

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR081319\  
 Data File : PR040337.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Aug 2019 09:33  
 Operator : SM\AJ  
 Sample : K4254-03RE  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_R  
 ClientSampleId :  
 RECOVERED-CRSH-AGGREGATE-

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 14 00:56:56 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR081019.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Sat Aug 10 07:38:17 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... | 3.749 | 4.587  | 69635510 | 339.5E6  | 29.058  | 32.608    |
| 2)                          | SA Decachlor... | 8.683 | 10.314 | 55126491 | 229.4E6  | 22.654  | 26.192    |
| Target Compounds            |                 |       |        |          |          |         |           |
| 3)                          | L1 AR-1016-1    | 4.780 | 0.000  | 359897   | 0        | 4.626   | N.D. #    |
| 4)                          | L1 AR-1016-2    | 4.780 | 0.000  | 359897   | 0        | 2.872   | N.D. #    |
| 5)                          | L1 AR-1016-3    | 5.065 | 0.000  | 4845281  | 0        | 79.423  | N.D. #    |
| 6)                          | L1 AR-1016-4    | 5.065 | 0.000  | 4845281  | 0        | 100.982 | N.D. #    |
| 7)                          | L1 AR-1016-5    | 5.247 | 0.000  | 4120846  | 0        | 66.234  | N.D. #    |
| 8)                          | L2 AR-1221-1    | 0.000 | 4.812  | 0        | 13727867 | N.D.    | 125.031 # |
| 9)                          | L2 AR-1221-2    | 4.048 | 4.812  | 2201941  | 13727867 | 108.660 | 171.799 # |
| 10)                         | L2 AR-1221-3    | 4.048 | 0.000  | 2201941  | 0        | 34.086  | N.D. #    |
| 12)                         | L3 AR-1232-2    | 4.780 | 0.000  | 359897   | 0        | 7.329   | N.D. #    |
| 13)                         | L3 AR-1232-3    | 5.065 | 0.000  | 4845281  | 0        | 212.974 | N.D. #    |
| 14)                         | L3 AR-1232-4    | 5.114 | 0.000  | 7434897  | 0        | 375.977 | N.D. #    |
| 15)                         | L3 AR-1232-5    | 5.247 | 0.000  | 4120846  | 0        | 192.313 | N.D. #    |
| 16)                         | L4 AR-1242-1    | 4.780 | 0.000  | 359897   | 0        | 6.301   | N.D. #    |
| 17)                         | L4 AR-1242-2    | 4.780 | 0.000  | 359897   | 0        | 3.803   | N.D. #    |
| 18)                         | L4 AR-1242-3    | 5.065 | 0.000  | 4845281  | 0        | 106.989 | N.D. #    |
| 19)                         | L4 AR-1242-4    | 5.065 | 0.000  | 4845281  | 0        | 111.724 | N.D. #    |
| 20)                         | L4 AR-1242-5    | 5.625 | 6.592  | 3205671  | 11078721 | 56.055  | 59.685    |
| 21)                         | L5 AR-1248-1    | 4.780 | 0.000  | 359897   | 0        | 7.897   | N.D. #    |
| 22)                         | L5 AR-1248-2    | 5.065 | 0.000  | 4845281  | 0        | 78.343  | N.D. #    |
| 23)                         | L5 AR-1248-3    | 5.065 | 0.000  | 4845281  | 0        | 76.754  | N.D. #    |
| 24)                         | L5 AR-1248-4    | 5.247 | 6.592  | 4120846  | 11078721 | 53.460  | 35.283 #  |
| 25)                         | L5 AR-1248-5    | 5.625 | 6.592  | 3205671  | 11078721 | 41.844  | 37.381    |
| 26)                         | L6 AR-1254-1    | 5.625 | 6.592  | 3205671  | 11078721 | 20.289  | 27.062 #  |
| 27)                         | L6 AR-1254-2    | 5.804 | 0.000  | 11724492 | 0        | 87.977  | N.D. #    |
| 29)                         | L6 AR-1254-4    | 6.416 | 0.000  | 927603   | 0        | 5.717   | N.D. #    |
| 30)                         | L6 AR-1254-5    | 6.779 | 0.000  | 2836097  | 0        | 15.248  | N.D. #    |
| 31)                         | L7 AR-1260-1    | 6.278 | 7.330  | 1082262  | -187947  | 9.407   | N.D. #    |
| 32)                         | L7 AR-1260-2    | 6.450 | 0.000  | 2721258  | 0        | 18.898  | N.D. #    |
| 33)                         | L7 AR-1260-3    | 6.608 | 0.000  | 1111491  | 0        | 8.232   | N.D. #    |
| 36)                         | L8 AR-1262-1    | 6.904 | 0.000  | 1532581  | 0        | 25.310  | N.D. #    |
| 38)                         | L8 AR-1262-3    | 7.623 | 0.000  | 479357   | 0        | 4.353   | N.D. #    |
| 39)                         | L8 AR-1262-4    | 7.623 | 0.000  | 479357   | 0        | 2.277   | N.D. #    |
| 41)                         | L9 AR-1268-1    | 7.623 | 0.000  | 479357   | 0        | 1.164   | N.D. #    |
| 42)                         | L9 AR-1268-2    | 7.623 | 0.000  | 479357   | 0        | 1.250   | N.D. #    |
| -----                       |                 |       |        |          |          |         |           |

