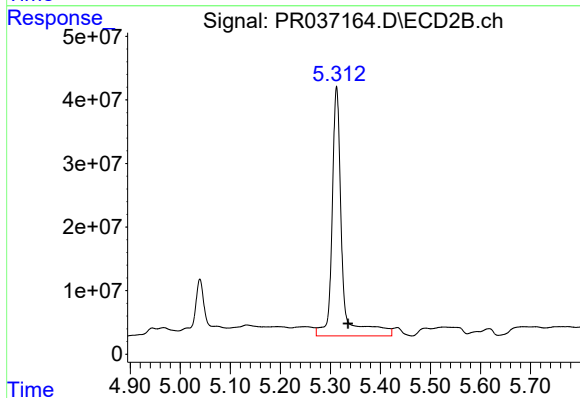
R.T.: 4.944 min  
Delta R.T.: -0.008 min  
Response: 16820913  
Conc: 95.38 ng/ml



#25 AR-1248-5

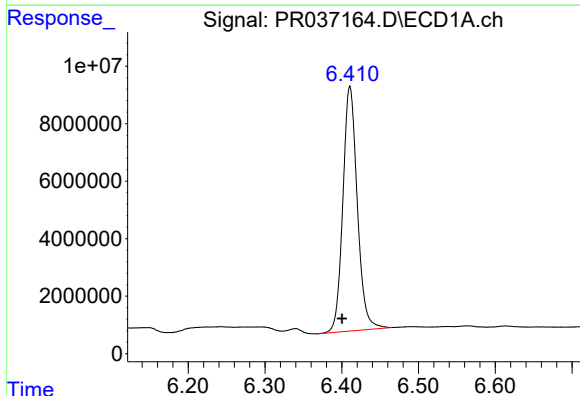
R.T.: 6.411 min  
Delta R.T.: -0.056 min  
Response: 110972782  
Conc: 2141.38 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
I.BLK



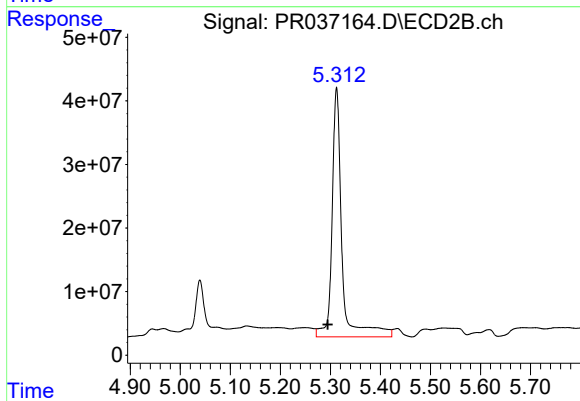
#25 AR-1248-5

R.T.: 5.313 min  
Delta R.T.: -0.023 min  
Response: 537145745  
Conc: 2762.93 ng/ml



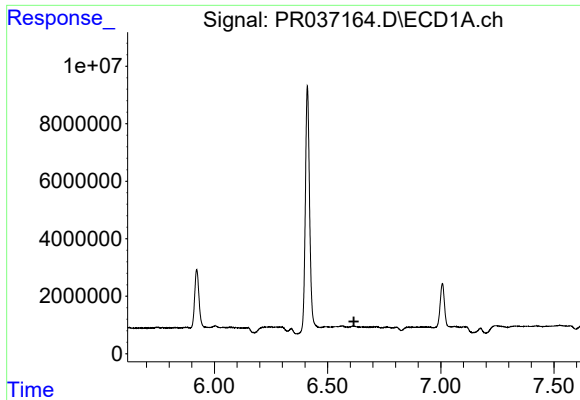
#26 AR-1254-1

R.T.: 6.411 min  
Delta R.T.: 0.010 min  
Response: 110972782  
Conc: 1914.65 ng/ml



#26 AR-1254-1

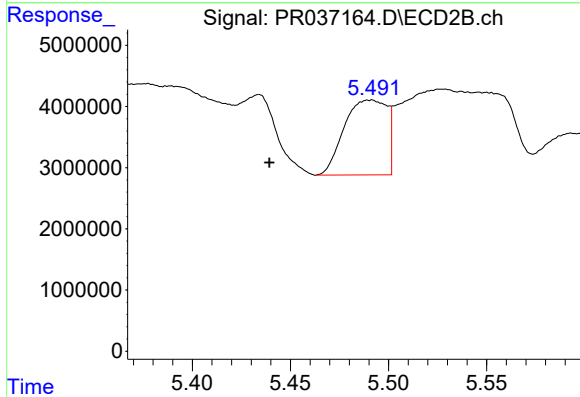
R.T.: 5.313 min  
Delta R.T.: 0.018 min  
Response: 537145745  
Conc: 1633.22 ng/ml



