

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR122319\  
 Data File : PR044110.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Dec 2019 16:32  
 Operator : SM\AJ  
 Sample : K6278-07  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 ECD\_R  
 ClientSampleId :  
 C0C54

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 24 02:52:49 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR121519CLP.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Mon Dec 16 06:15:17 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... | 4.695  | 3.955  | 101.1E6  | 267.1E6  | 25.300 | 24.197    |
| 2)                          | SA Decachlor... | 10.591 | 9.040  | 210.7E6  | 434.0E6  | 44.159 | 43.024    |
| Target Compounds            |                 |        |        |          |          |        |           |
| 3)                          | L1 AR-1016-1    | 0.000  | 4.983f | 0        | 682920   | N.D.   | 1.979 #   |
| 5)                          | L1 AR-1016-3    | 0.000  | 5.282  | 0        | 4763121  | N.D.   | 21.857 #  |
| 6)                          | L1 AR-1016-4    | 0.000  | 5.282  | 0        | 4763121  | N.D.   | 26.383 #  |
| 9)                          | L2 AR-1221-2    | 0.000  | 4.260  | 0        | 2744276  | N.D.   | 33.636 #  |
| 13)                         | L3 AR-1232-3    | 0.000  | 5.282  | 0        | 4763121  | N.D.   | 50.238 #  |
| 14)                         | L3 AR-1232-4    | 0.000  | 5.363  | 0        | 3671599  | N.D.   | 42.402 #  |
| 18)                         | L4 AR-1242-3    | 0.000  | 5.282  | 0        | 4763121  | N.D.   | 25.061 #  |
| 19)                         | L4 AR-1242-4    | 0.000  | 5.363  | 0        | 3671599  | N.D.   | 20.082 #  |
| 20)                         | L4 AR-1242-5    | 0.000  | 5.854  | 0        | 6973974  | N.D.   | 23.510 #  |
| 21)                         | L5 AR-1248-1    | 0.000  | 4.983f | 0        | 682920   | N.D.   | 2.968 #   |
| 22)                         | L5 AR-1248-2    | 0.000  | 5.282  | 0        | 4763121  | N.D.   | 18.204 #  |
| 23)                         | L5 AR-1248-3    | 0.000  | 5.363f | 0        | 3671599  | N.D.   | 13.868 #  |
| 24)                         | L5 AR-1248-4    | 6.728f | 0.000  | 2217956  | 0        | 11.422 | N.D. #    |
| 25)                         | L5 AR-1248-5    | 0.000  | 5.854f | 0        | 6973974  | N.D.   | 17.060 #  |
| 26)                         | L6 AR-1254-1    | 6.728  | 5.854  | 2217956  | 6973974  | 11.606 | 11.582    |
| 27)                         | L6 AR-1254-2    | 6.943  | 6.000  | 4238267  | 34881737 | 13.902 | 64.278 #  |
| 28)                         | L6 AR-1254-3    | 7.315  | 6.419  | 3512593  | 38373218 | 10.186 | 40.249 #  |
| 29)                         | L6 AR-1254-4    | 7.599  | 6.632  | 2501386  | 8946699  | 9.548  | 13.489 #  |
| 30)                         | L6 AR-1254-5    | 8.019  | 7.050  | 20982292 | 50765517 | 74.043 | 58.338    |
| 31)                         | L7 AR-1260-1    | 7.477  | 6.535  | 13894317 | 35244883 | 60.105 | 64.493    |
| 32)                         | L7 AR-1260-2    | 7.732  | 6.722  | 17142217 | 54936803 | 60.078 | 68.454    |
| 33)                         | L7 AR-1260-3    | 8.092  | 6.877  | 10490752 | 43688889 | 46.721 | 65.416 #  |
| 34)                         | L7 AR-1260-4    | 8.330  | 7.349  | 14336589 | 32906820 | 55.367 | 58.620    |
| 35)                         | L7 AR-1260-5    | 8.667  | 7.591  | 24894264 | 82112077 | 44.569 | 48.778    |
| 36)                         | L8 AR-1262-1    | 8.152  | 7.050  | 5375918  | 50765517 | 37.375 | 102.623 # |
| 37)                         | L8 AR-1262-2    | 8.667  | 7.591  | 24894264 | 82112077 | 35.066 | 37.763    |
| 38)                         | L8 AR-1262-3    | 9.018  | 7.874  | 17786424 | 17740782 | 38.612 | 20.540 #  |
| 39)                         | L8 AR-1262-4    | 9.097  | 7.939  | 25639204 | 48530049 | 75.190 | 34.131 #  |
| 40)                         | L8 AR-1262-5    | 9.792  | 8.453  | 4882555  | 14434195 | 20.337 | 22.578    |
| 41)                         | L9 AR-1268-1    | 9.018  | 7.874  | 17786424 | 17740782 | 22.087 | 7.256 #   |
| 42)                         | L9 AR-1268-2    | 9.097  | 7.939  | 25639204 | 48530049 | 34.798 | 23.202 #  |
| 43)                         | L9 AR-1268-3    | 0.000  | 8.150  | 0        | 4706684  | N.D.   | 2.614 #   |
| 44)                         | L9 AR-1268-4    | 9.792  | 8.453  | 4882555  | 14434195 | 18.456 | 20.483    |
| 45)                         | L9 AR-1268-5    | 10.233 | 8.765  | 2962783  | 8571600  | 1.436  | 1.756     |
| -----                       |                 |        |        |          |          |        |           |

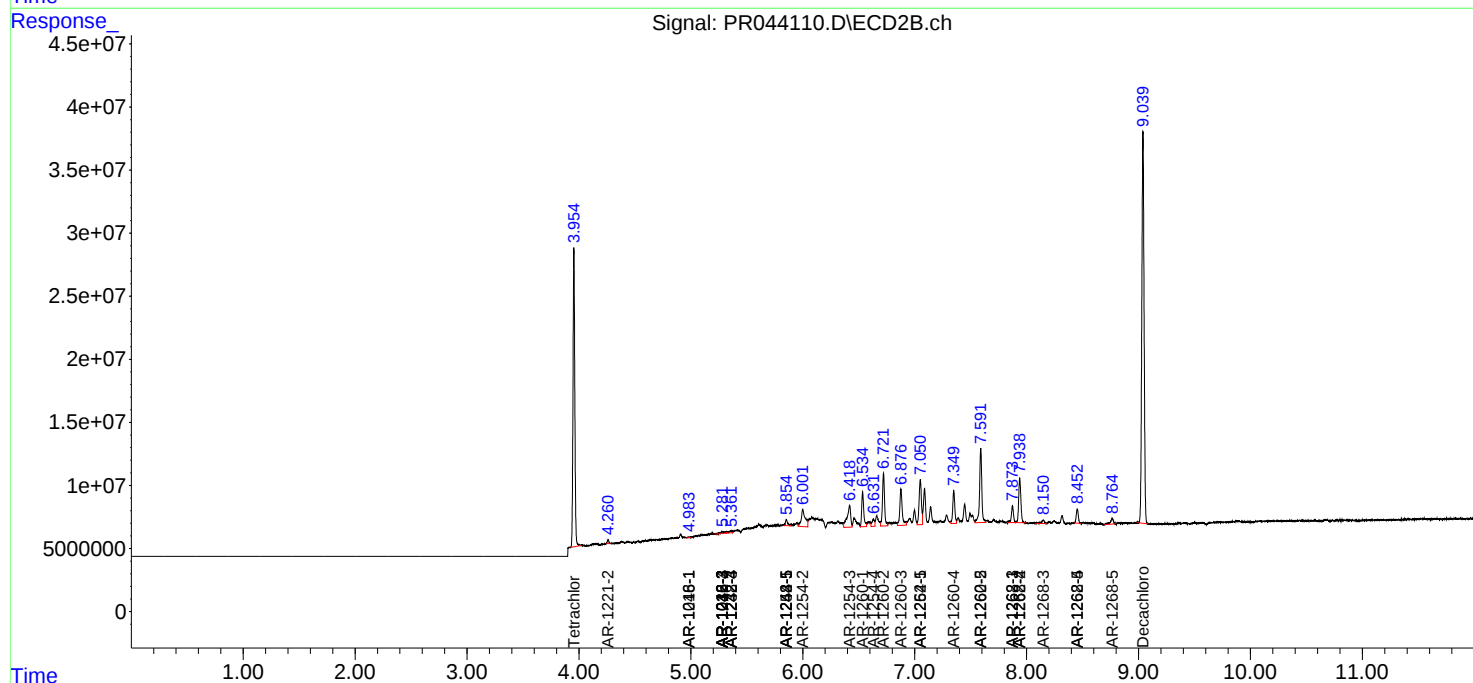
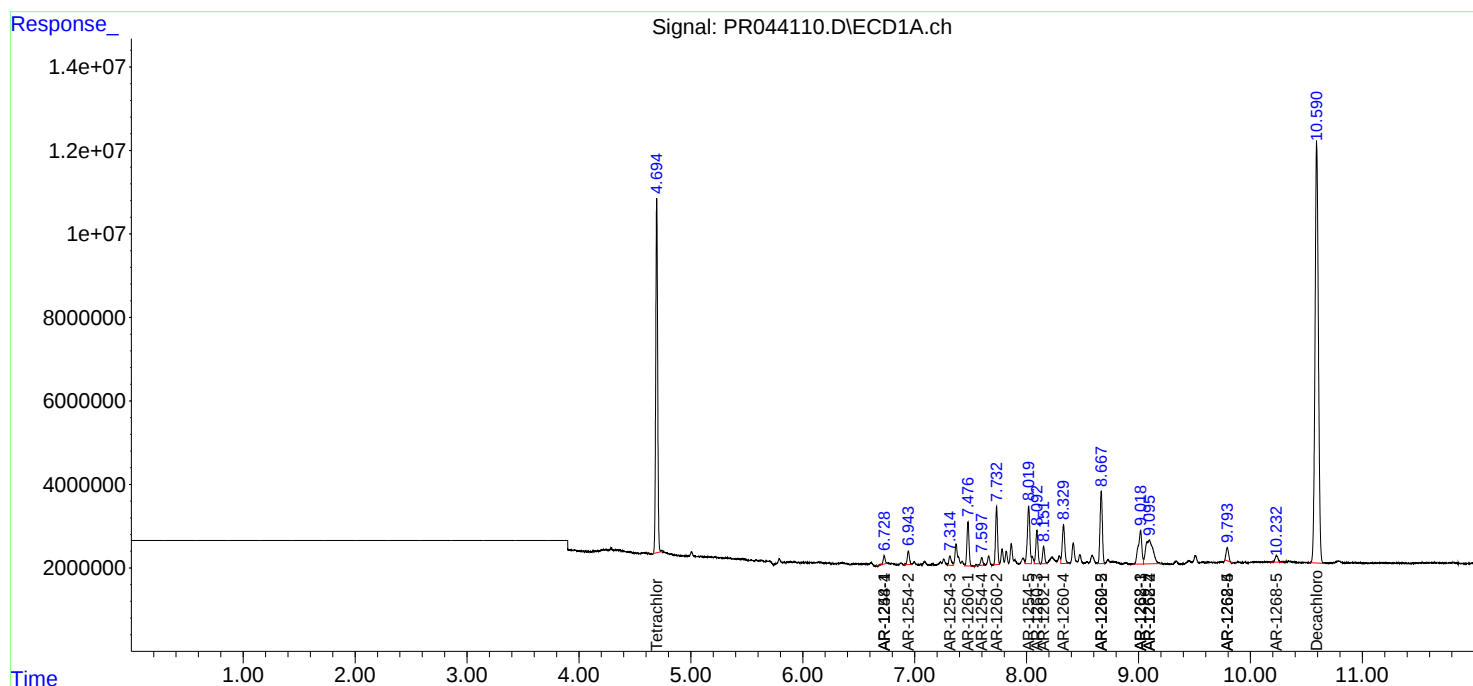
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

