

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR021519\  
 Data File : PR035474.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Feb 2019 09:13  
 Operator : SM\SJ  
 Sample : AR1254CCC400  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_R  
 ClientSampleId :  
 AR1254313

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 15 22:33:40 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR020119CLP.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Sat Feb 02 01:45:00 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2  
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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... | 4.430  | 3.498  | 34460944 | 72360296 | 22.223   | 23.590     |
| 2)                          | SA Decachlor... | 10.108 | 8.383  | 74611424 | 184.7E6  | 33.787   | 32.294     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 3)                          | L1 AR-1016-1    | 5.594  | 4.556  | 1651818  | -435277  | 16.943   | N.D. #     |
| 4)                          | L1 AR-1016-2    | 5.621  | 4.556  | 1282126  | -435277  | 8.794    | N.D. #     |
| 5)                          | L1 AR-1016-3    | 5.678  | 4.787f | 541590   | 51685933 | 6.039    | 293.785 #  |
| 6)                          | L1 AR-1016-4    | 0.000  | 4.787  | 0        | 51685933 | N.D.     | 381.148 #  |
| 7)                          | L1 AR-1016-5    | 6.068  | 4.995  | 13870652 | 33007338 | 184.303  | 169.538    |
| 13)                         | L3 AR-1232-3    | 5.621  | 4.787f | 1282126  | 51685933 | 31.487   | 1038.100 # |
| 14)                         | L3 AR-1232-4    | 0.000  | 4.826  | 0        | 13459845 | N.D.     | 302.768 #  |
| 15)                         | L3 AR-1232-5    | 5.863  | 4.995  | 23860772 | 33007338 | 1543.352 | 645.057 #  |
| 16)                         | L4 AR-1242-1    | 5.594  | 4.556  | 1651818  | -435277  | 30.175   | N.D. #     |
| 17)                         | L4 AR-1242-2    | 5.621  | 4.556  | 1282126  | -435277  | 15.683   | N.D. #     |
| 18)                         | L4 AR-1242-3    | 5.678  | 4.787f | 541590   | 51685933 | 10.711   | 503.094 #  |
| 19)                         | L4 AR-1242-4    | 0.000  | 4.826  | 0        | 13459845 | N.D.     | 133.504 #  |
| 20)                         | L4 AR-1242-5    | 6.509  | 5.339  | 14004349 | 146.5E6  | 276.813  | 1012.314 # |
| 21)                         | L5 AR-1248-1    | 5.594  | 4.556  | 1651818  | -435277  | 42.552   | N.D. #     |
| 22)                         | L5 AR-1248-2    | 5.863  | 4.787  | 23860772 | 51685933 | 421.212  | 402.518    |
| 23)                         | L5 AR-1248-3    | 6.068  | 4.826  | 13870652 | 13459845 | 216.570  | 101.514 #  |
| 24)                         | L5 AR-1248-4    | 6.468  | 4.995  | 22990655 | 33007338 | 292.344  | 197.491 #  |
| 25)                         | L5 AR-1248-5    | 6.509  | 5.378  | 14004349 | 17142458 | 188.362  | 96.959 #   |
| 26)                         | L6 AR-1254-1    | 6.442  | 5.339  | 46990216 | 146.5E6  | 423.244  | 379.032    |
| 27)                         | L6 AR-1254-2    | 6.658  | 5.483  | 75128417 | 127.9E6  | 422.963  | 376.399    |
| 28)                         | L6 AR-1254-3    | 7.024  | 5.879  | 78902491 | 214.8E6  | 413.553  | 366.779    |
| 29)                         | L6 AR-1254-4    | 7.308  | 6.104  | 65452431 | 142.6E6  | 406.427  | 363.362    |
| 30)                         | L6 AR-1254-5    | 7.725  | 6.515  | 77124535 | 197.2E6  | 467.469  | 356.651    |
| 31)                         | L7 AR-1260-1    | 7.185  | 6.007  | 31667588 | 101.4E6  | 184.122  | 224.347    |
| 32)                         | L7 AR-1260-2    | 7.440  | 6.192  | 41021086 | 90932791 | 169.426  | 149.859    |
| 33)                         | L7 AR-1260-3    | 7.725  | 6.341  | 77124535 | 85331251 | 289.599  | 157.436 #  |
| 34)                         | L7 AR-1260-4    | 8.015  | 6.807  | 22996423 | 8763192  | 121.943  | 19.127 #   |
| 35)                         | L7 AR-1260-5    | 8.340  | 7.047  | 11407640 | 23900266 | 24.805   | 18.933     |
| 36)                         | L8 AR-1262-1    | 7.787  | 6.583  | 8395920  | 14242381 | 45.348   | 29.926 #   |
| 37)                         | L8 AR-1262-2    | 8.340  | 7.047  | 11407640 | 23900266 | 35.580   | 27.002     |
| 38)                         | L8 AR-1262-3    | 8.664  | 7.388f | 6734848  | 20417564 | 33.027   | 55.654 #   |
| 39)                         | L8 AR-1262-4    | 8.713  | 7.388  | 1955550  | 20417564 | 13.007   | 32.591 #   |
| 41)                         | L9 AR-1268-1    | 8.664  | 7.388f | 6734848  | 20417564 | 11.440   | 12.730     |
| 42)                         | L9 AR-1268-2    | 8.713  | 7.388  | 1955550  | 20417564 | 3.957    | 14.384 #   |
| -----                       |                 |        |        |          |          |          |            |

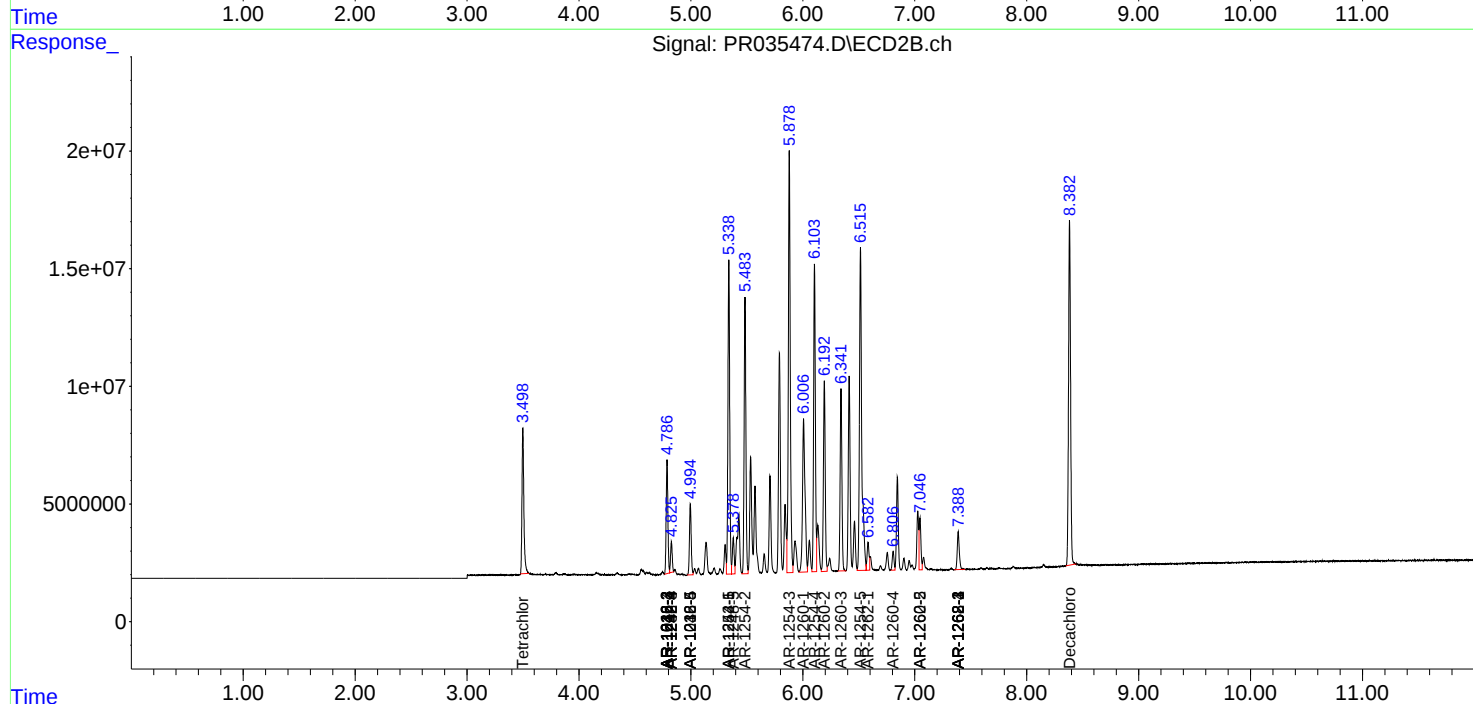
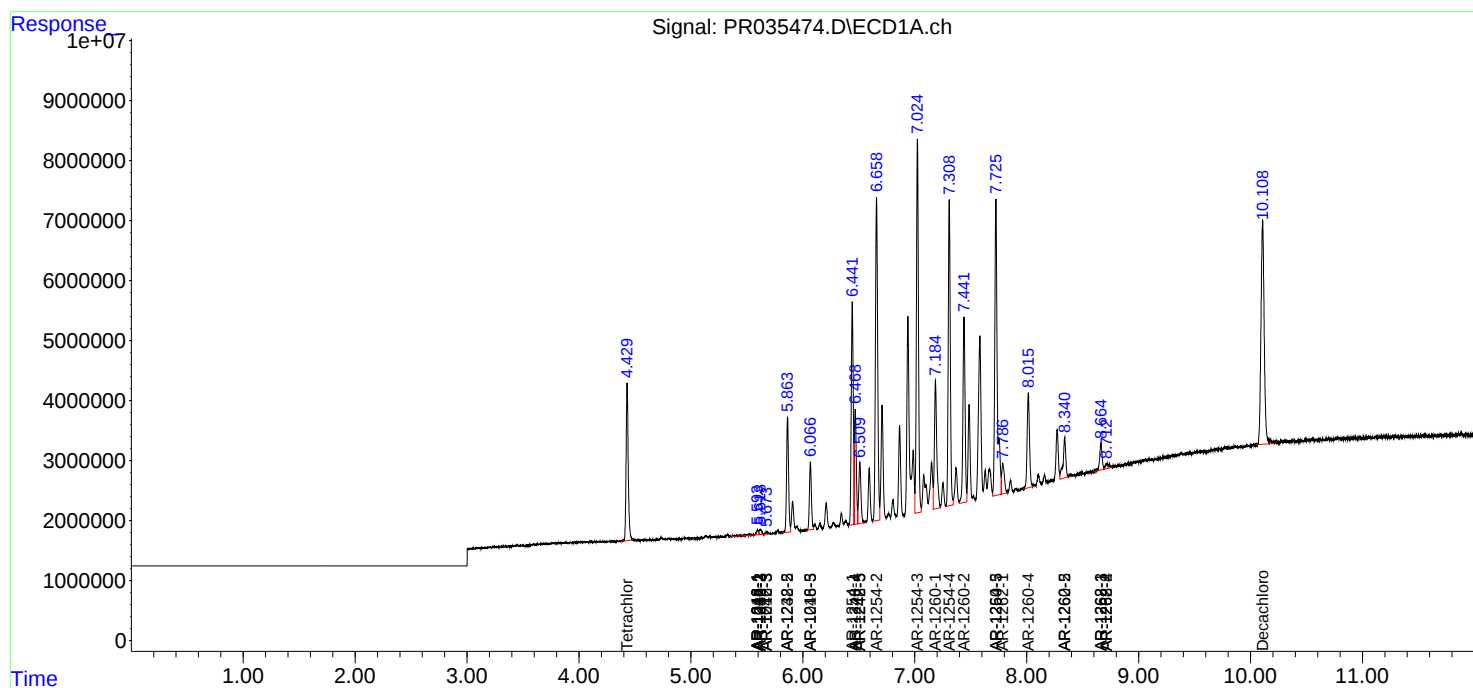
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