#27 AR-1254-2

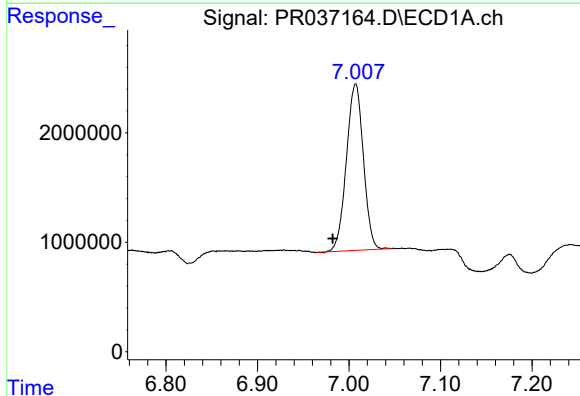
R.T.: 0.000 min  
Exp R.T.: 6.616 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
I.BLK



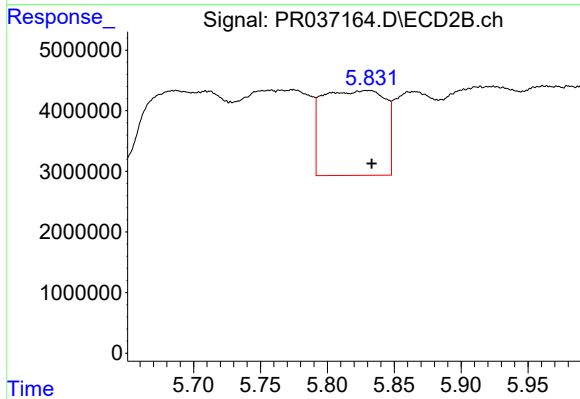
#27 AR-1254-2

R.T.: 5.491 min  
Delta R.T.: 0.051 min  
Response: 18537179  
Conc: 62.61 ng/ml



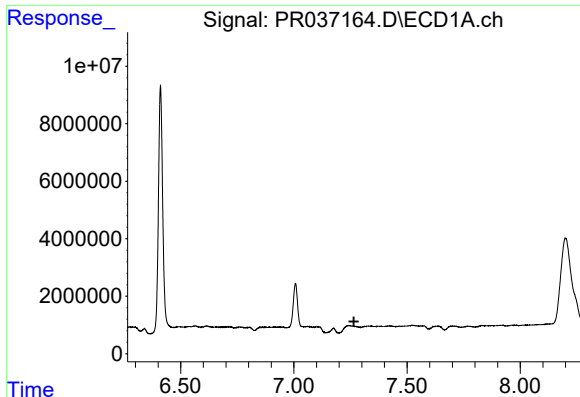
#28 AR-1254-3

R.T.: 7.007 min  
Delta R.T.: 0.025 min  
Response: 19588287  
Conc: 188.59 ng/ml



#28 AR-1254-3

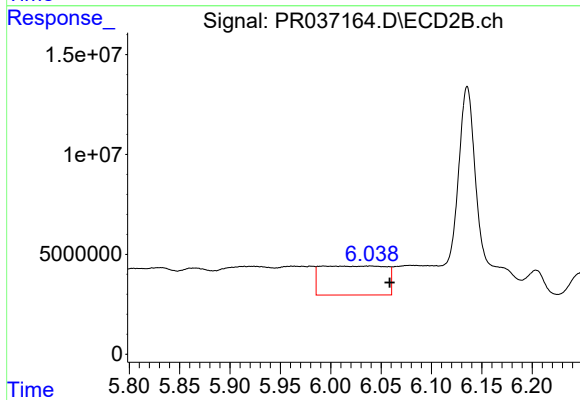
R.T.: 5.831 min  
Delta R.T.: -0.002 min  
Response: 45613244  
Conc: 89.66 ng/ml



#29 AR-1254-4

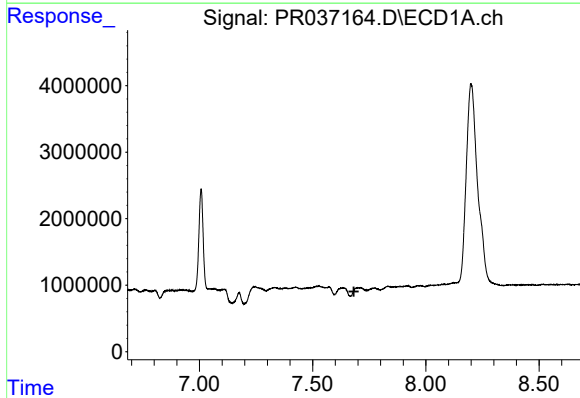
R.T.: 0.000 min  
Exp R.T.: 7.265 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
I.BLK