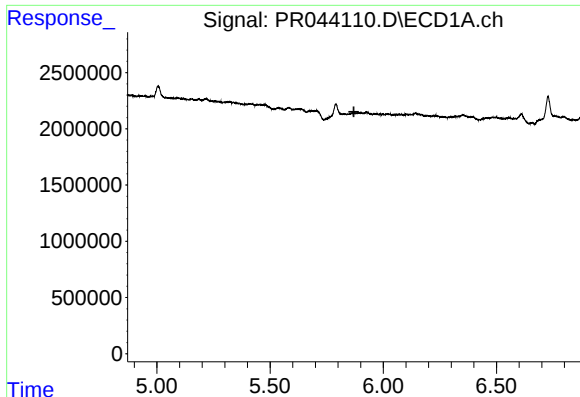
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR122319\  
Data File : PR044110.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Dec 2019 16:32  
Operator : SM\AJ  
Sample : K6278-07  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
ECD\_R  
ClientSampleId :  
C0C54

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 24 02:52:49 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR121519CLP.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Mon Dec 16 06:15:17 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

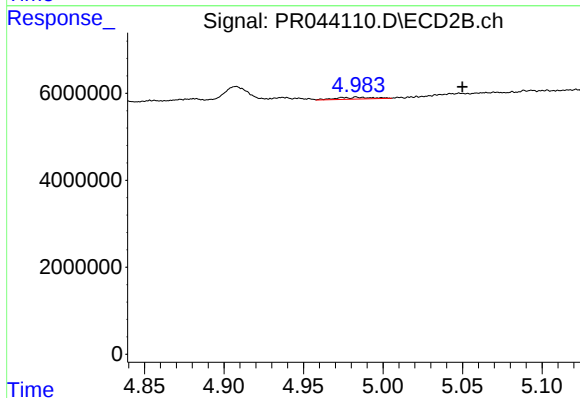




#3 AR-1016-1

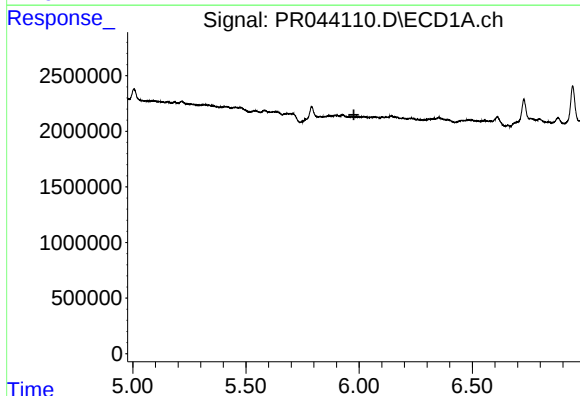
R.T.: 0.000 min  
Exp R.T.: 5.870 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
C0C54



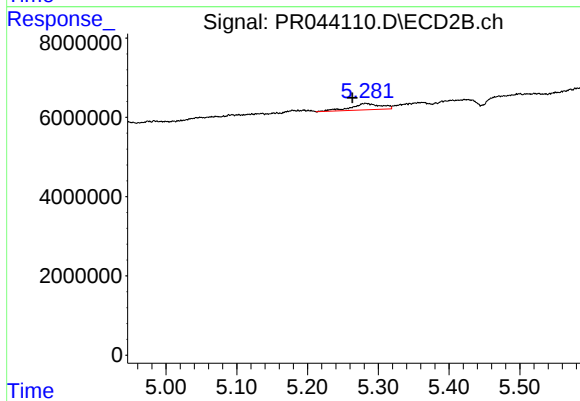
#3 AR-1016-1

R.T.: 4.983 min  
Delta R.T.: -0.067 min  
Response: 682920  
Conc: 1.98 ng/ml



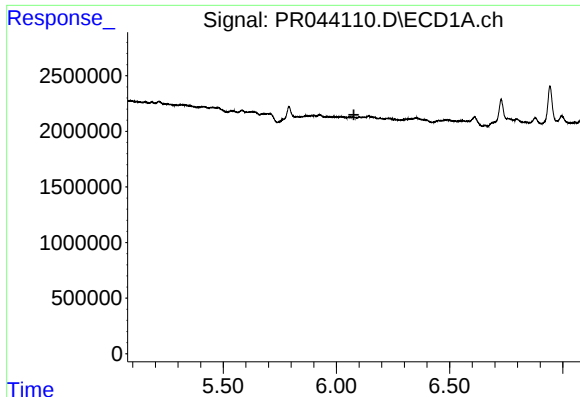
#5 AR-1016-3

R.T.: 0.000 min  
Exp R.T.: 5.977 min  
Response: 0  
Conc: N.D.



#5 AR-1016-3

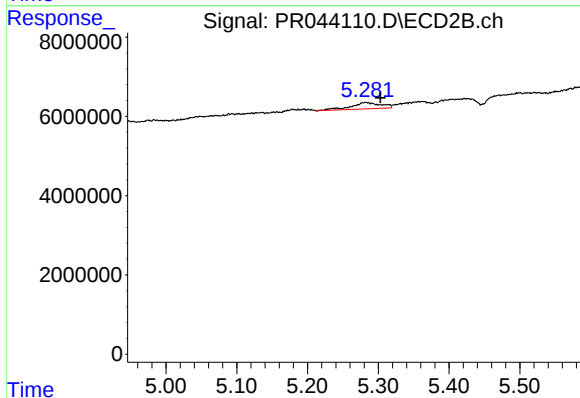
R.T.: 5.282 min  
Delta R.T.: 0.019 min  
Response: 4763121  
Conc: 21.86 ng/ml



#6 AR-1016-4

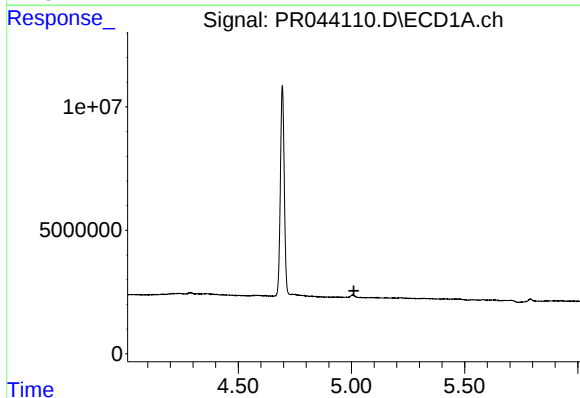
R.T.: 0.000 min  
Exp R.T.: 6.077 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
C0C54



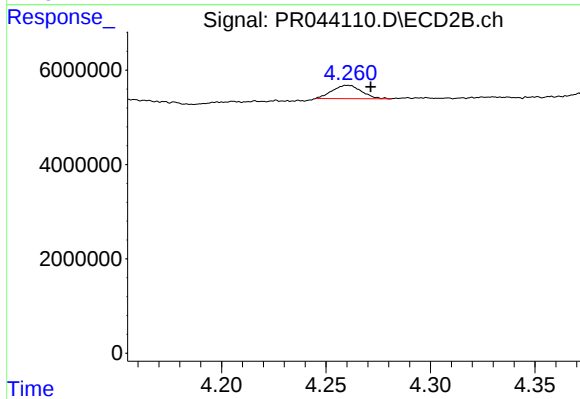
#6 AR-1016-4

R.T.: 5.282 min  
Delta R.T.: -0.021 min  
Response: 4763121  
Conc: 26.38 ng/ml



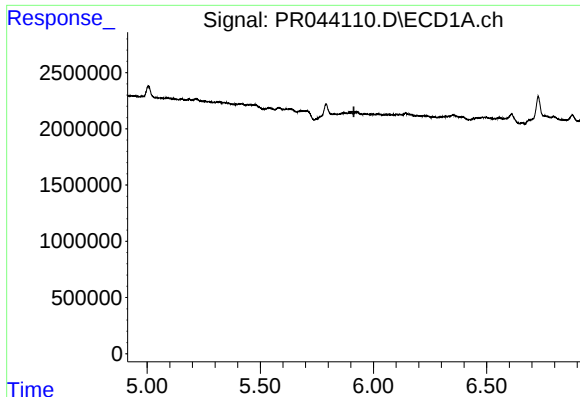
#9 AR-1221-2

R.T.: 0.000 min  
Exp R.T.: 5.011 min  
Response: 0  
Conc: N.D.