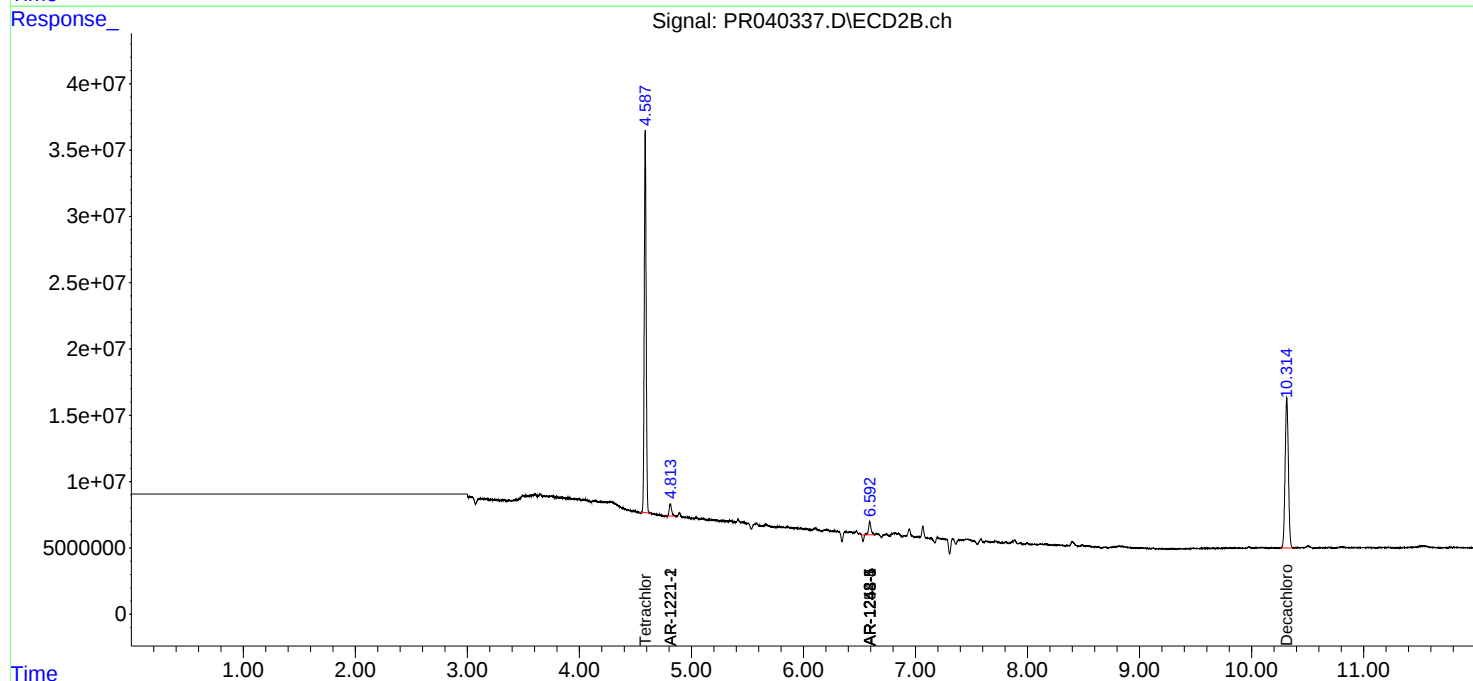
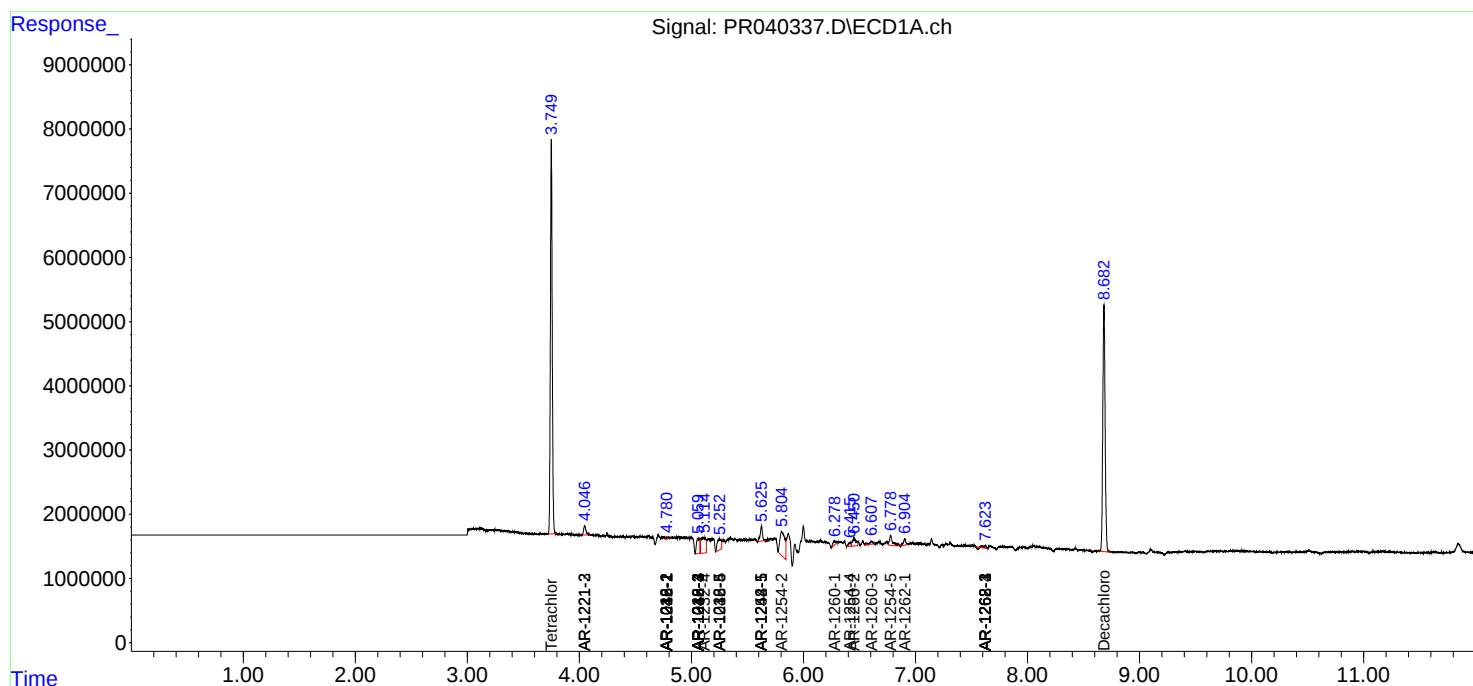
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