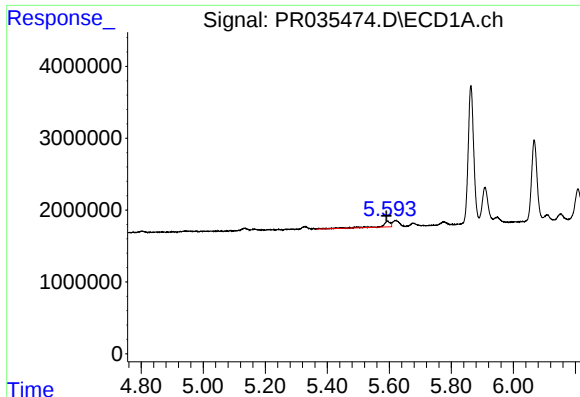
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR021519\  
Data File : PR035474.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Feb 2019 09:13  
Operator : SM\SJ  
Sample : AR1254CCC400  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_R  
ClientSampleId :  
AR1254313

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 15 22:33:40 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR020119CLP.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Sat Feb 02 01:45:00 2019  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2  
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

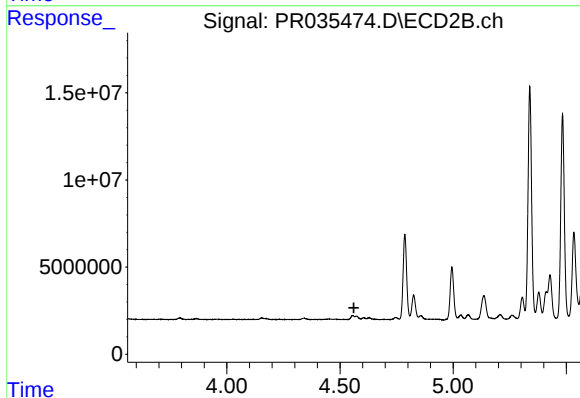




#3 AR-1016-1

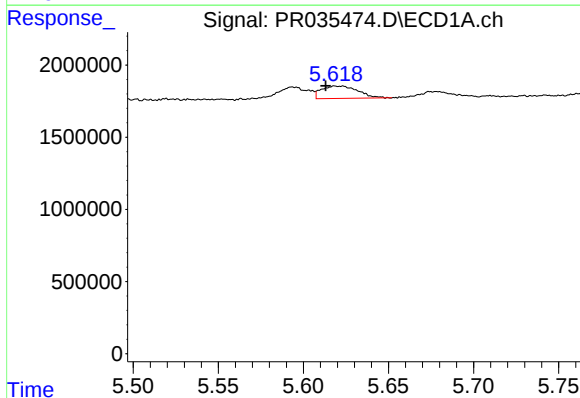
R.T.: 5.594 min  
Delta R.T.: 0.003 min  
Response: 1651818  
Conc: 16.94 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
AR1254313



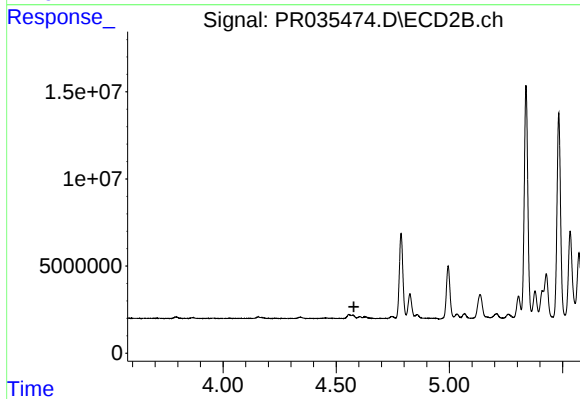
#3 AR-1016-1

R.T.: 4.556 min  
Delta R.T.: -0.005 min  
Response: -435277  
Conc: N.D.



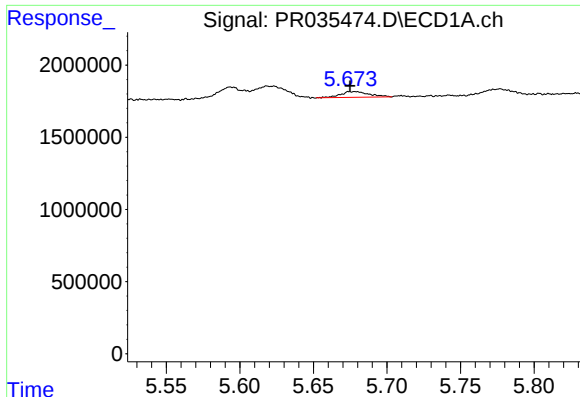
#4 AR-1016-2

R.T.: 5.621 min  
Delta R.T.: 0.008 min  
Response: 1282126  
Conc: 8.79 ng/ml



#4 AR-1016-2

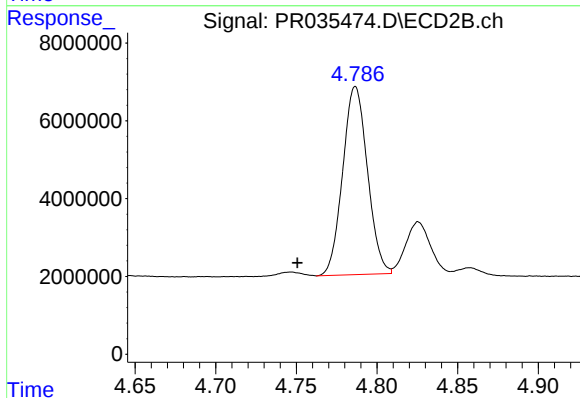
R.T.: 4.556 min  
Delta R.T.: -0.022 min  
Response: -435277  
Conc: N.D.