#9 AR-1221-2

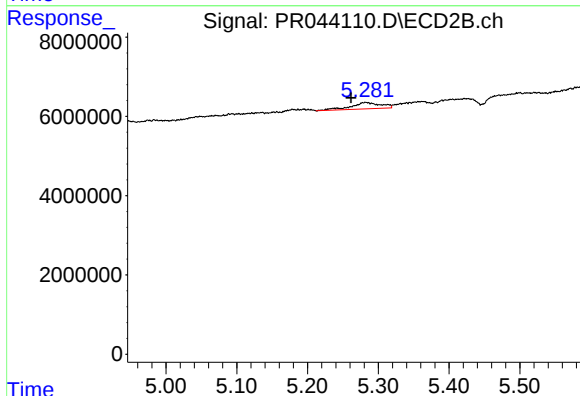
R.T.: 4.260 min  
Delta R.T.: -0.011 min  
Response: 2744276  
Conc: 33.64 ng/ml



#13 AR-1232-3

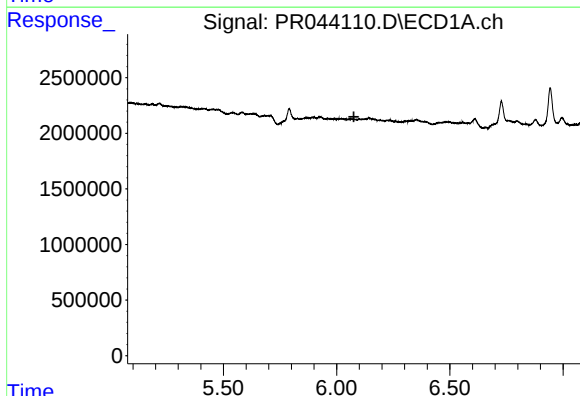
R.T.: 0.000 min  
Exp R.T.: 5.913 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
C0C54



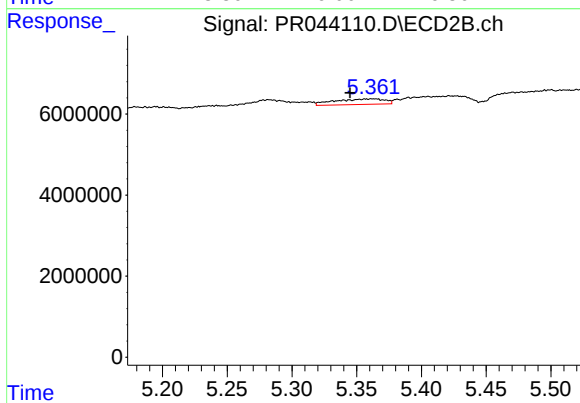
#13 AR-1232-3

R.T.: 5.282 min  
Delta R.T.: 0.021 min  
Response: 4763121  
Conc: 50.24 ng/ml



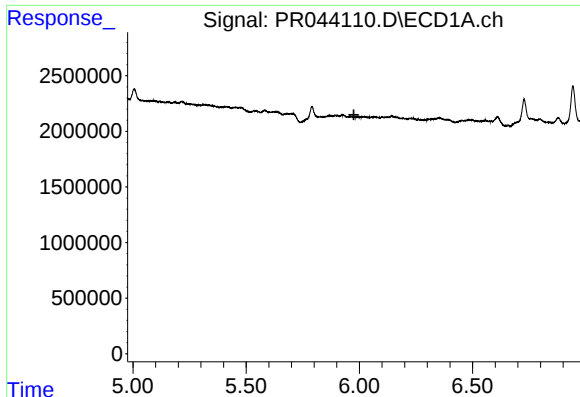
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T.: 6.076 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

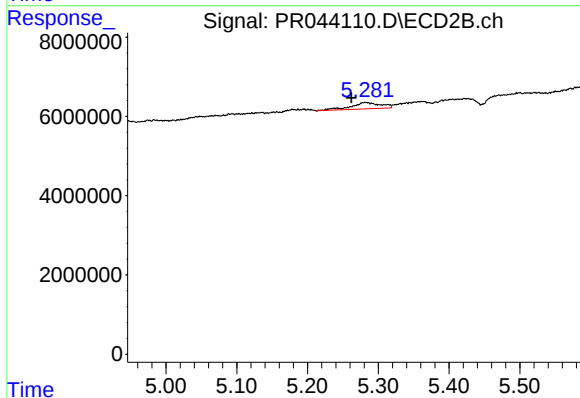
R.T.: 5.363 min  
Delta R.T.: 0.018 min  
Response: 3671599  
Conc: 42.40 ng/ml



#18 AR-1242-3

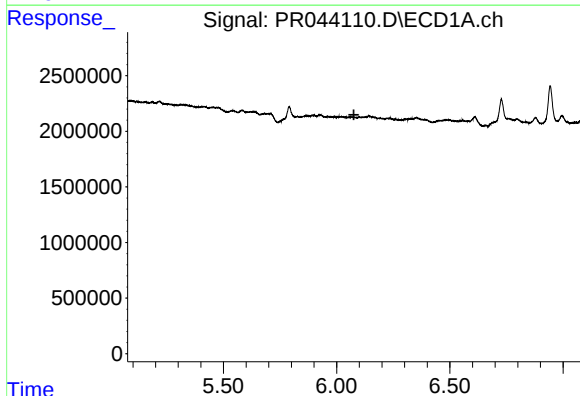
R.T.: 0.000 min  
Exp R.T.: 5.976 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
C0C54



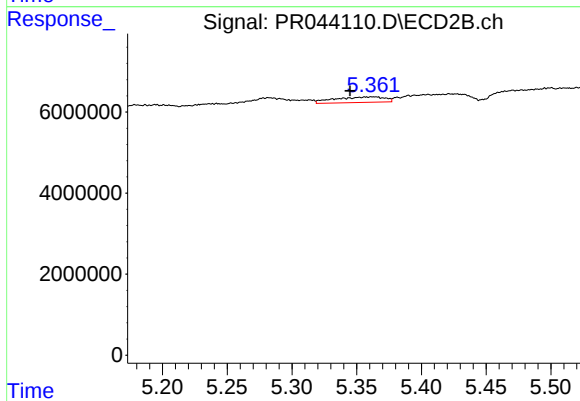
#18 AR-1242-3

R.T.: 5.282 min  
Delta R.T.: 0.020 min  
Response: 4763121  
Conc: 25.06 ng/ml



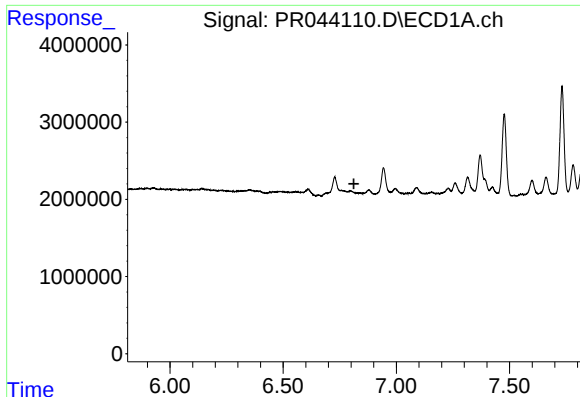
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T.: 6.076 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

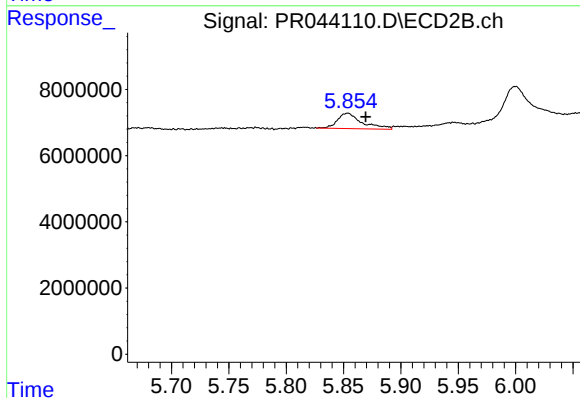
R.T.: 5.363 min  
Delta R.T.: 0.018 min  
Response: 3671599  
Conc: 20.08 ng/ml