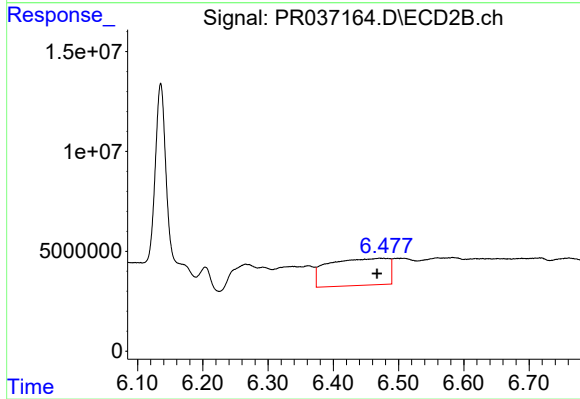
#29 AR-1254-4

R.T.: 6.040 min  
Delta R.T.: -0.019 min  
Response: 64553406  
Conc: 168.45 ng/ml



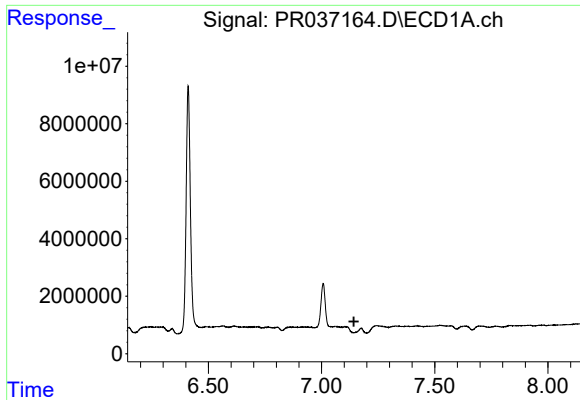
#30 AR-1254-5

R.T.: 0.000 min  
Exp R.T.: 7.682 min  
Response: 0  
Conc: N.D.



#30 AR-1254-5

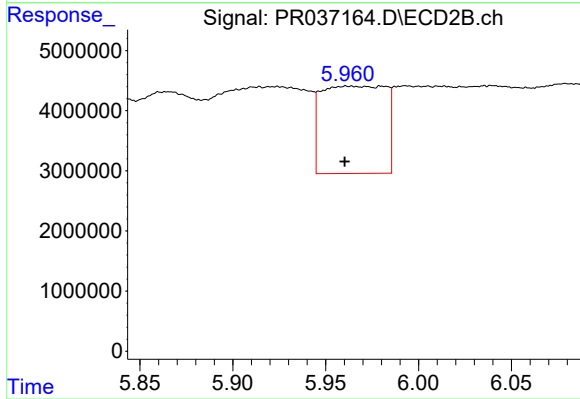
R.T.: 6.477 min  
Delta R.T.: 0.010 min  
Response: 86315261  
Conc: 169.77 ng/ml



#31 AR-1260-1

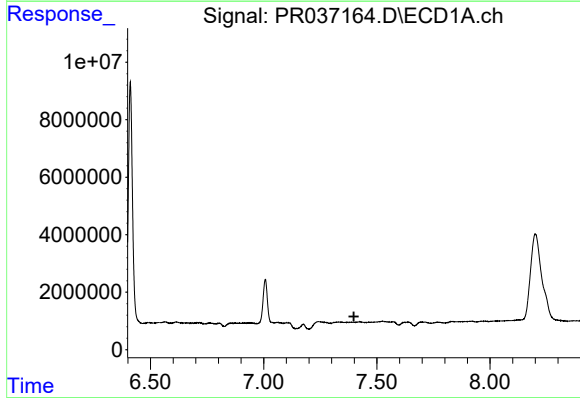
R.T.: 0.000 min  
Exp R.T. : 7.143 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
I.BLK



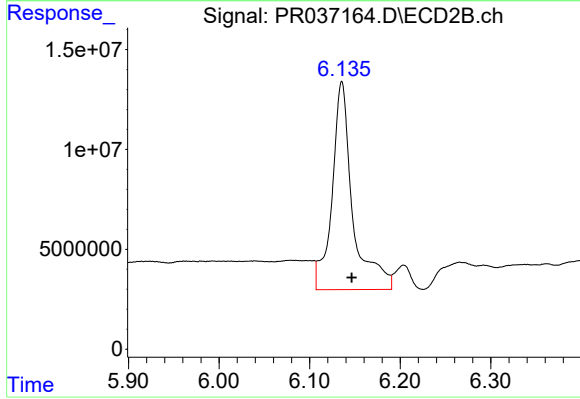
#31 AR-1260-1

R.T.: 5.981 min  
Delta R.T.: 0.020 min  
Response: 34901287  
Conc: 79.80 ng/ml



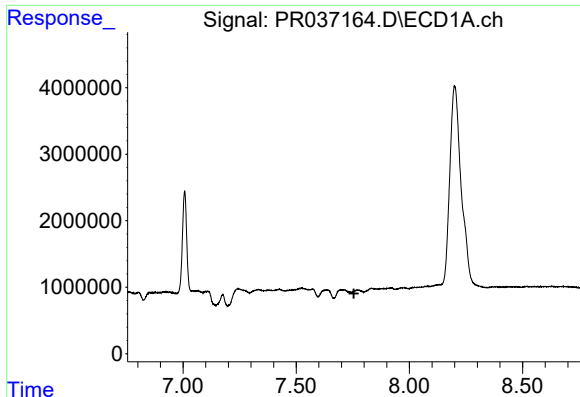
#32 AR-1260-2

R.T.: 0.000 min  
Exp R.T. : 7.398 min  
Response: 0  
Conc: N.D.