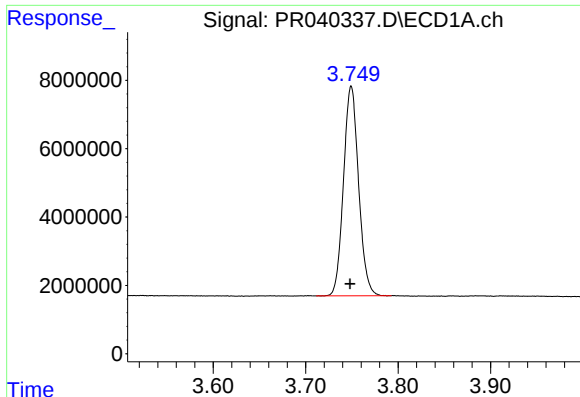
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR081319\  
Data File : PR040337.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Aug 2019 09:33  
Operator : SM\AJ  
Sample : K4254-03RE  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_R  
ClientSampleId :  
RECOVERED-CRSH-AGGREGATE-

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 14 00:56:56 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR081019.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Sat Aug 10 07:38:17 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

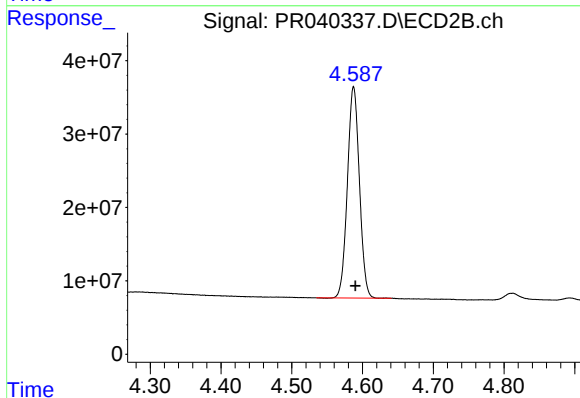




#1 Tetrachloro-m-xylene

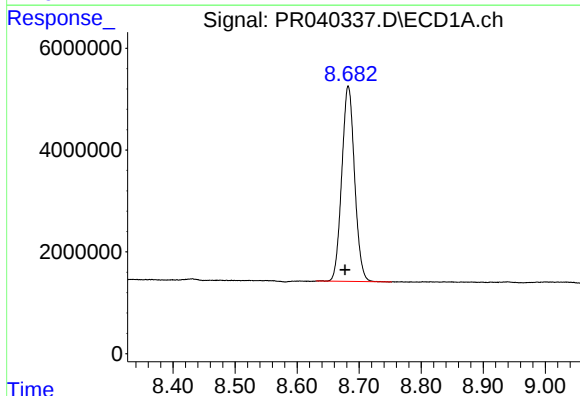
R.T.: 3.749 min  
Delta R.T.: 0.001 min  
Response: 69635510  
Conc: 29.06 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
RECOVERED-CRSH-AGGREGATE-



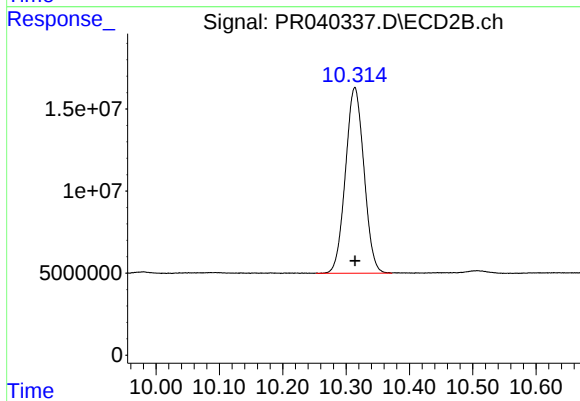
#1 Tetrachloro-m-xylene

R.T.: 4.587 min  
Delta R.T.: -0.003 min  
Response: 339486084  
Conc: 32.61 ng/ml