#5 AR-1016-3

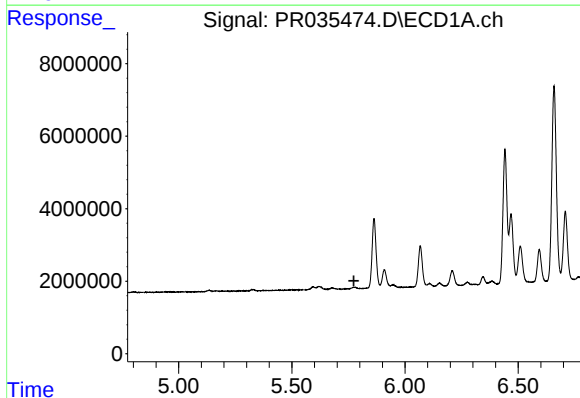
R.T.: 5.678 min  
Delta R.T.: 0.003 min  
Response: 541590  
Conc: 6.04 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
AR1254313



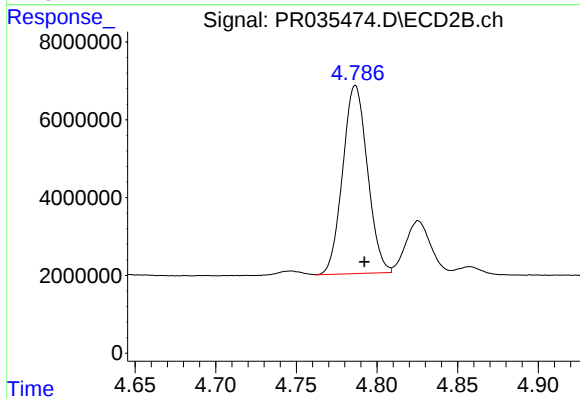
#5 AR-1016-3

R.T.: 4.787 min  
Delta R.T.: 0.036 min  
Response: 51685933  
Conc: 293.78 ng/ml



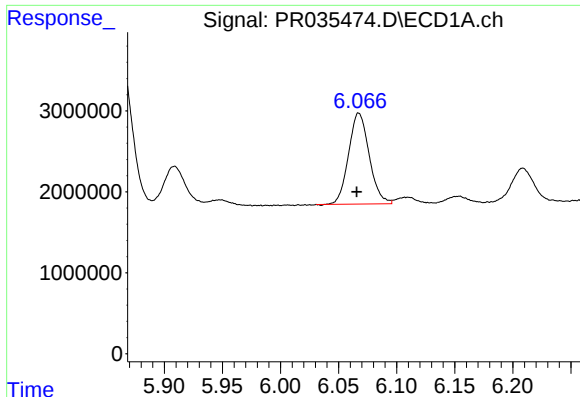
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T. : 5.774 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

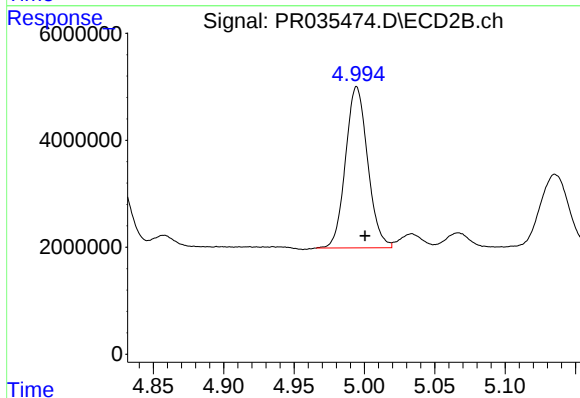
R.T.: 4.787 min  
Delta R.T.: -0.006 min  
Response: 51685933  
Conc: 381.15 ng/ml



#7 AR-1016-5

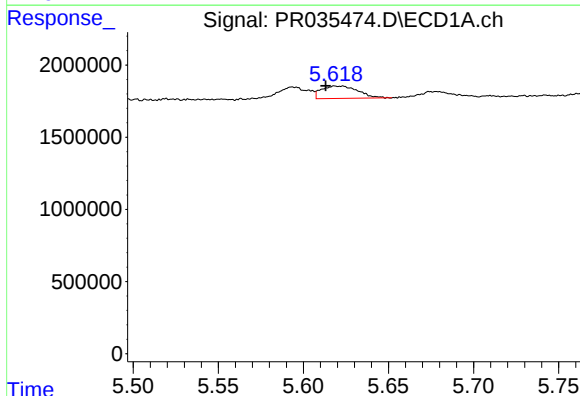
R.T.: 6.068 min  
Delta R.T.: 0.002 min  
Response: 13870652  
Conc: 184.30 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
AR1254313



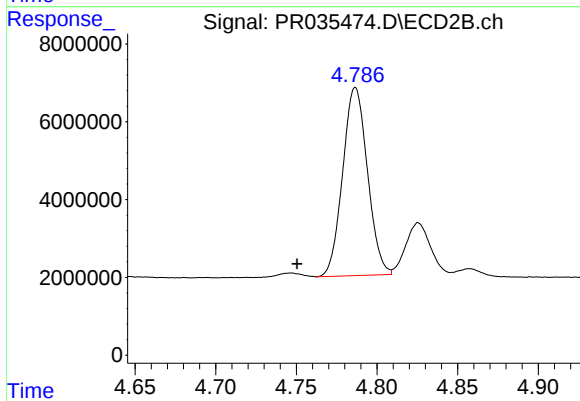
#7 AR-1016-5

R.T.: 4.995 min  
Delta R.T.: -0.006 min  
Response: 33007338  
Conc: 169.54 ng/ml



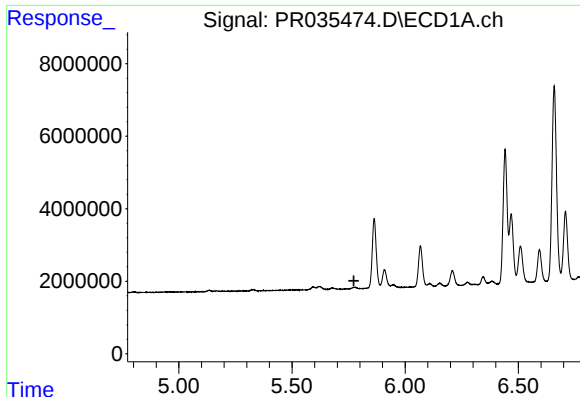
#13 AR-1232-3

R.T.: 5.621 min  
Delta R.T.: 0.007 min  
Response: 1282126  
Conc: 31.49 ng/ml



#13 AR-1232-3

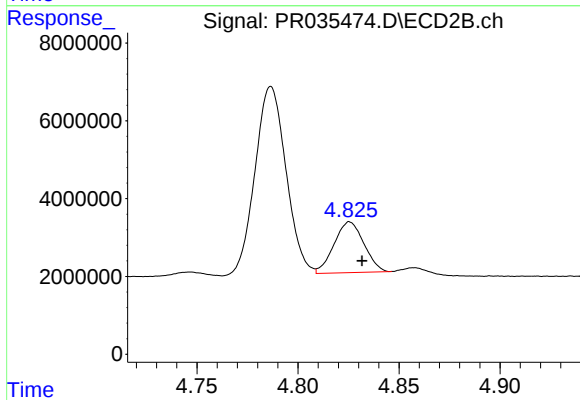
R.T.: 4.787 min  
Delta R.T.: 0.036 min  
Response: 51685933  
Conc: 1038.10 ng/ml



#14 AR-1232-4

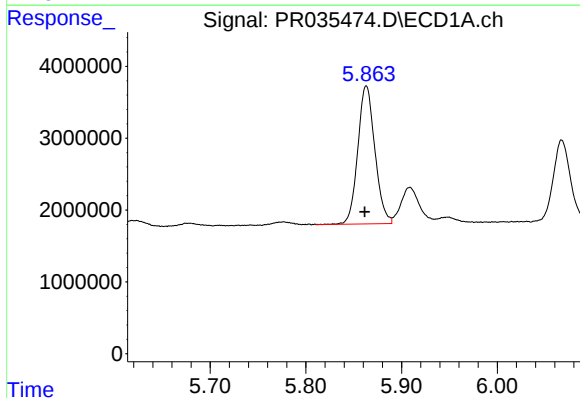
R.T.: 0.000 min  
Exp R.T.: 5.774 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
AR1254313



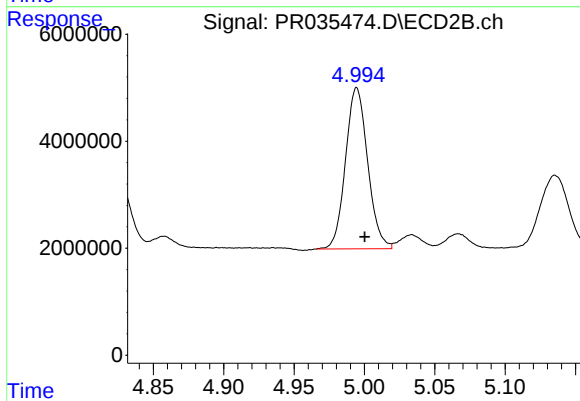
#14 AR-1232-4

R.T.: 4.826 min  
Delta R.T.: -0.006 min  
Response: 13459845  
Conc: 302.77 ng/ml



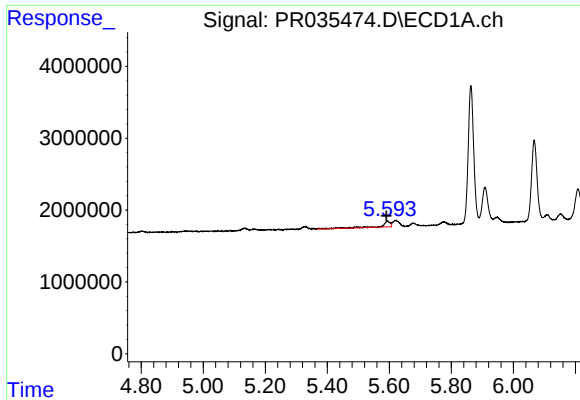
#15 AR-1232-5

R.T.: 5.863 min  
Delta R.T.: 0.002 min  
Response: 23860772  
Conc: 1543.35 ng/ml



#15 AR-1232-5

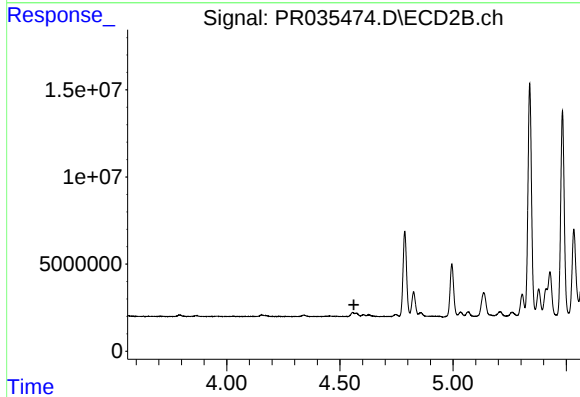
R.T.: 4.995 min  
Delta R.T.: -0.006 min  
Response: 33007338  
Conc: 645.06 ng/ml