#32 AR-1260-2

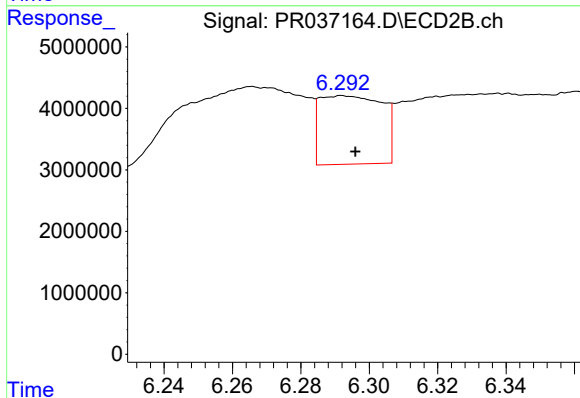
R.T.: 6.136 min  
Delta R.T.: -0.011 min  
Response: 164410378  
Conc: 251.36 ng/ml



#33 AR-1260-3

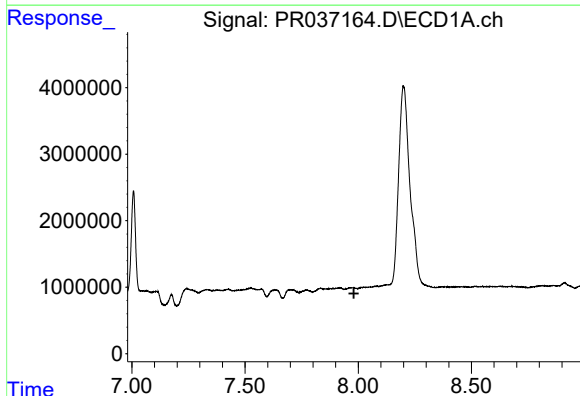
R.T.: 0.000 min  
Exp R.T.: 7.755 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
I.BLK



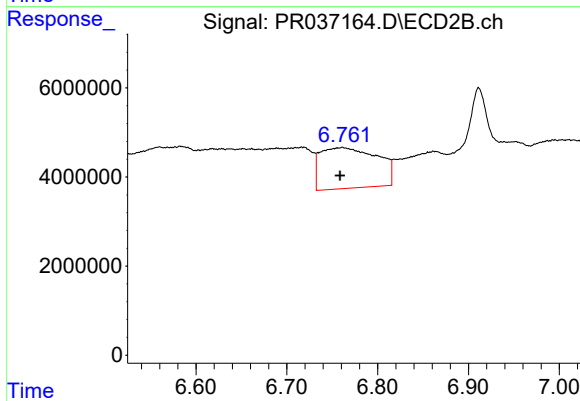
#33 AR-1260-3

R.T.: 6.292 min  
Delta R.T.: -0.004 min  
Response: 14147136  
Conc: 26.75 ng/ml



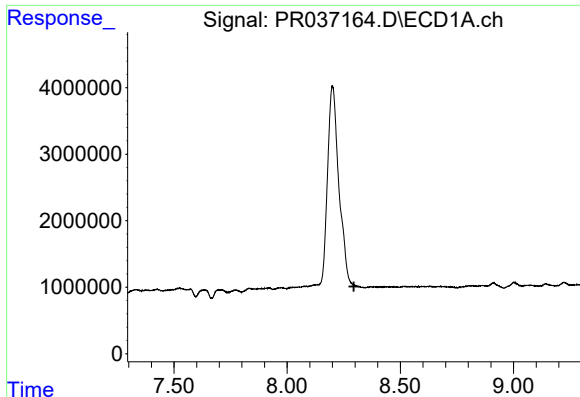
#34 AR-1260-4

R.T.: 0.000 min  
Exp R.T.: 7.981 min  
Response: 0  
Conc: N.D.