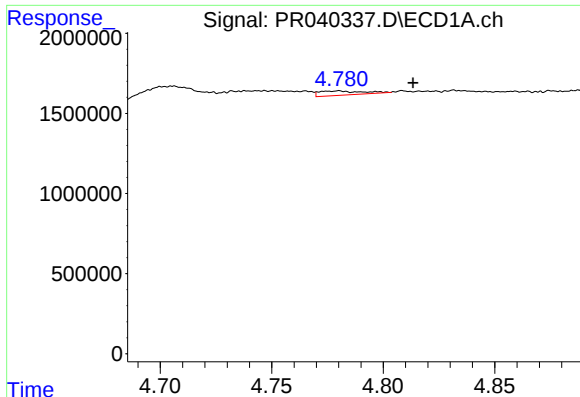
#2 Decachlorobiphenyl

R.T.: 8.683 min  
Delta R.T.: 0.005 min  
Response: 55126491  
Conc: 22.65 ng/ml



#2 Decachlorobiphenyl

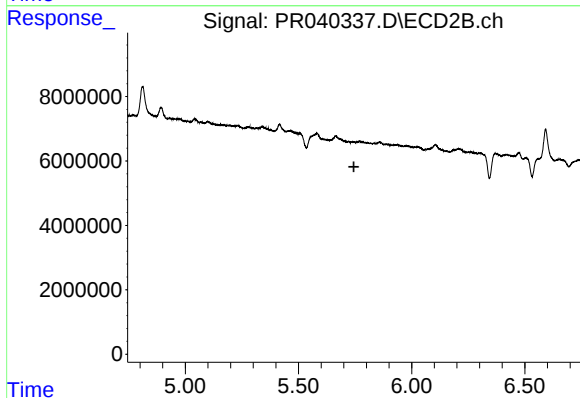
R.T.: 10.314 min  
Delta R.T.: 0.000 min  
Response: 229376776  
Conc: 26.19 ng/ml



#3 AR-1016-1

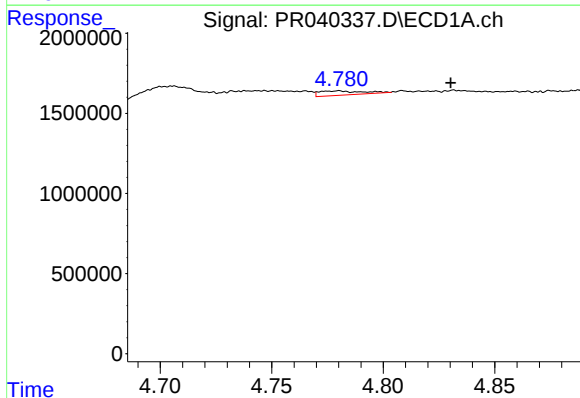
R.T.: 4.780 min  
Delta R.T.: -0.033 min  
Response: 359897  
Conc: 4.63 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
RECOVERED-CRSH-AGGREGATE-



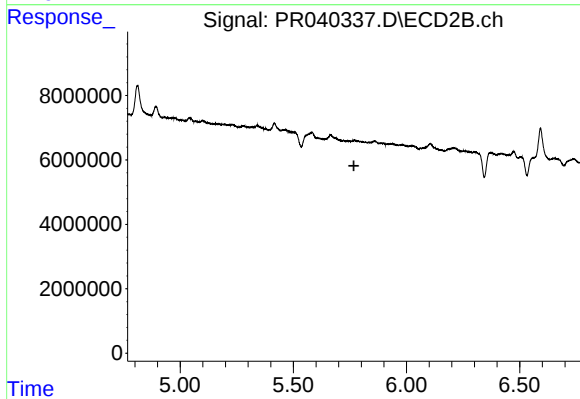
#3 AR-1016-1

R.T.: 0.000 min  
Exp R.T. : 5.745 min  
Response: 0  
Conc: N.D.