#20 AR-1242-5

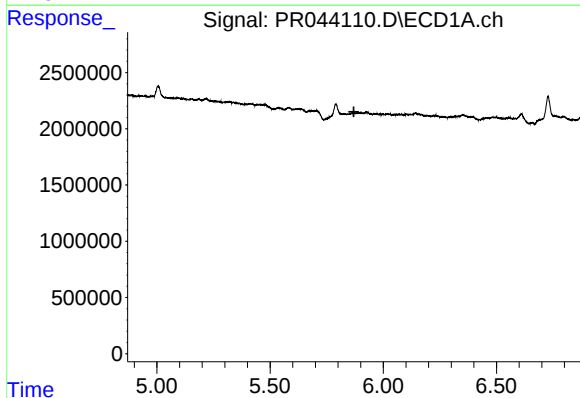
R.T.: 0.000 min  
Exp R.T.: 6.813 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
C0C54



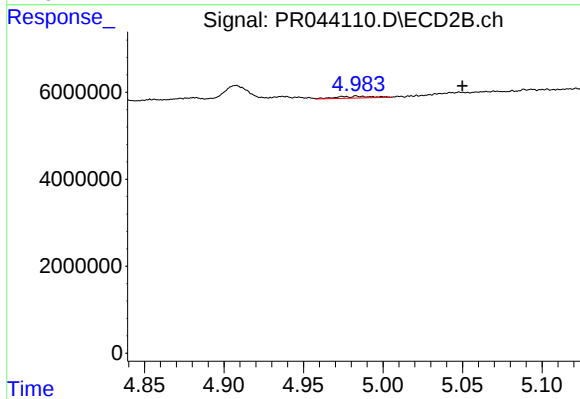
#20 AR-1242-5

R.T.: 5.854 min  
Delta R.T.: -0.016 min  
Response: 6973974  
Conc: 23.51 ng/ml



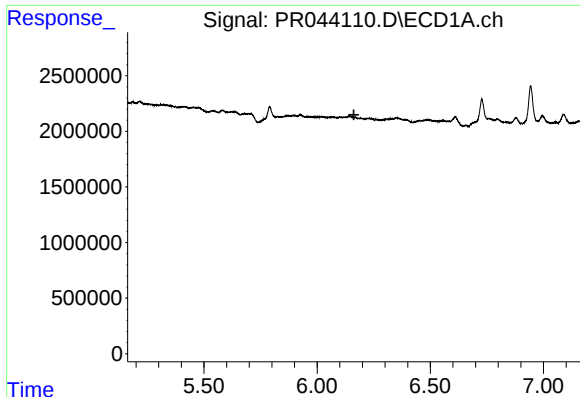
#21 AR-1248-1

R.T.: 0.000 min  
Exp R.T.: 5.870 min  
Response: 0  
Conc: N.D.



#21 AR-1248-1

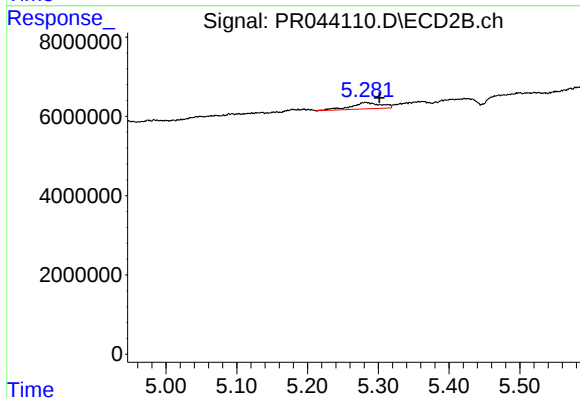
R.T.: 4.983 min  
Delta R.T.: -0.067 min  
Response: 682920  
Conc: 2.97 ng/ml



#22 AR-1248-2

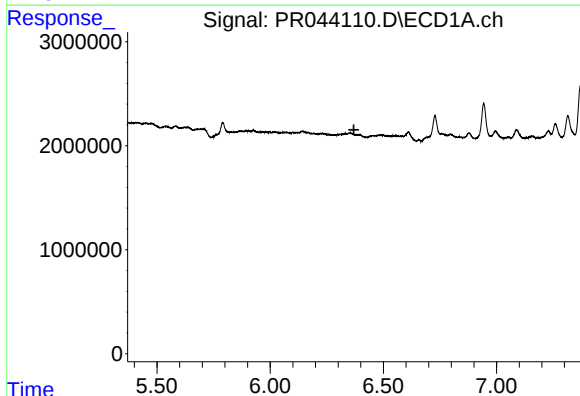
R.T.: 0.000 min  
Exp R.T.: 6.162 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
C0C54



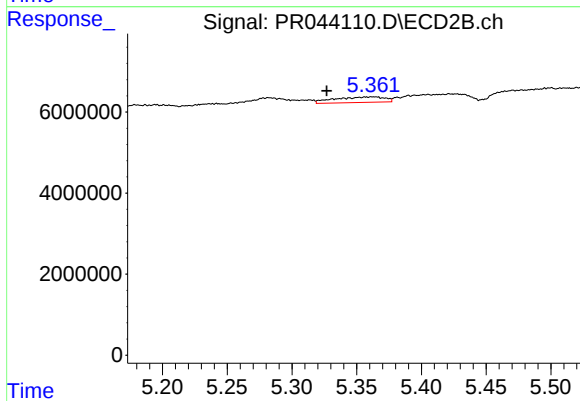
#22 AR-1248-2

R.T.: 5.282 min  
Delta R.T.: -0.019 min  
Response: 4763121  
Conc: 18.20 ng/ml



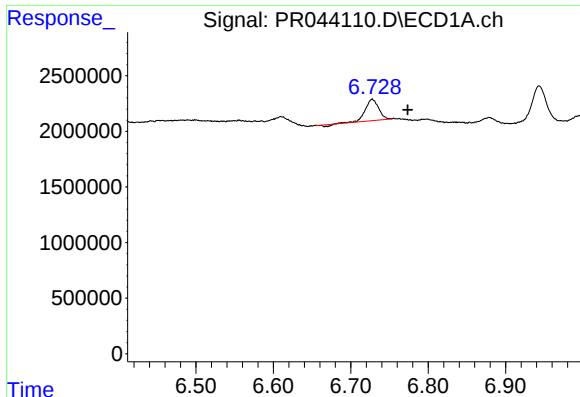
#23 AR-1248-3

R.T.: 0.000 min  
Exp R.T.: 6.370 min  
Response: 0  
Conc: N.D.



#23 AR-1248-3

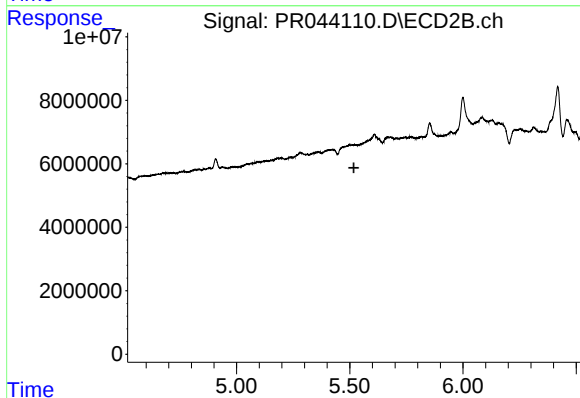
R.T.: 5.363 min  
Delta R.T.: 0.036 min  
Response: 3671599  
Conc: 13.87 ng/ml



#24 AR-1248-4

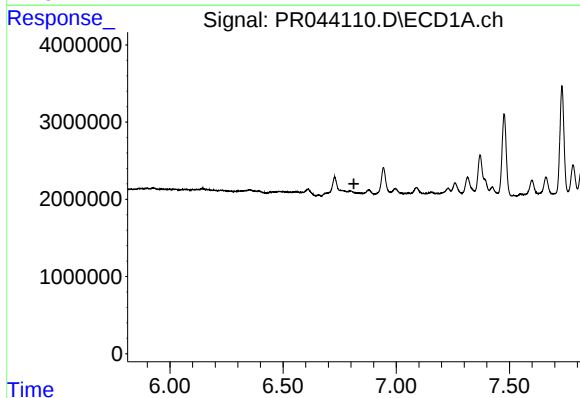
R.T.: 6.728 min  
Delta R.T.: -0.046 min  
Response: 2217956  
Conc: 11.42 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
C0C54



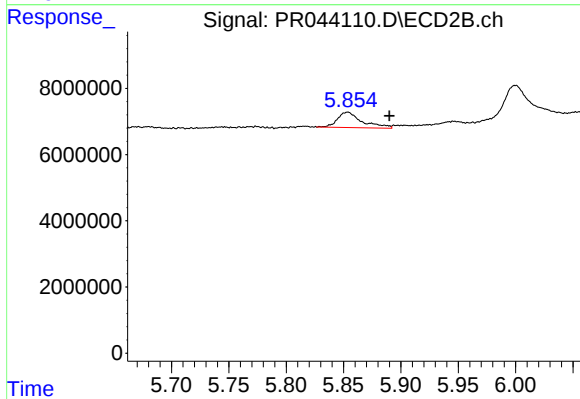
#24 AR-1248-4

R.T.: 0.000 min  
Exp R.T. : 5.518 min  
Response: 0  
Conc: N.D.