#34 AR-1260-4

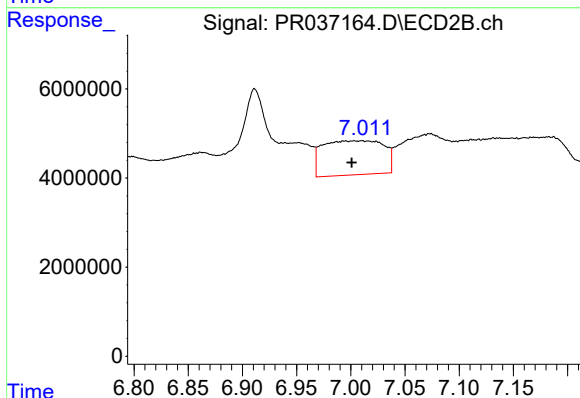
R.T.: 6.761 min  
Delta R.T.: 0.003 min  
Response: 39947081  
Conc: 85.66 ng/ml



#35 AR-1260-5

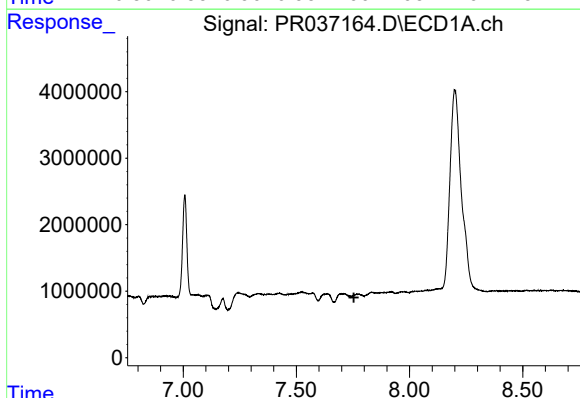
R.T.: 0.000 min  
Exp R.T. : 8.295 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
I.BLK



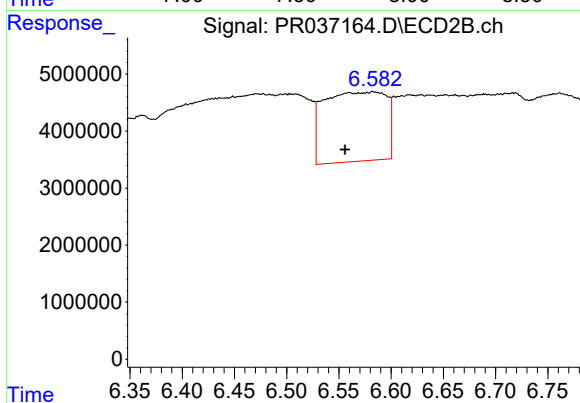
#35 AR-1260-5

R.T.: 7.003 min  
Delta R.T.: 0.002 min  
Response: 30062225  
Conc: 22.58 ng/ml



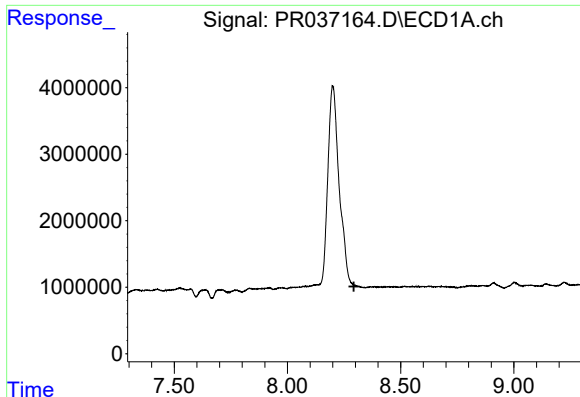
#36 AR-1262-1

R.T.: 0.000 min  
Exp R.T. : 7.754 min  
Response: 0  
Conc: N.D.



#36 AR-1262-1

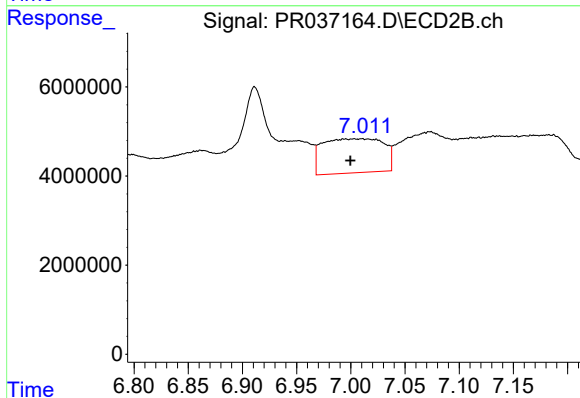
R.T.: 6.583 min  
Delta R.T.: 0.027 min  
Response: 50453655  
Conc: 184.06 ng/ml



#37 AR-1262-2

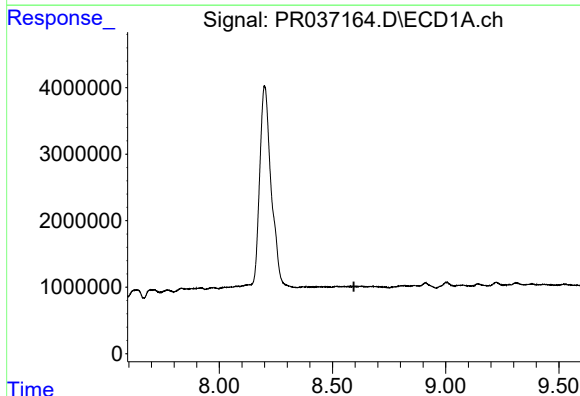
R.T.: 0.000 min  
Exp R.T. : 8.294 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
I.BLK