#16 AR-1242-1

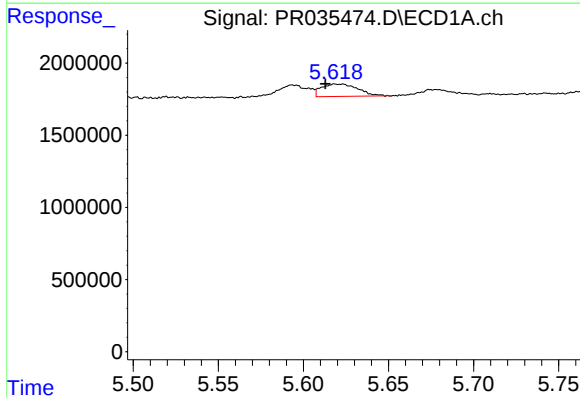
R.T.: 5.594 min  
Delta R.T.: 0.003 min  
Response: 1651818  
Conc: 30.17 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
AR1254313



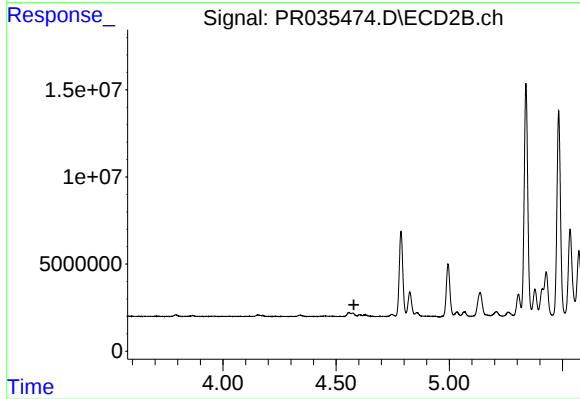
#16 AR-1242-1

R.T.: 4.556 min  
Delta R.T.: -0.006 min  
Response: -435277  
Conc: N.D.



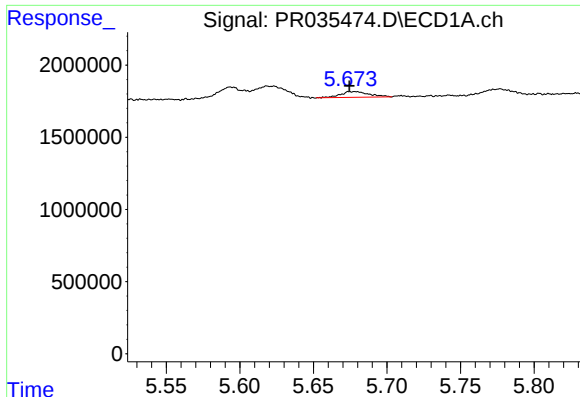
#17 AR-1242-2

R.T.: 5.621 min  
Delta R.T.: 0.008 min  
Response: 1282126  
Conc: 15.68 ng/ml



#17 AR-1242-2

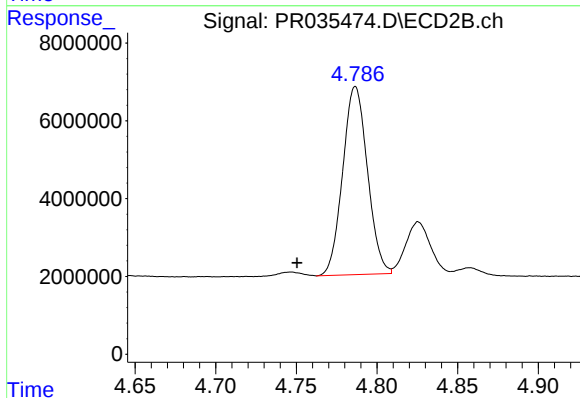
R.T.: 4.556 min  
Delta R.T.: -0.022 min  
Response: -435277  
Conc: N.D.



#18 AR-1242-3

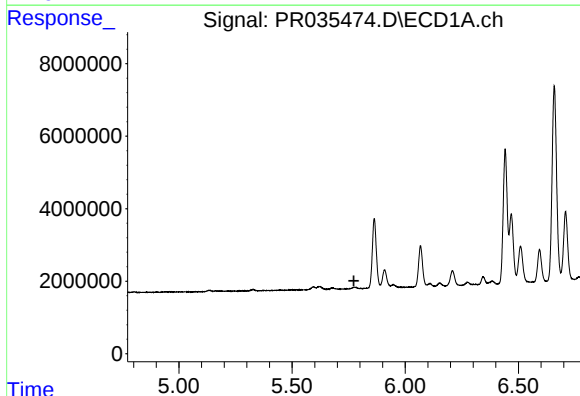
R.T.: 5.678 min  
Delta R.T.: 0.003 min  
Response: 541590  
Conc: 10.71 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
AR1254313



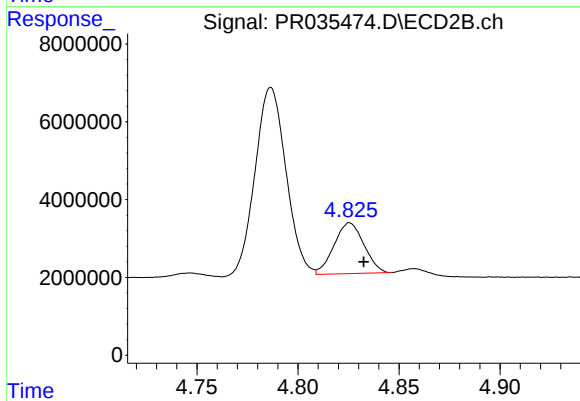
#18 AR-1242-3

R.T.: 4.787 min  
Delta R.T.: 0.036 min  
Response: 51685933  
Conc: 503.09 ng/ml



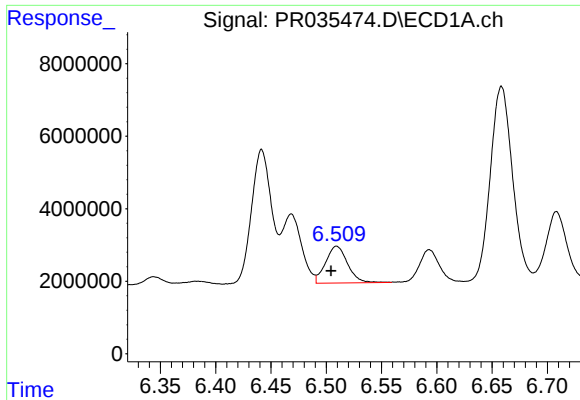
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T. : 5.773 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

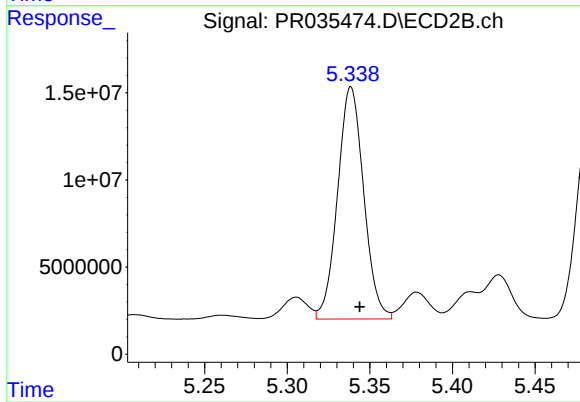
R.T.: 4.826 min  
Delta R.T.: -0.007 min  
Response: 13459845  
Conc: 133.50 ng/ml



#20 AR-1242-5

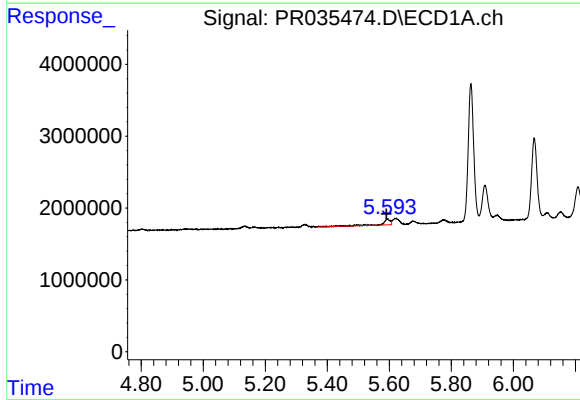
R.T.: 6.509 min  
Delta R.T.: 0.005 min  
Response: 14004349  
Conc: 276.81 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
AR1254313



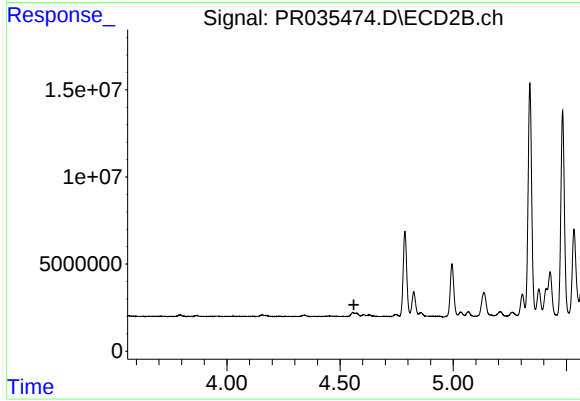
#20 AR-1242-5

R.T.: 5.339 min  
Delta R.T.: -0.005 min  
Response: 146522025  
Conc: 1012.31 ng/ml