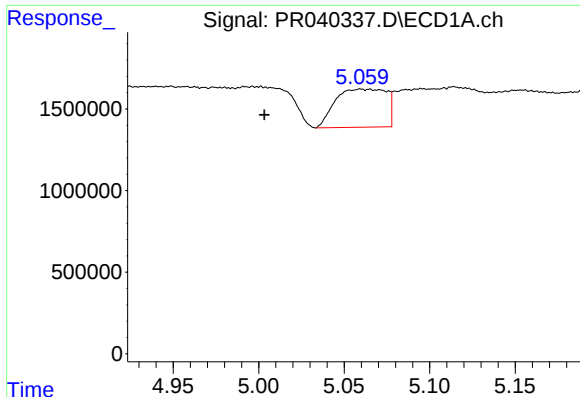
#4 AR-1016-2

R.T.: 4.780 min  
Delta R.T.: -0.050 min  
Response: 359897  
Conc: 2.87 ng/ml



#4 AR-1016-2

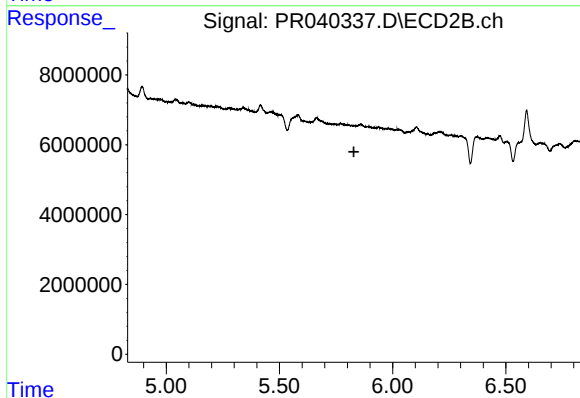
R.T.: 0.000 min  
Exp R.T. : 5.768 min  
Response: 0  
Conc: N.D.



#5 AR-1016-3

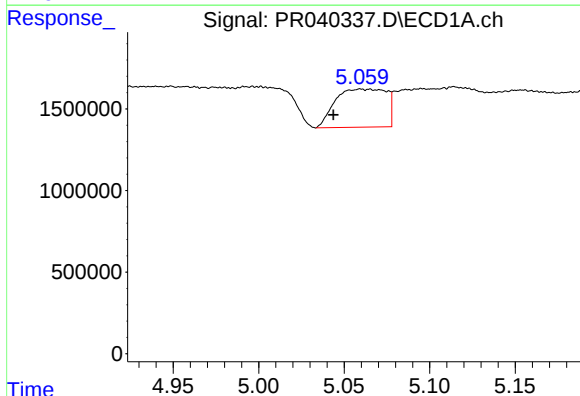
R.T.: 5.065 min  
Delta R.T.: 0.062 min  
Response: 4845281  
Conc: 79.42 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
RECOVERED-CRSH-AGGREGATE-



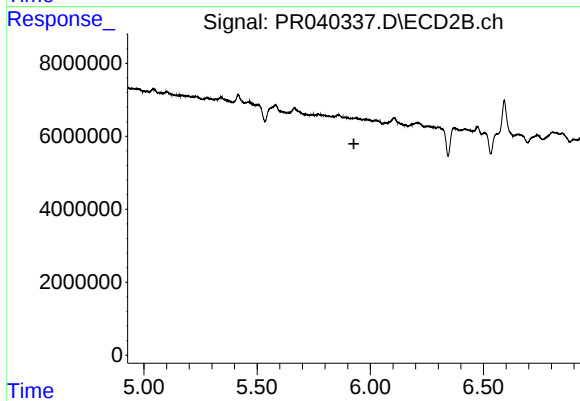
#5 AR-1016-3

R.T.: 0.000 min  
Exp R.T. : 5.829 min  
Response: 0  
Conc: N.D.