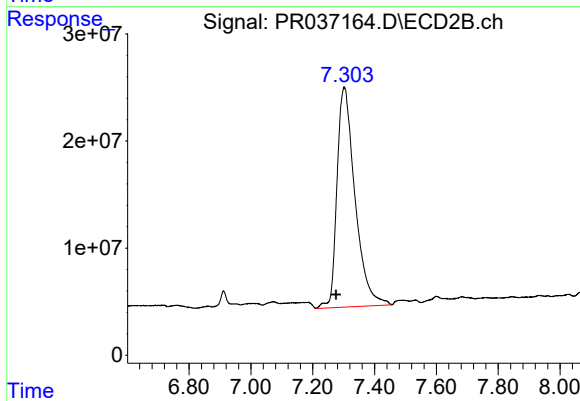
#37 AR-1262-2

R.T.: 7.003 min  
Delta R.T.: 0.003 min  
Response: 30062225  
Conc: 21.93 ng/ml



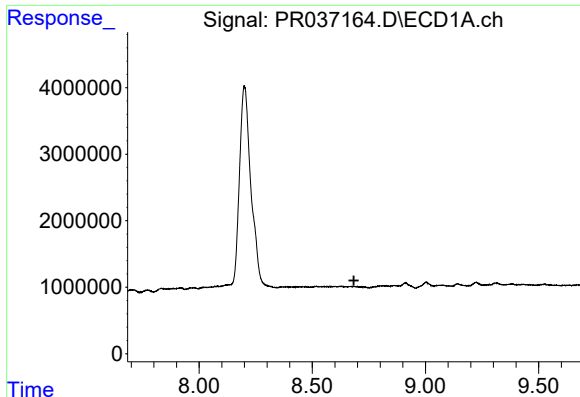
#38 AR-1262-3

R.T.: 0.000 min  
Exp R.T. : 8.595 min  
Response: 0  
Conc: N.D.



#38 AR-1262-3

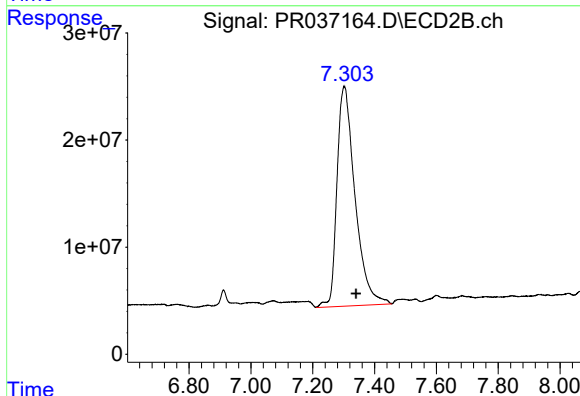
R.T.: 7.302 min  
Delta R.T.: 0.026 min  
Response: 831741079  
Conc: 1523.69 ng/ml



#39 AR-1262-4

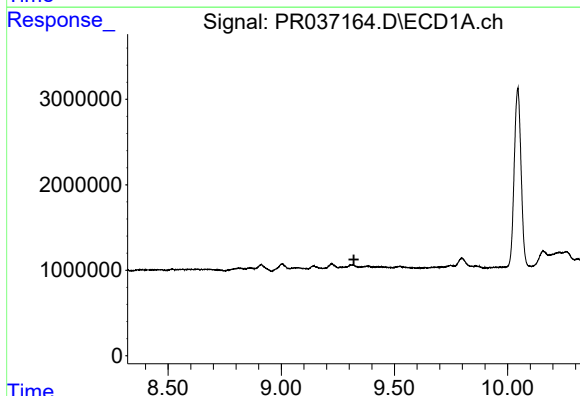
R.T.: 0.000 min  
Exp R.T.: 8.684 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
I.BLK



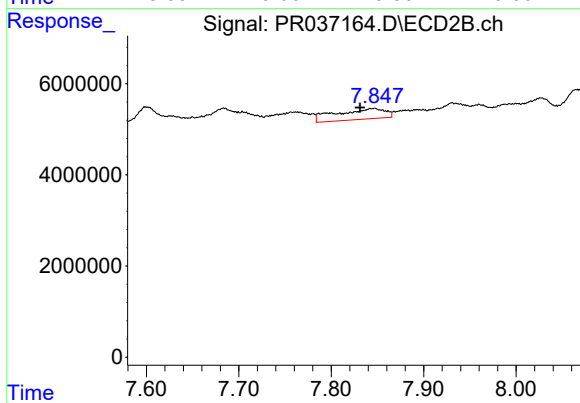
#39 AR-1262-4

R.T.: 7.302 min  
Delta R.T.: -0.038 min  
Response: 831741079  
Conc: 905.45 ng/ml