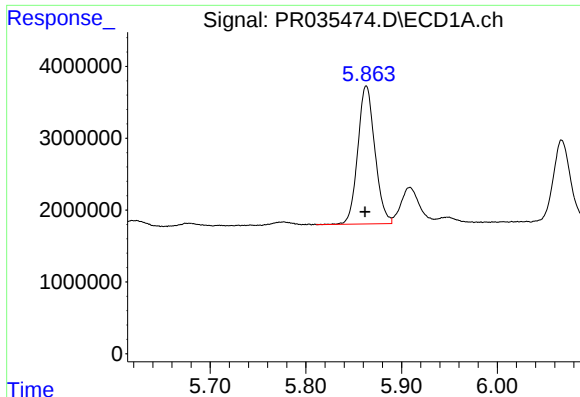
#21 AR-1248-1

R.T.: 5.594 min  
Delta R.T.: 0.004 min  
Response: 1651818  
Conc: 42.55 ng/ml



#21 AR-1248-1

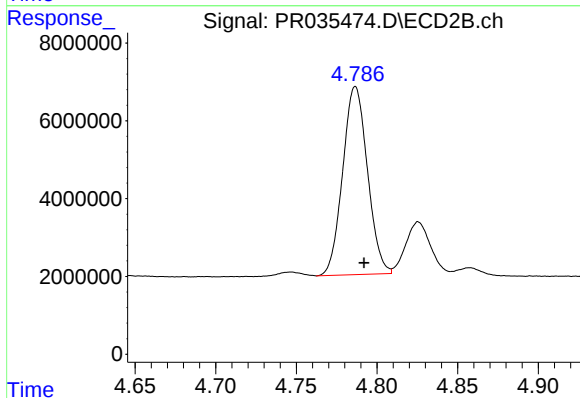
R.T.: 4.556 min  
Delta R.T.: -0.005 min  
Response: -435277  
Conc: N.D.



#22 AR-1248-2

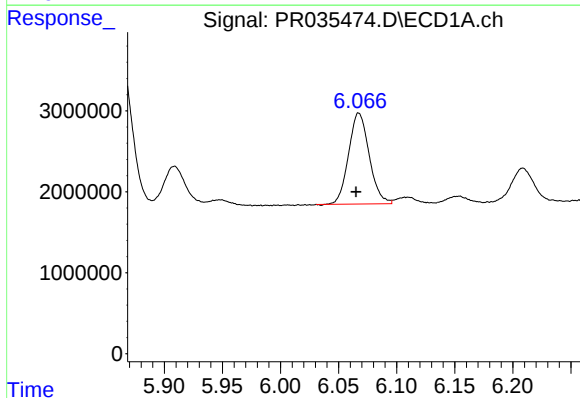
R.T.: 5.863 min  
Delta R.T.: 0.002 min  
Response: 23860772  
Conc: 421.21 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
AR1254313



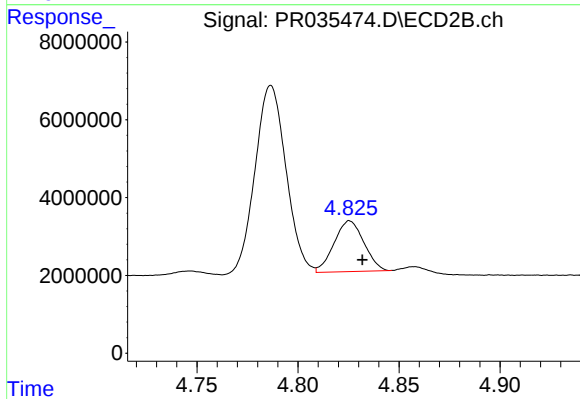
#22 AR-1248-2

R.T.: 4.787 min  
Delta R.T.: -0.005 min  
Response: 51685933  
Conc: 402.52 ng/ml



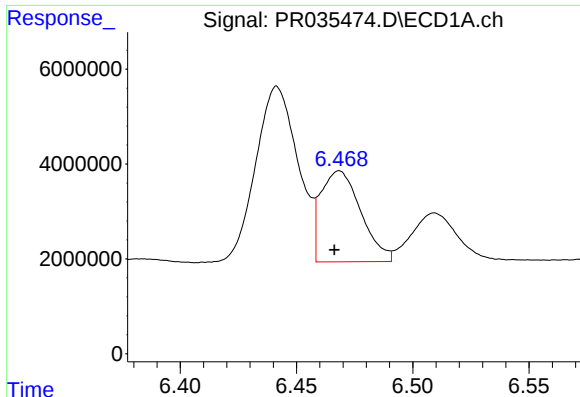
#23 AR-1248-3

R.T.: 6.068 min  
Delta R.T.: 0.003 min  
Response: 13870652  
Conc: 216.57 ng/ml



#23 AR-1248-3

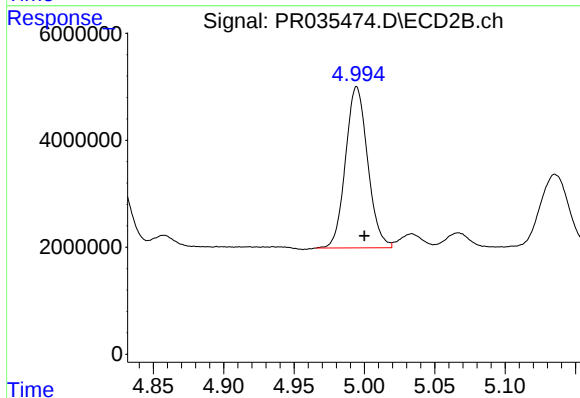
R.T.: 4.826 min  
Delta R.T.: -0.006 min  
Response: 13459845  
Conc: 101.51 ng/ml



#24 AR-1248-4

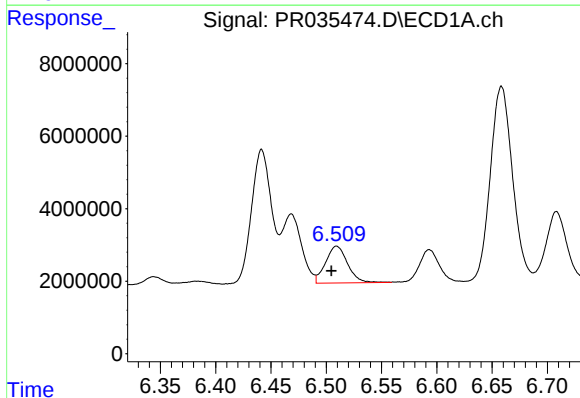
R.T.: 6.468 min  
Delta R.T.: 0.002 min  
Response: 22990655  
Conc: 292.34 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
AR1254313



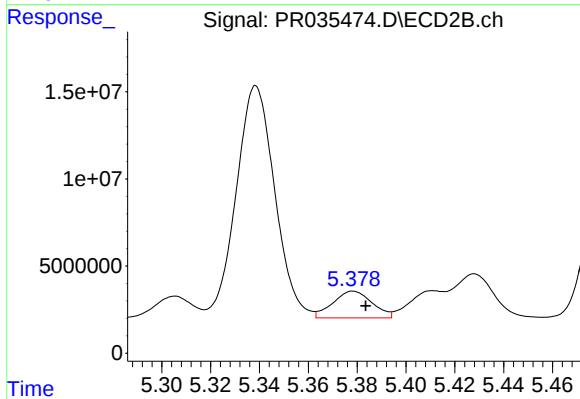
#24 AR-1248-4

R.T.: 4.995 min  
Delta R.T.: -0.005 min  
Response: 33007338  
Conc: 197.49 ng/ml



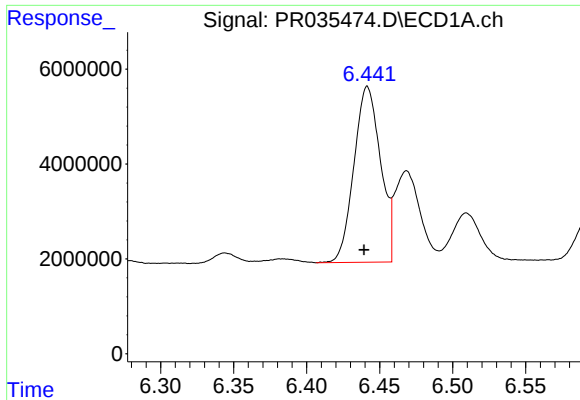
#25 AR-1248-5

R.T.: 6.509 min  
Delta R.T.: 0.005 min  
Response: 14004349  
Conc: 188.36 ng/ml



#25 AR-1248-5

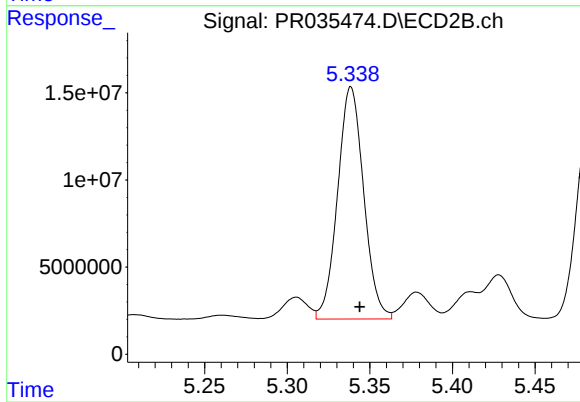
R.T.: 5.378 min  
Delta R.T.: -0.005 min  
Response: 17142458  
Conc: 96.96 ng/ml