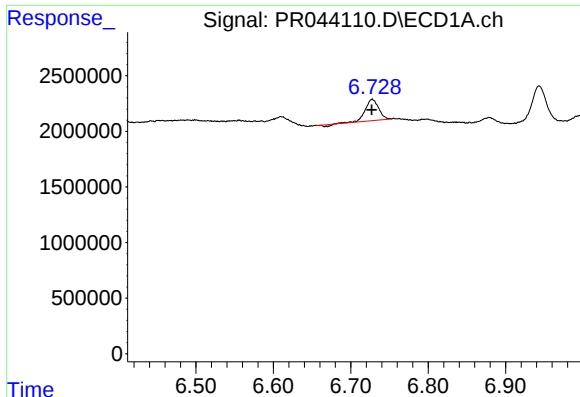
#25 AR-1248-5

R.T.: 0.000 min  
Exp R.T. : 6.813 min  
Response: 0  
Conc: N.D.



#25 AR-1248-5

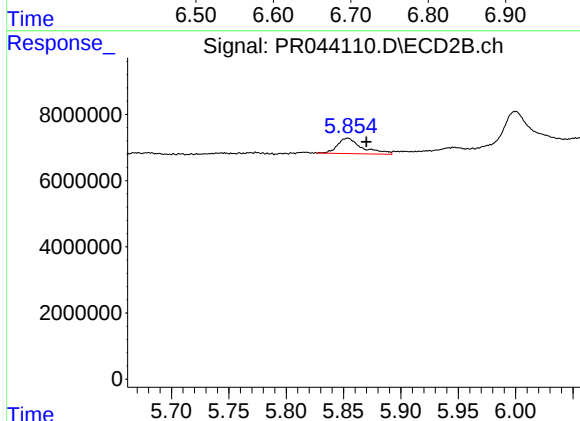
R.T.: 5.854 min  
Delta R.T.: -0.036 min  
Response: 6973974  
Conc: 17.06 ng/ml



#26 AR-1254-1

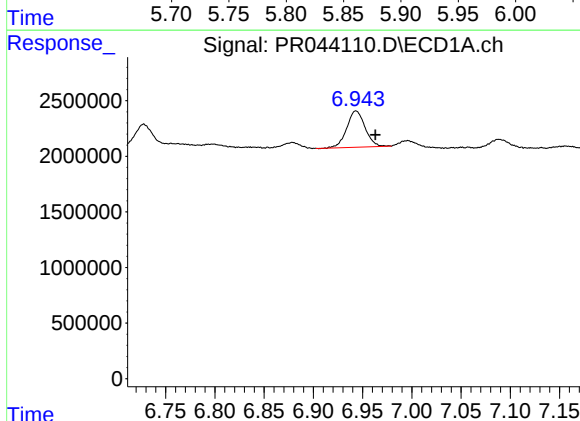
R.T.: 6.728 min  
Delta R.T.: 0.000 min  
Response: 2217956  
Conc: 11.61 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
C0C54



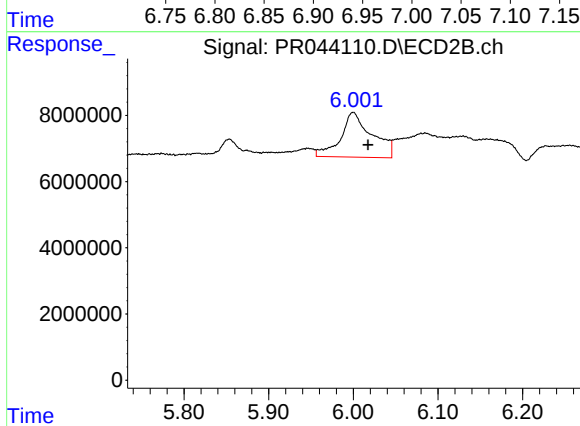
#26 AR-1254-1

R.T.: 5.854 min  
Delta R.T.: -0.016 min  
Response: 6973974  
Conc: 11.58 ng/ml



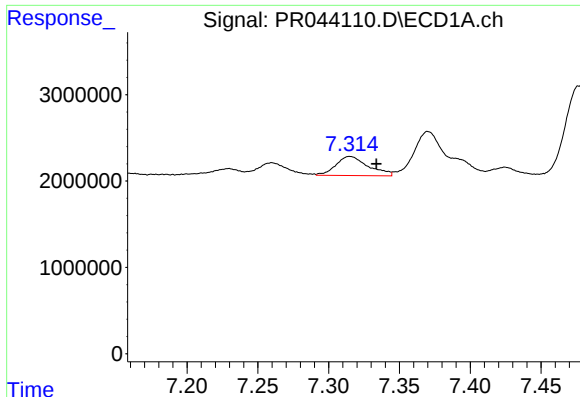
#27 AR-1254-2

R.T.: 6.943 min  
Delta R.T.: -0.020 min  
Response: 4238267  
Conc: 13.90 ng/ml



#27 AR-1254-2

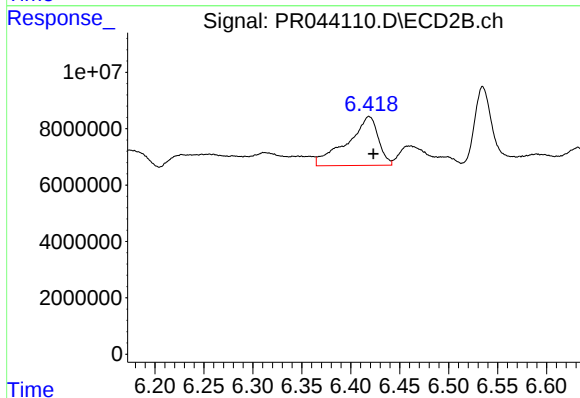
R.T.: 6.000 min  
Delta R.T.: -0.018 min  
Response: 34881737  
Conc: 64.28 ng/ml



#28 AR-1254-3

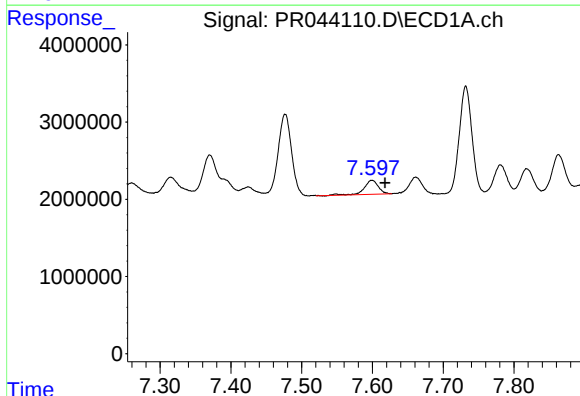
R.T.: 7.315 min  
Delta R.T.: -0.019 min  
Response: 3512593  
Conc: 10.19 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
C0C54



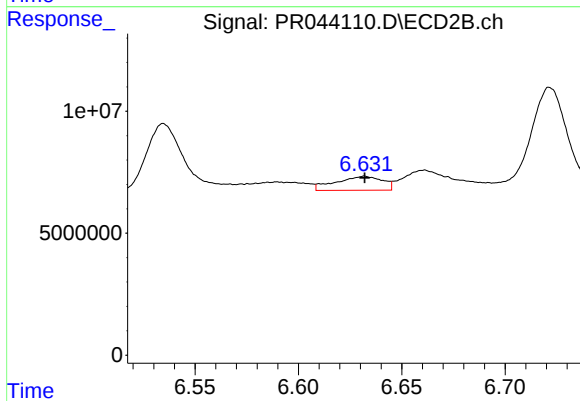
#28 AR-1254-3

R.T.: 6.419 min  
Delta R.T.: -0.004 min  
Response: 38373218  
Conc: 40.25 ng/ml



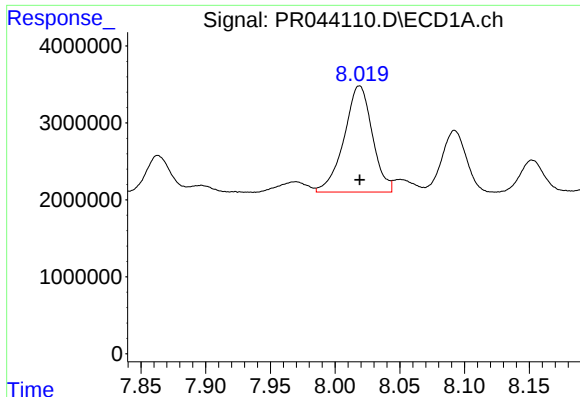
#29 AR-1254-4

R.T.: 7.599 min  
Delta R.T.: -0.018 min  
Response: 2501386  
Conc: 9.55 ng/ml



#29 AR-1254-4

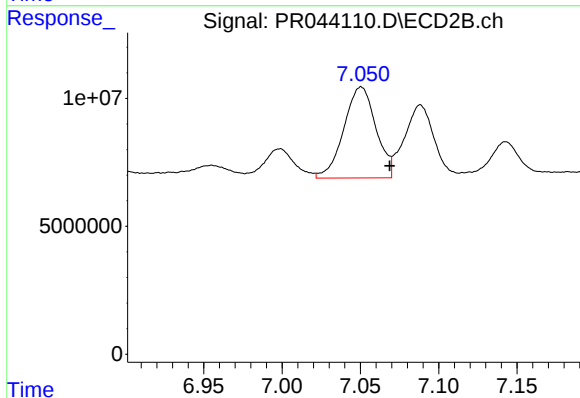
R.T.: 6.632 min  
Delta R.T.: 0.000 min  
Response: 8946699  
Conc: 13.49 ng/ml