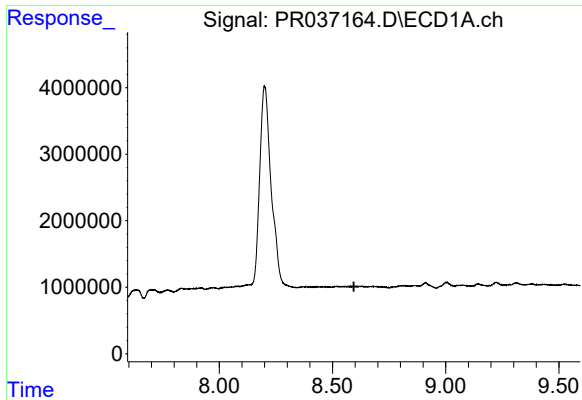
#40 AR-1262-5

R.T.: 0.000 min  
Exp R.T.: 9.321 min  
Response: 0  
Conc: N.D.



#40 AR-1262-5

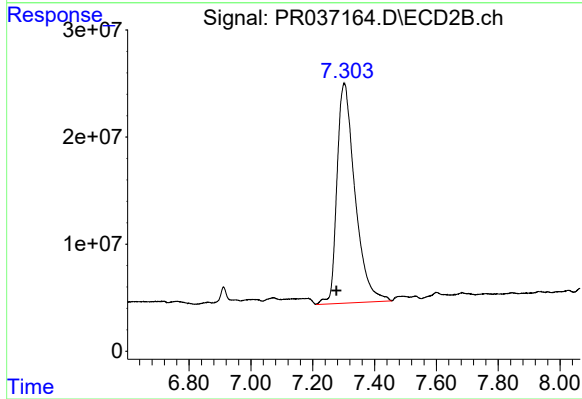
R.T.: 7.846 min  
Delta R.T.: 0.014 min  
Response: 8531901  
Conc: 21.24 ng/ml



#41 AR-1268-1

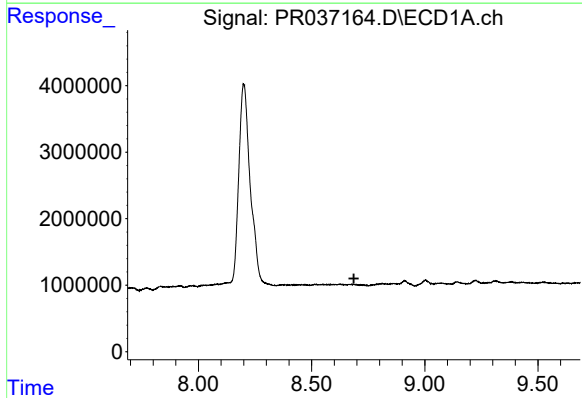
R.T.: 0.000 min  
Exp R.T.: 8.595 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
I.BLK



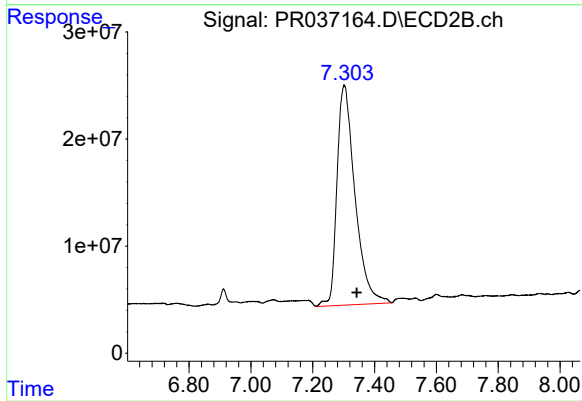
#41 AR-1268-1

R.T.: 7.302 min  
Delta R.T.: 0.026 min  
Response: 831741079  
Conc: 561.99 ng/ml



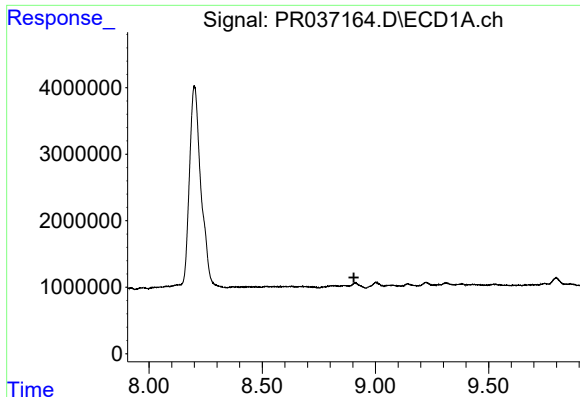
#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T.: 8.687 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