#26 AR-1254-1

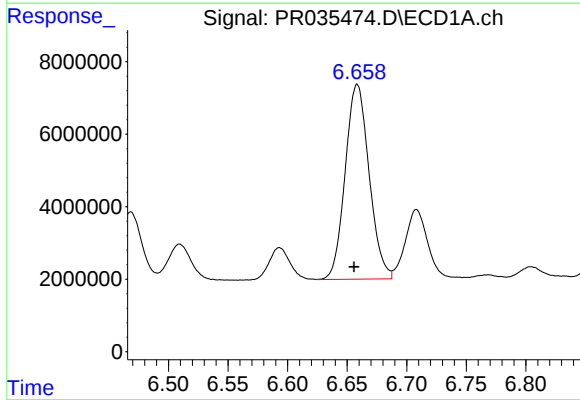
R.T.: 6.442 min  
Delta R.T.: 0.002 min  
Response: 46990216  
Conc: 423.24 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
AR1254313



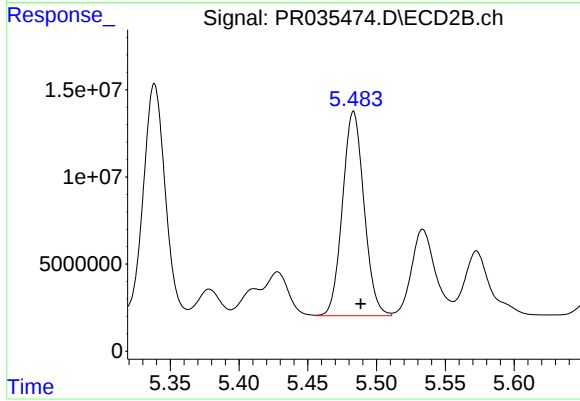
#26 AR-1254-1

R.T.: 5.339 min  
Delta R.T.: -0.005 min  
Response: 146522025  
Conc: 379.03 ng/ml



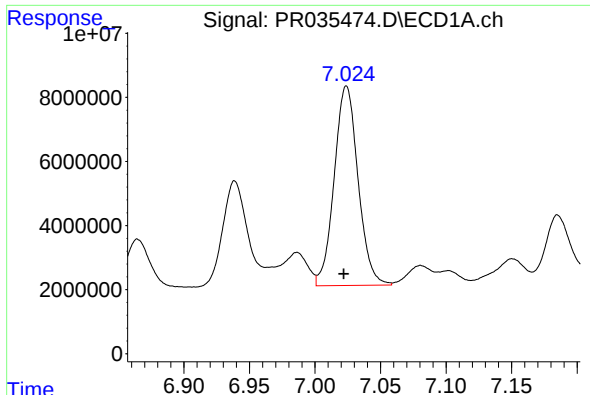
#27 AR-1254-2

R.T.: 6.658 min  
Delta R.T.: 0.003 min  
Response: 75128417  
Conc: 422.96 ng/ml



#27 AR-1254-2

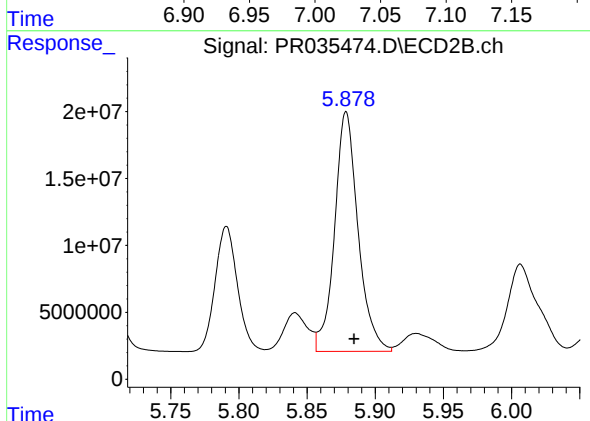
R.T.: 5.483 min  
Delta R.T.: -0.005 min  
Response: 127932362  
Conc: 376.40 ng/ml



#28 AR-1254-3

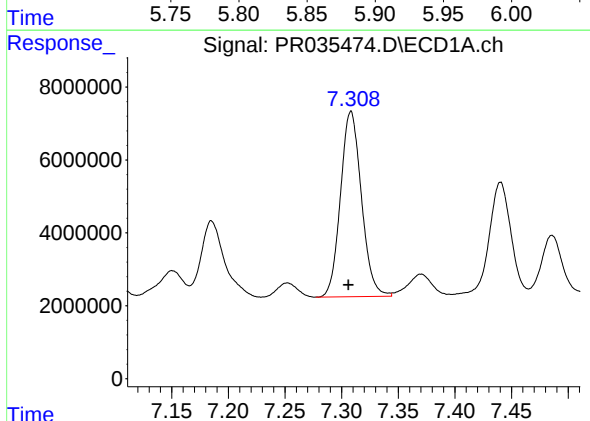
R.T.: 7.024 min  
Delta R.T.: 0.002 min  
Response: 78902491  
Conc: 413.55 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
AR1254313



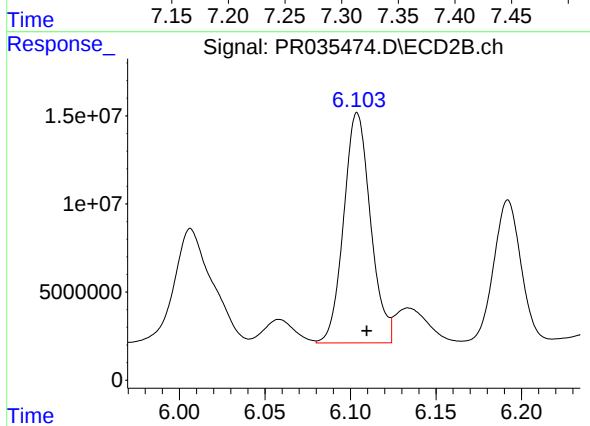
#28 AR-1254-3

R.T.: 5.879 min  
Delta R.T.: -0.006 min  
Response: 214794843  
Conc: 366.78 ng/ml



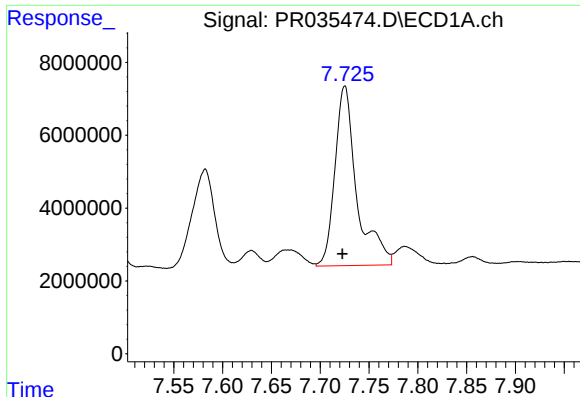
#29 AR-1254-4

R.T.: 7.308 min  
Delta R.T.: 0.002 min  
Response: 65452431  
Conc: 406.43 ng/ml



#29 AR-1254-4

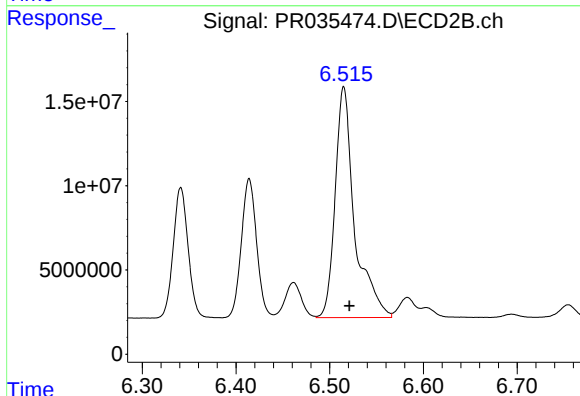
R.T.: 6.104 min  
Delta R.T.: -0.006 min  
Response: 142615712  
Conc: 363.36 ng/ml



#30 AR-1254-5

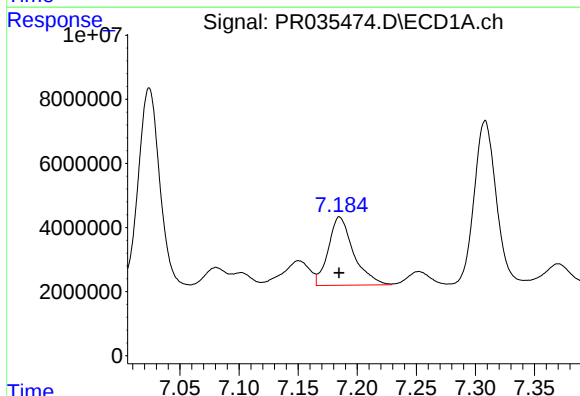
R.T.: 7.725 min  
Delta R.T.: 0.002 min  
Response: 77124535  
Conc: 467.47 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
AR1254313



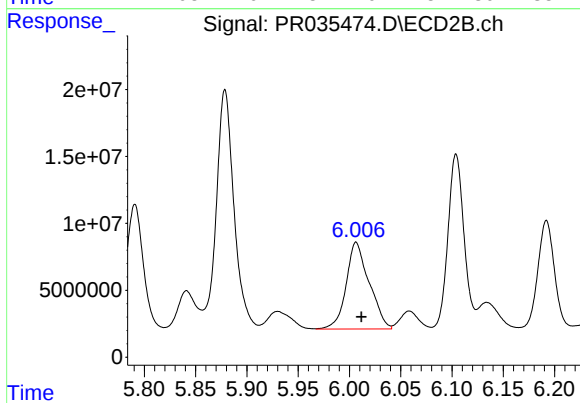
#30 AR-1254-5

R.T.: 6.515 min  
Delta R.T.: -0.006 min  
Response: 197179787  
Conc: 356.65 ng/ml