#30 AR-1254-5

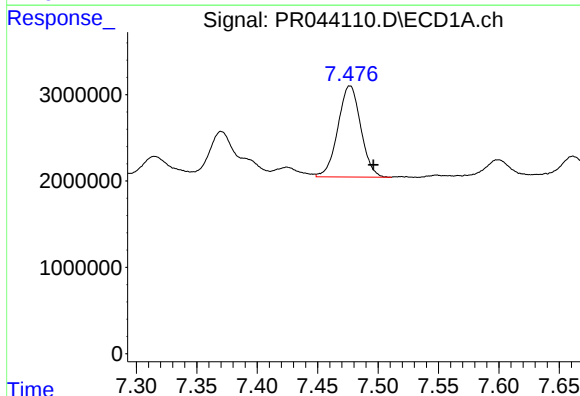
R.T.: 8.019 min  
Delta R.T.: 0.000 min  
Response: 20982292  
Conc: 74.04 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
C0C54



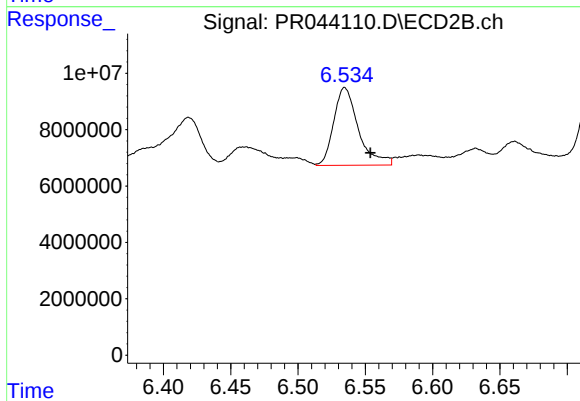
#30 AR-1254-5

R.T.: 7.050 min  
Delta R.T.: -0.018 min  
Response: 50765517  
Conc: 58.34 ng/ml



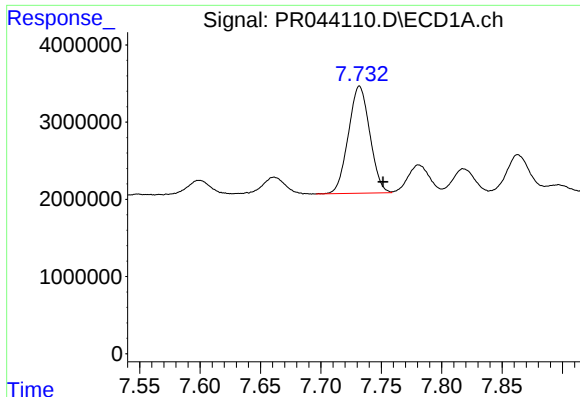
#31 AR-1260-1

R.T.: 7.477 min  
Delta R.T.: -0.019 min  
Response: 13894317  
Conc: 60.11 ng/ml



#31 AR-1260-1

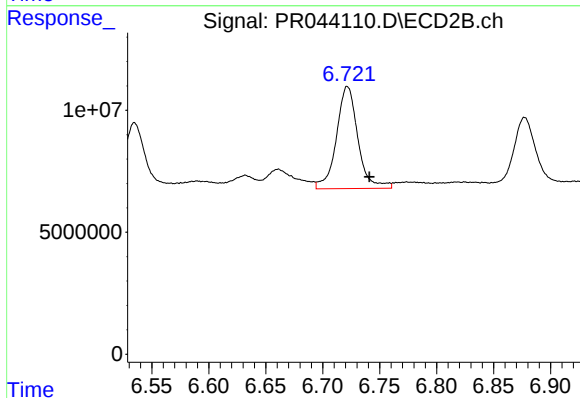
R.T.: 6.535 min  
Delta R.T.: -0.019 min  
Response: 35244883  
Conc: 64.49 ng/ml



#32 AR-1260-2

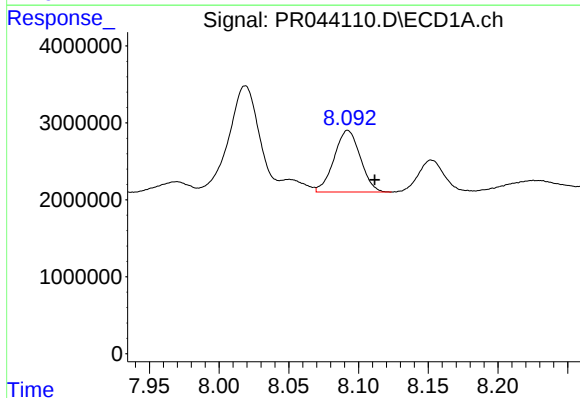
R.T.: 7.732 min  
Delta R.T.: -0.020 min  
Response: 17142217  
Conc: 60.08 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
C0C54



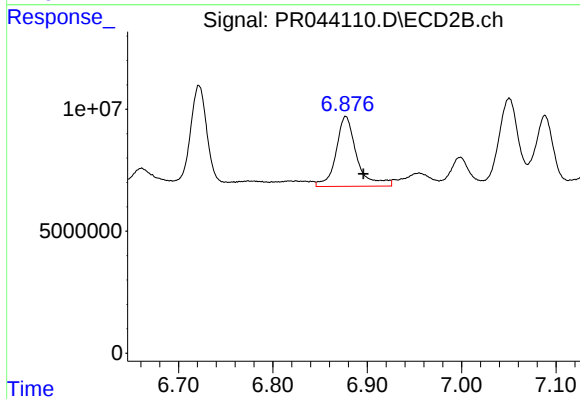
#32 AR-1260-2

R.T.: 6.722 min  
Delta R.T.: -0.019 min  
Response: 54936803  
Conc: 68.45 ng/ml



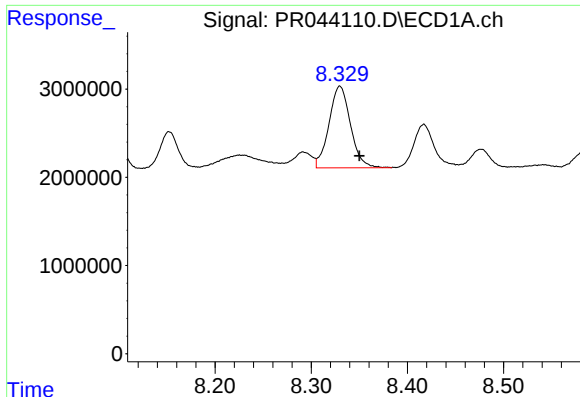
#33 AR-1260-3

R.T.: 8.092 min  
Delta R.T.: -0.019 min  
Response: 10490752  
Conc: 46.72 ng/ml



#33 AR-1260-3

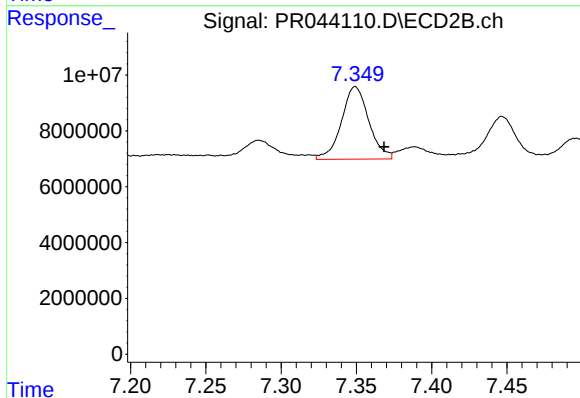
R.T.: 6.877 min  
Delta R.T.: -0.019 min  
Response: 43688889  
Conc: 65.42 ng/ml



#34 AR-1260-4

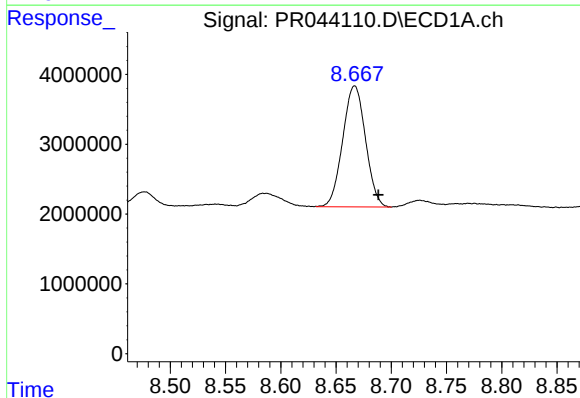
R.T.: 8.330 min  
Delta R.T.: -0.020 min  
Response: 14336589  
Conc: 55.37 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
C0C54



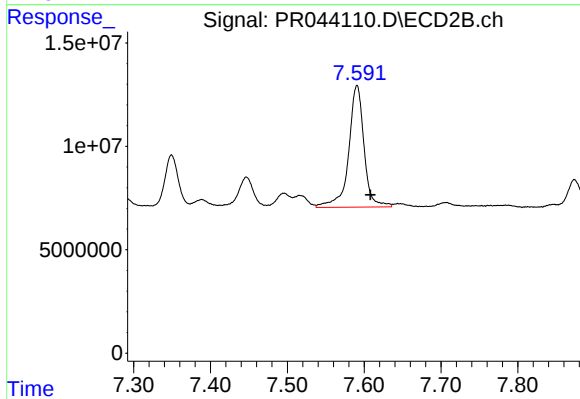
#34 AR-1260-4

R.T.: 7.349 min  
Delta R.T.: -0.019 min  
Response: 32906820  
Conc: 58.62 ng/ml