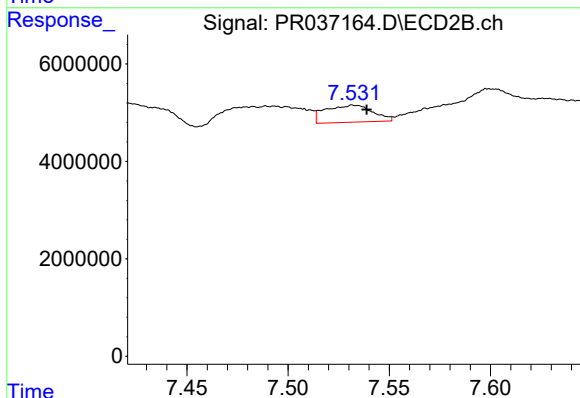
R.T.: 7.302 min  
Delta R.T.: -0.040 min  
Response: 831741079  
Conc: 662.52 ng/ml



#43 AR-1268-3

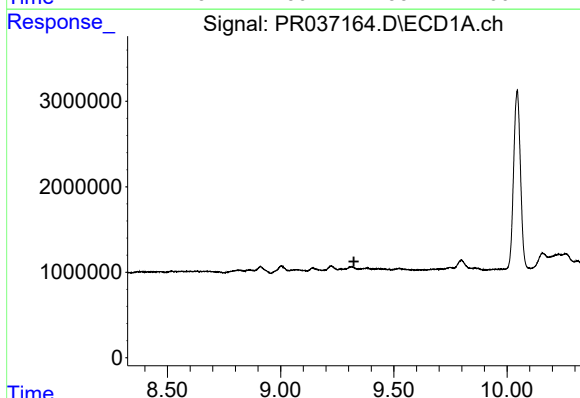
R.T.: 0.000 min  
Exp R.T. : 8.905 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
I.BLK



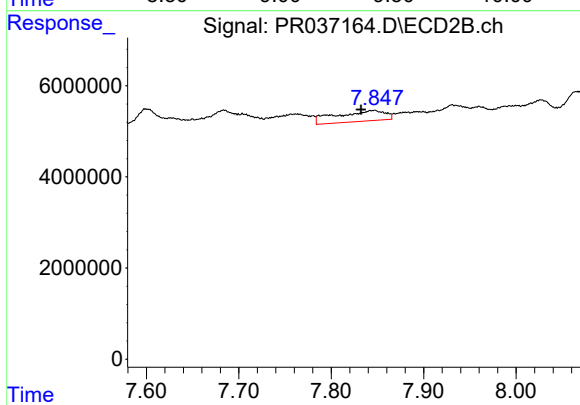
#43 AR-1268-3

R.T.: 7.532 min  
Delta R.T.: -0.007 min  
Response: 5692671  
Conc: 5.85 ng/ml



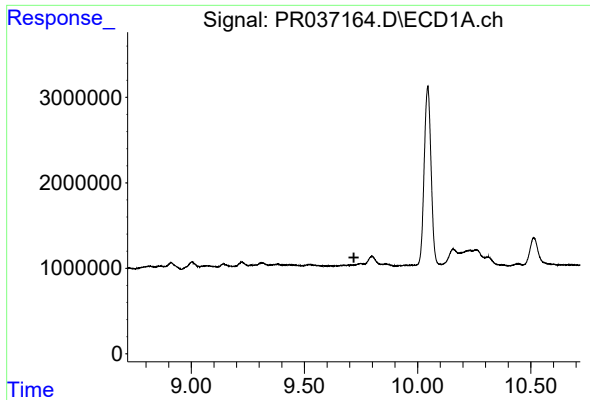
#44 AR-1268-4

R.T.: 0.000 min  
Exp R.T. : 9.323 min  
Response: 0  
Conc: N.D.



#44 AR-1268-4

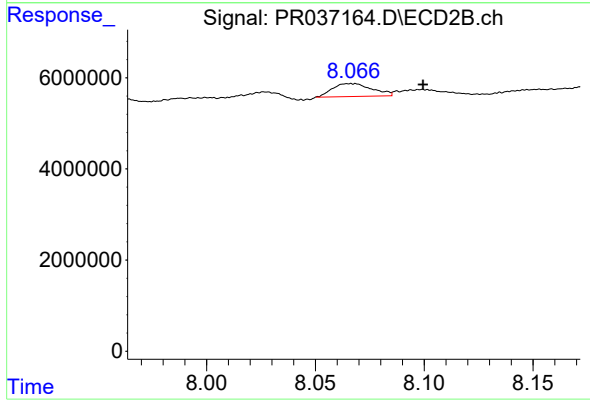
R.T.: 7.846 min  
Delta R.T.: 0.013 min  
Response: 8531901  
Conc: 19.64 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T.: 9.719 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
I.BLK



#45 AR-1268-5

R.T.: 8.066 min  
Delta R.T.: -0.033 min  
Response: 3591727  
Conc: 1.19 ng/ml