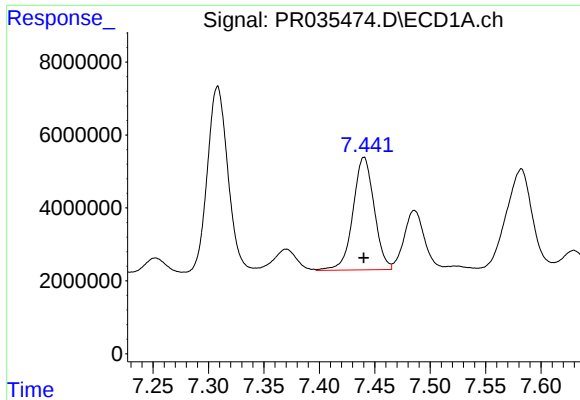
#31 AR-1260-1

R.T.: 7.185 min  
Delta R.T.: 0.000 min  
Response: 31667588  
Conc: 184.12 ng/ml



#31 AR-1260-1

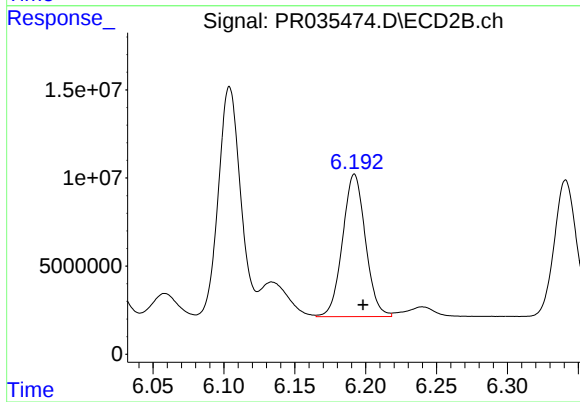
R.T.: 6.007 min  
Delta R.T.: -0.005 min  
Response: 101411046  
Conc: 224.35 ng/ml



#32 AR-1260-2

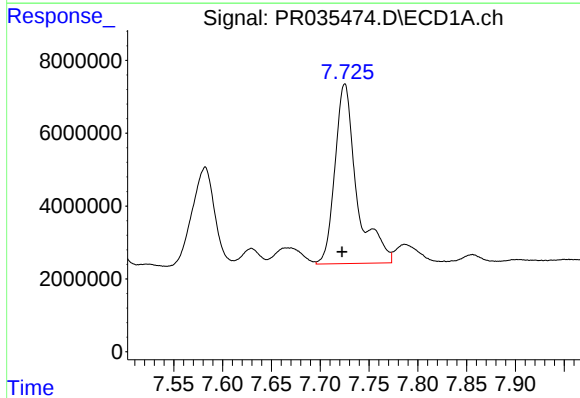
R.T.: 7.440 min  
Delta R.T.: 0.000 min  
Response: 41021086  
Conc: 169.43 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
AR1254313



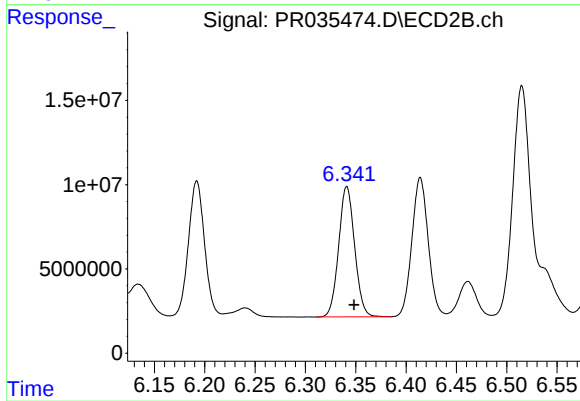
#32 AR-1260-2

R.T.: 6.192 min  
Delta R.T.: -0.006 min  
Response: 90932791  
Conc: 149.86 ng/ml



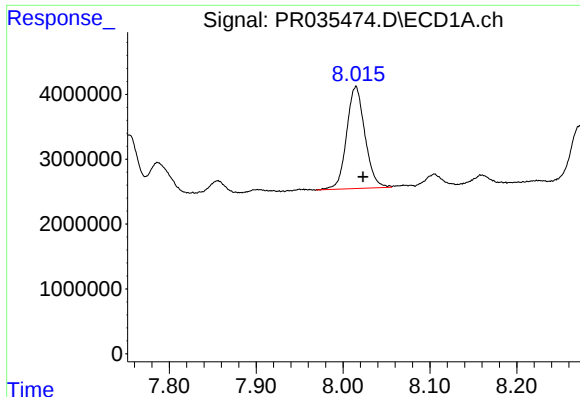
#33 AR-1260-3

R.T.: 7.725 min  
Delta R.T.: 0.002 min  
Response: 77124535  
Conc: 289.60 ng/ml



#33 AR-1260-3

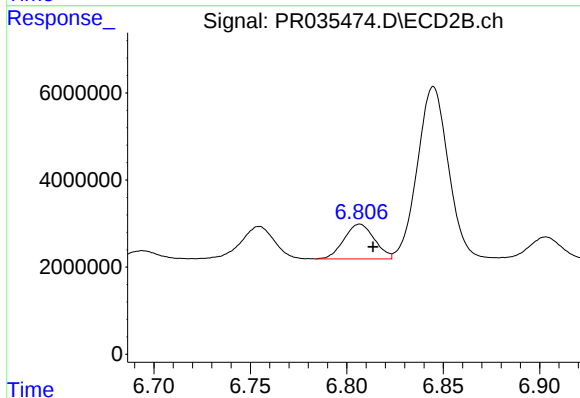
R.T.: 6.341 min  
Delta R.T.: -0.007 min  
Response: 85331251  
Conc: 157.44 ng/ml



#34 AR-1260-4

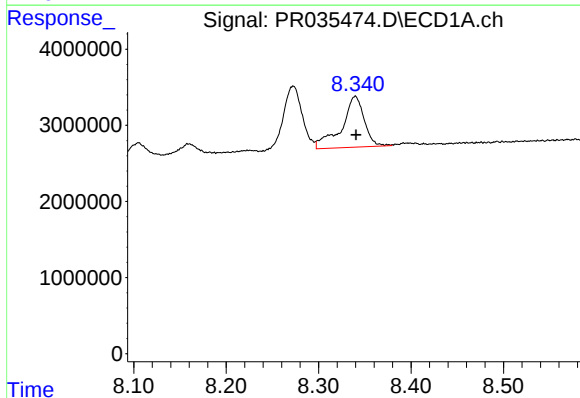
R.T.: 8.015 min  
Delta R.T.: -0.008 min  
Response: 22996423  
Conc: 121.94 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
AR1254313



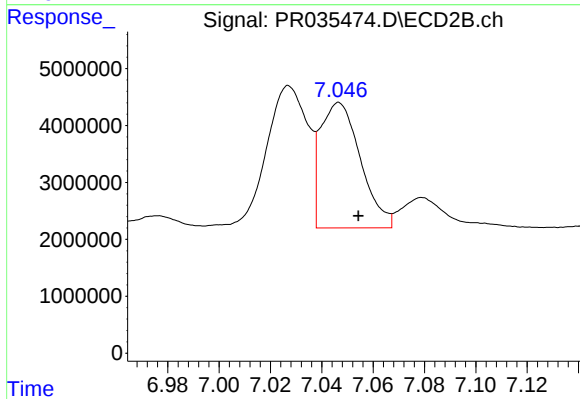
#34 AR-1260-4

R.T.: 6.807 min  
Delta R.T.: -0.007 min  
Response: 8763192  
Conc: 19.13 ng/ml



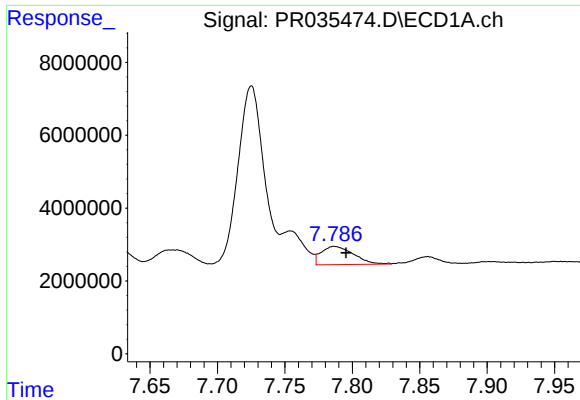
#35 AR-1260-5

R.T.: 8.340 min  
Delta R.T.: 0.000 min  
Response: 11407640  
Conc: 24.81 ng/ml



#35 AR-1260-5

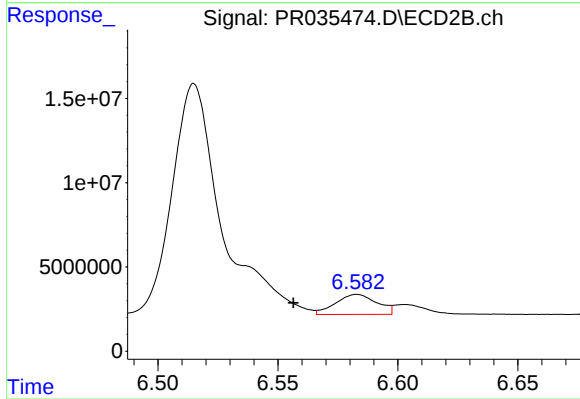
R.T.: 7.047 min  
Delta R.T.: -0.008 min  
Response: 23900266  
Conc: 18.93 ng/ml