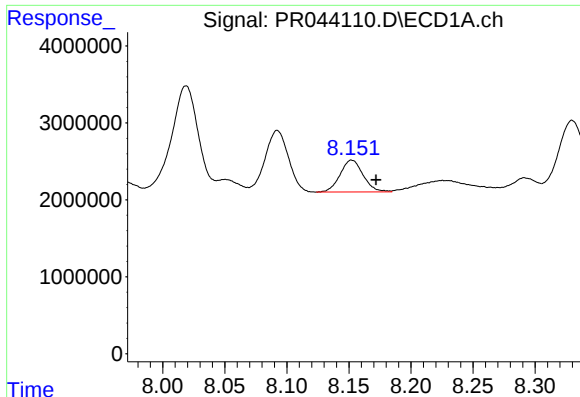
#35 AR-1260-5

R.T.: 8.667 min  
Delta R.T.: -0.022 min  
Response: 24894264  
Conc: 44.57 ng/ml



#35 AR-1260-5

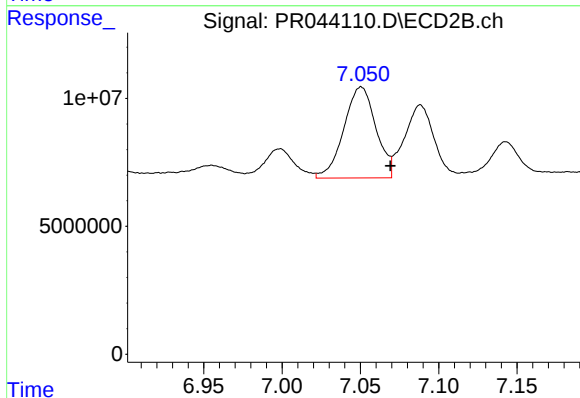
R.T.: 7.591 min  
Delta R.T.: -0.017 min  
Response: 82112077  
Conc: 48.78 ng/ml



#36 AR-1262-1

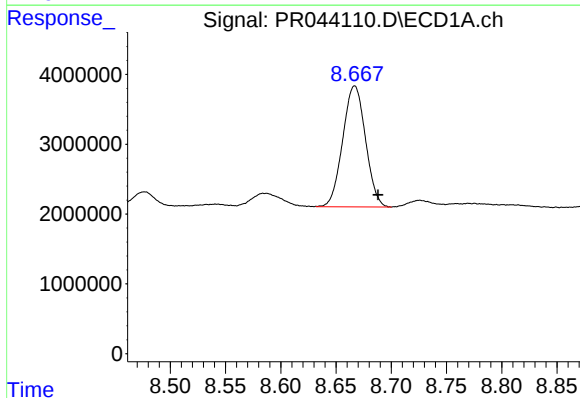
R.T.: 8.152 min  
Delta R.T.: -0.020 min  
Response: 5375918  
Conc: 37.37 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
C0C54



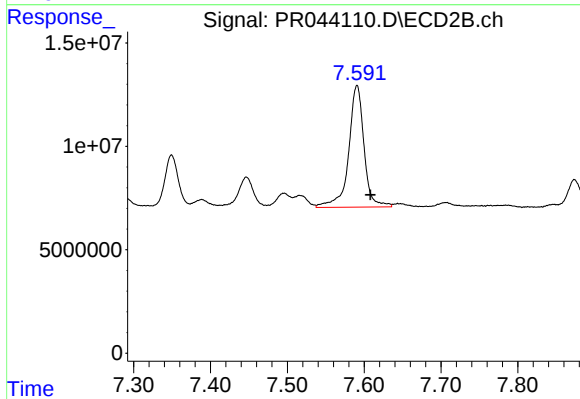
#36 AR-1262-1

R.T.: 7.050 min  
Delta R.T.: -0.019 min  
Response: 50765517  
Conc: 102.62 ng/ml



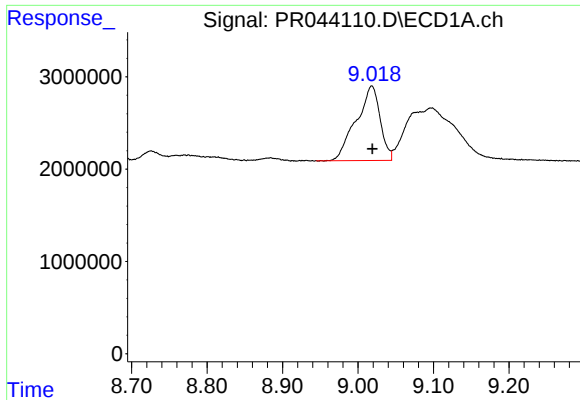
#37 AR-1262-2

R.T.: 8.667 min  
Delta R.T.: -0.021 min  
Response: 24894264  
Conc: 35.07 ng/ml



#37 AR-1262-2

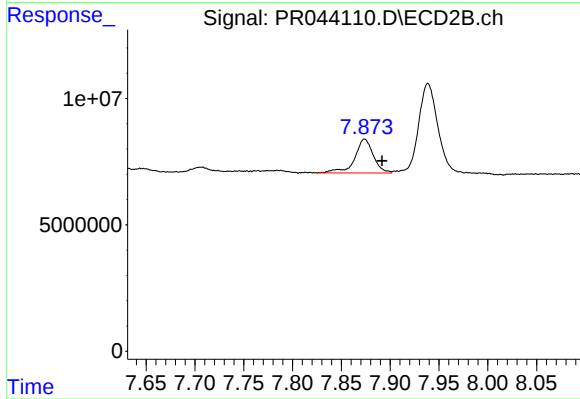
R.T.: 7.591 min  
Delta R.T.: -0.017 min  
Response: 82112077  
Conc: 37.76 ng/ml



#38 AR-1262-3

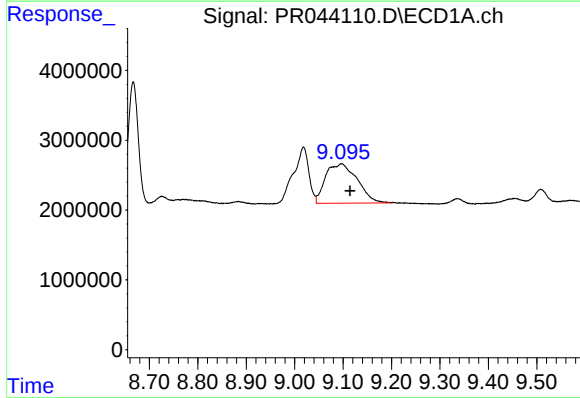
R.T.: 9.018 min  
Delta R.T.: 0.000 min  
Response: 17786424  
Conc: 38.61 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
C0C54



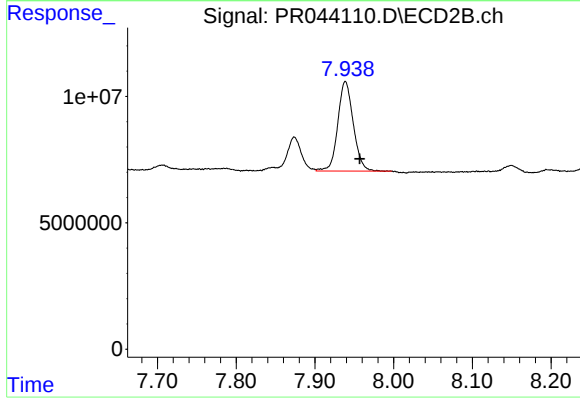
#38 AR-1262-3

R.T.: 7.874 min  
Delta R.T.: -0.018 min  
Response: 17740782  
Conc: 20.54 ng/ml



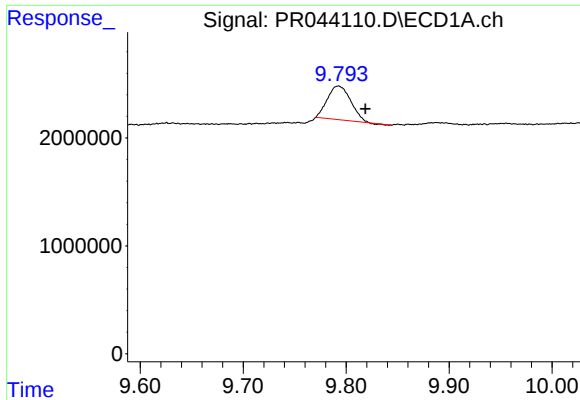
#39 AR-1262-4

R.T.: 9.097 min  
Delta R.T.: -0.018 min  
Response: 25639204  
Conc: 75.19 ng/ml



#39 AR-1262-4

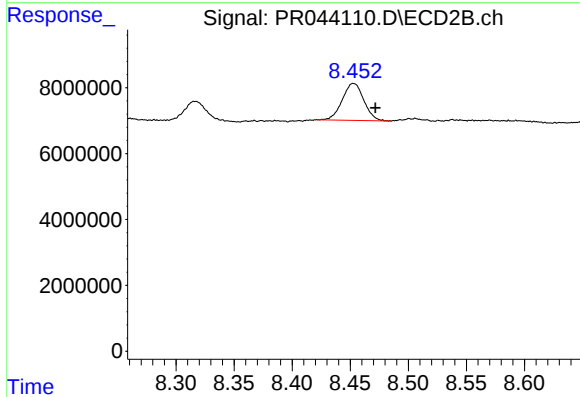
R.T.: 7.939 min  
Delta R.T.: -0.018 min  
Response: 48530049  
Conc: 34.13 ng/ml