#36 AR-1262-1

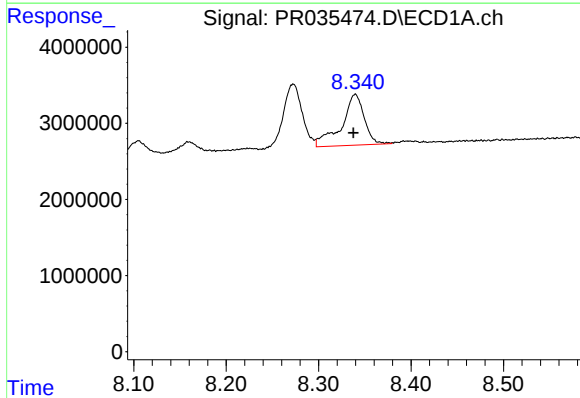
R.T.: 7.787 min  
Delta R.T.: -0.008 min  
Response: 8395920  
Conc: 45.35 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
AR1254313



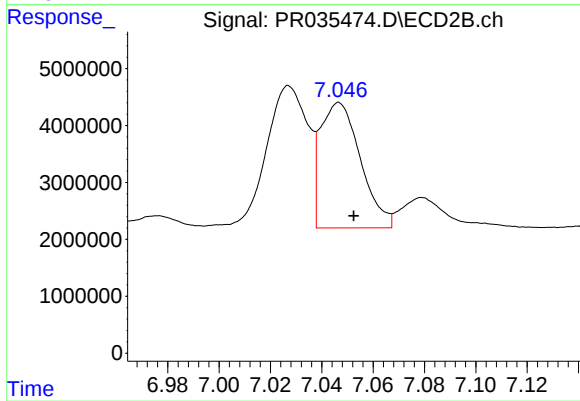
#36 AR-1262-1

R.T.: 6.583 min  
Delta R.T.: 0.027 min  
Response: 14242381  
Conc: 29.93 ng/ml



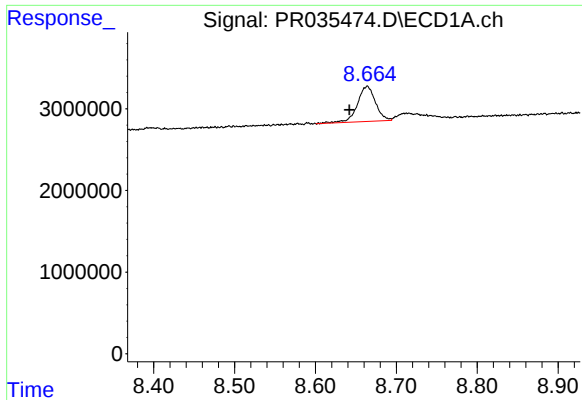
#37 AR-1262-2

R.T.: 8.340 min  
Delta R.T.: 0.002 min  
Response: 11407640  
Conc: 35.58 ng/ml



#37 AR-1262-2

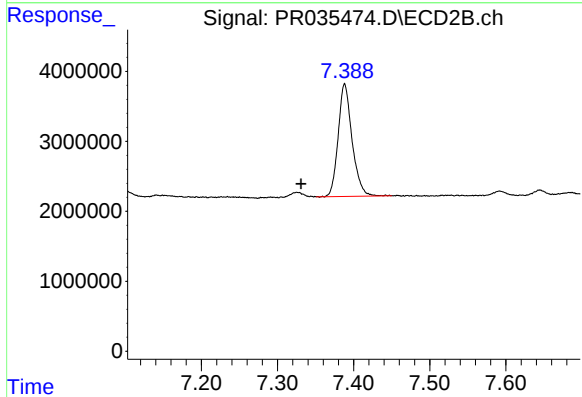
R.T.: 7.047 min  
Delta R.T.: -0.006 min  
Response: 23900266  
Conc: 27.00 ng/ml



#38 AR-1262-3

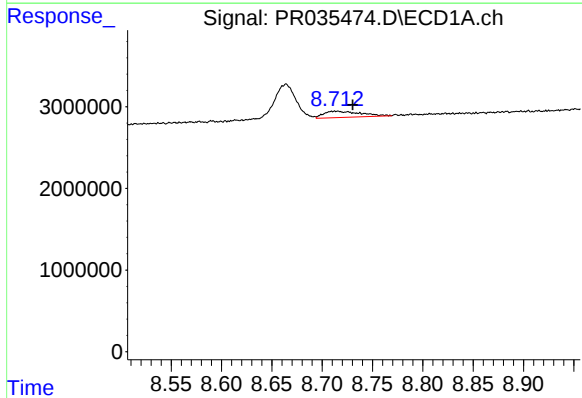
R.T.: 8.664 min  
Delta R.T.: 0.022 min  
Response: 6734848  
Conc: 33.03 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
AR1254313



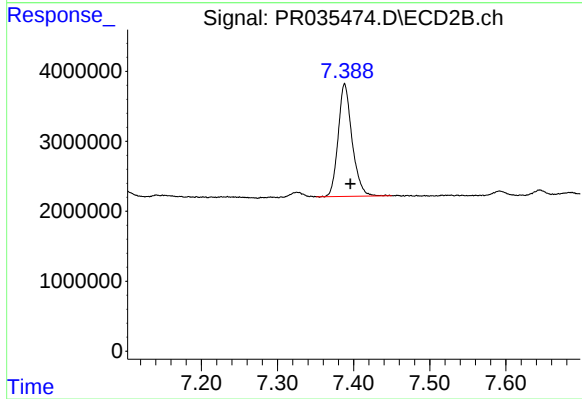
#38 AR-1262-3

R.T.: 7.388 min  
Delta R.T.: 0.057 min  
Response: 20417564  
Conc: 55.65 ng/ml



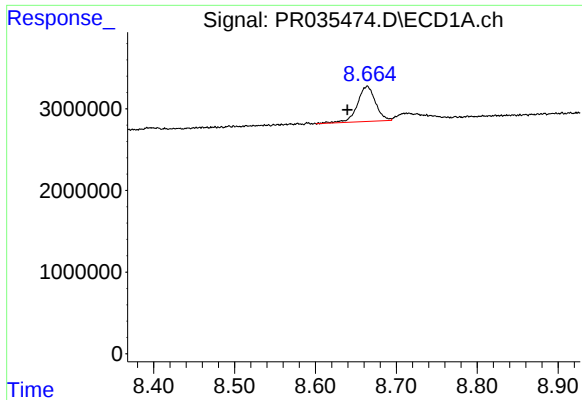
#39 AR-1262-4

R.T.: 8.713 min  
Delta R.T.: -0.017 min  
Response: 1955550  
Conc: 13.01 ng/ml



#39 AR-1262-4

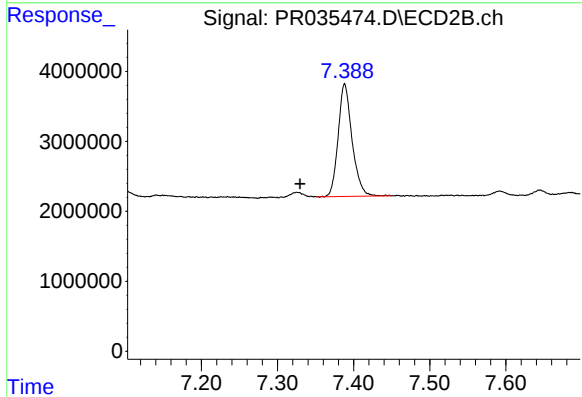
R.T.: 7.388 min  
Delta R.T.: -0.008 min  
Response: 20417564  
Conc: 32.59 ng/ml



#41 AR-1268-1

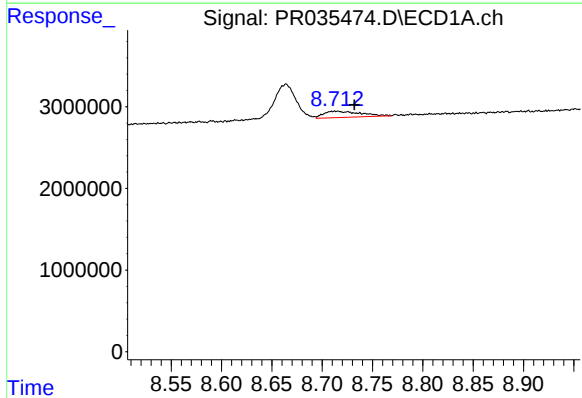
R.T.: 8.664 min  
Delta R.T.: 0.024 min  
Response: 6734848  
Conc: 11.44 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
AR1254313



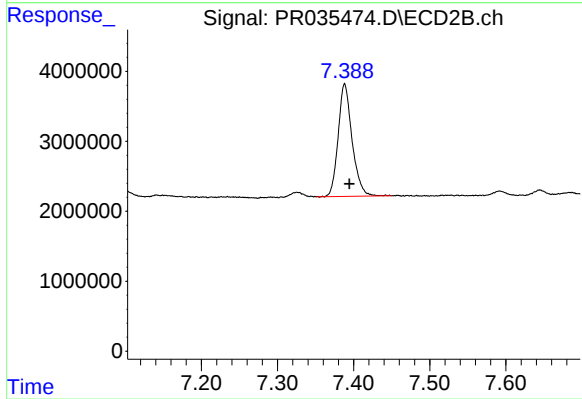
#41 AR-1268-1

R.T.: 7.388 min  
Delta R.T.: 0.058 min  
Response: 20417564  
Conc: 12.73 ng/ml



#42 AR-1268-2

R.T.: 8.713 min  
Delta R.T.: -0.019 min  
Response: 1955550  
Conc: 3.96 ng/ml



#42 AR-1268-2

R.T.: 7.388 min  
Delta R.T.: -0.006 min  
Response: 20417564  
Conc: 14.38 ng/ml