#40 AR-1262-5

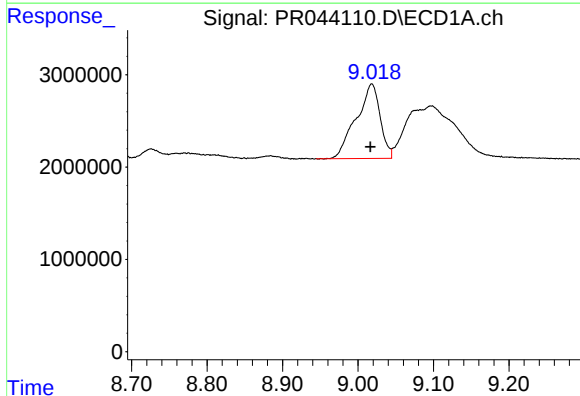
R.T.: 9.792 min  
Delta R.T.: -0.026 min  
Response: 4882555  
Conc: 20.34 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
C0C54



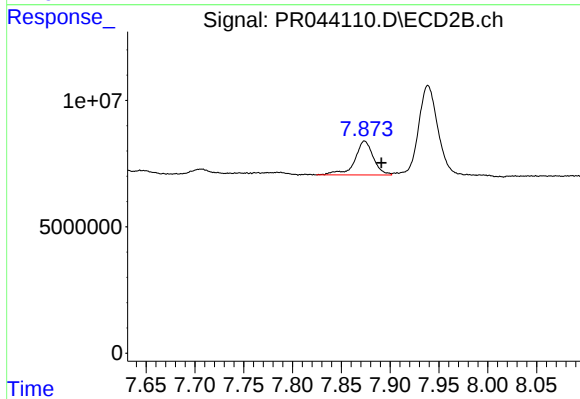
#40 AR-1262-5

R.T.: 8.453 min  
Delta R.T.: -0.019 min  
Response: 14434195  
Conc: 22.58 ng/ml



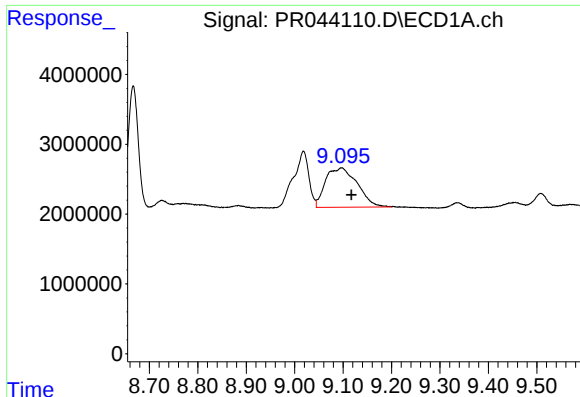
#41 AR-1268-1

R.T.: 9.018 min  
Delta R.T.: 0.002 min  
Response: 17786424  
Conc: 22.09 ng/ml



#41 AR-1268-1

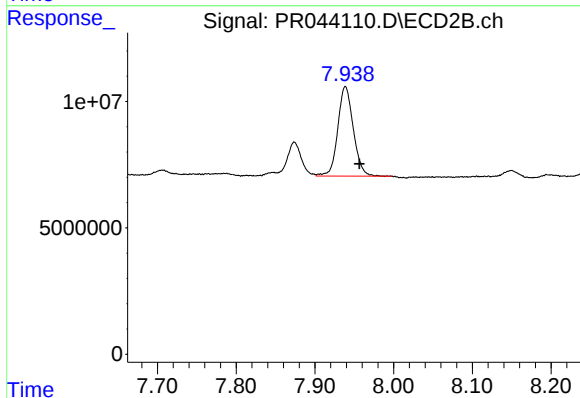
R.T.: 7.874 min  
Delta R.T.: -0.017 min  
Response: 17740782  
Conc: 7.26 ng/ml



#42 AR-1268-2

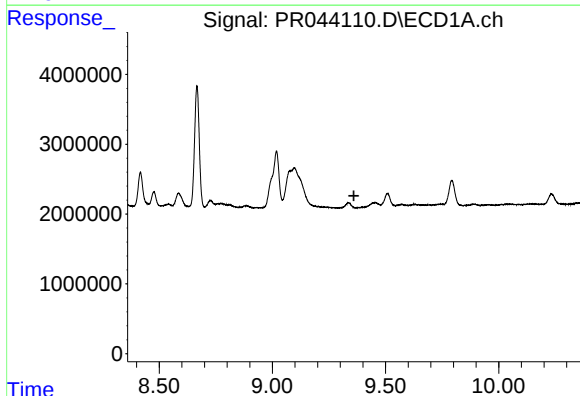
R.T.: 9.097 min  
Delta R.T.: -0.020 min  
Response: 25639204  
Conc: 34.80 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
C0C54



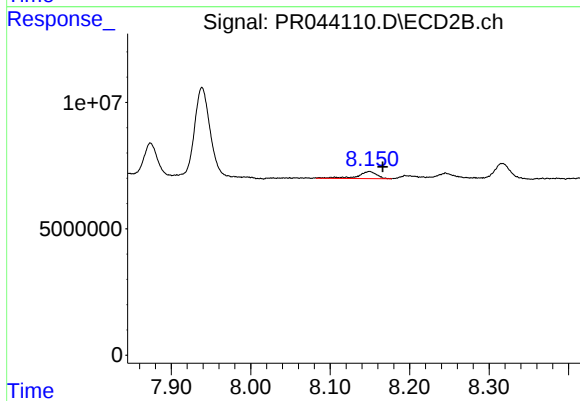
#42 AR-1268-2

R.T.: 7.939 min  
Delta R.T.: -0.018 min  
Response: 48530049  
Conc: 23.20 ng/ml



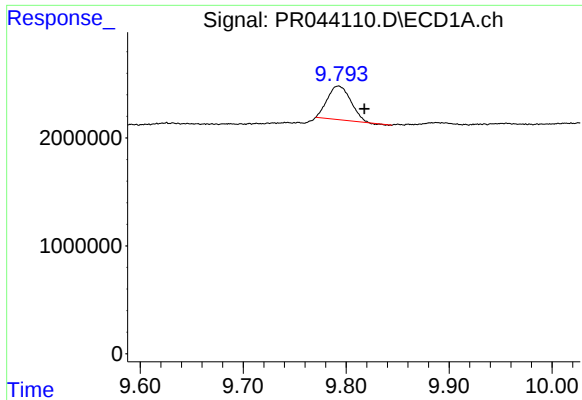
#43 AR-1268-3

R.T.: 0.000 min  
Exp R.T. : 9.360 min  
Response: 0  
Conc: N.D.



#43 AR-1268-3

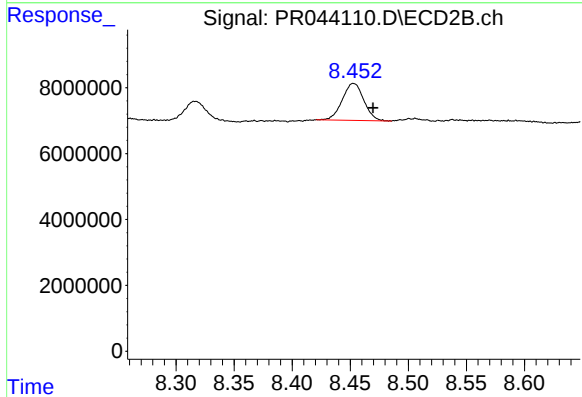
R.T.: 8.150 min  
Delta R.T.: -0.017 min  
Response: 4706684  
Conc: 2.61 ng/ml



#44 AR-1268-4

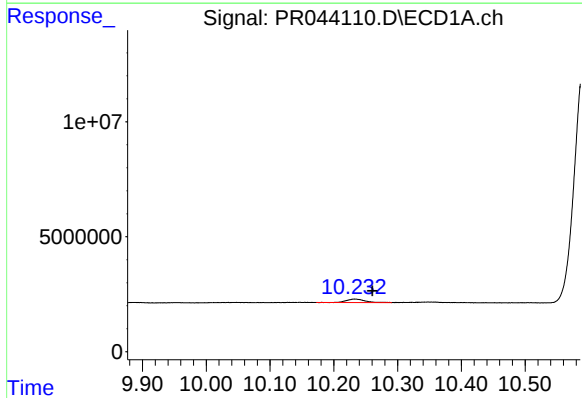
R.T.: 9.792 min  
Delta R.T.: -0.025 min  
Response: 4882555  
Conc: 18.46 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
C0C54



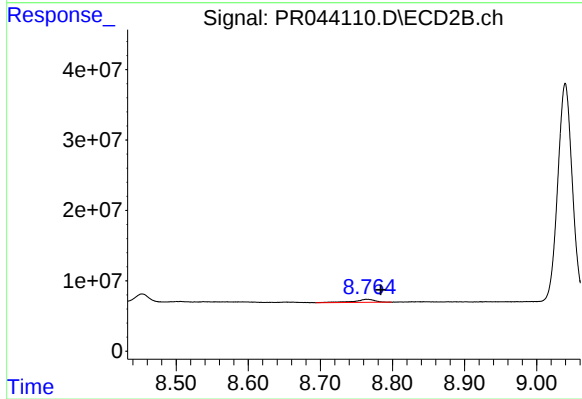
#44 AR-1268-4

R.T.: 8.453 min  
Delta R.T.: -0.017 min  
Response: 14434195  
Conc: 20.48 ng/ml



#45 AR-1268-5

R.T.: 10.233 min  
Delta R.T.: -0.028 min  
Response: 2962783  
Conc: 1.44 ng/ml



#45 AR-1268-5

R.T.: 8.765 min  
Delta R.T.: -0.019 min  
Response: 8571600  
Conc: 1.76 ng/ml