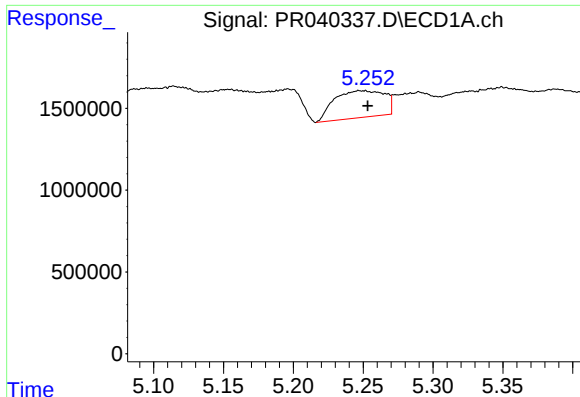
#6 AR-1016-4

R.T.: 5.065 min  
Delta R.T.: 0.021 min  
Response: 4845281  
Conc: 100.98 ng/ml



#6 AR-1016-4

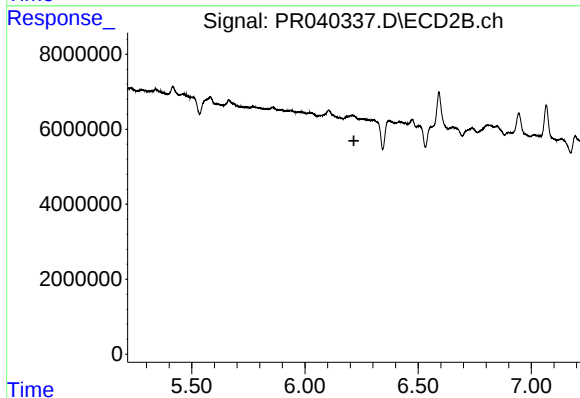
R.T.: 0.000 min  
Exp R.T. : 5.928 min  
Response: 0  
Conc: N.D.



#7 AR-1016-5

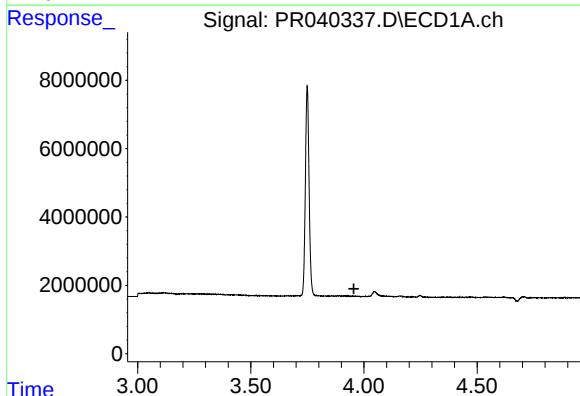
R.T.: 5.247 min  
Delta R.T.: -0.006 min  
Response: 4120846  
Conc: 66.23 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
RECOVERED-CRSH-AGGREGATE-



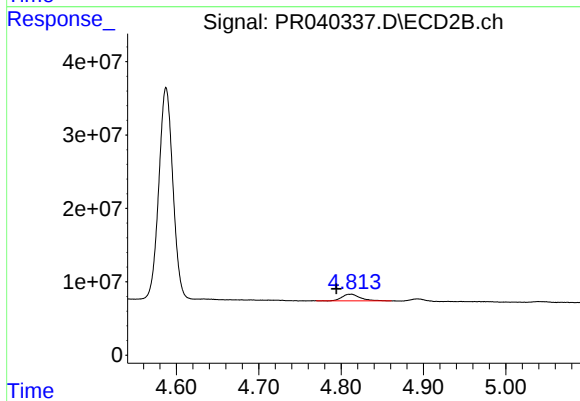
#7 AR-1016-5

R.T.: 0.000 min  
Exp R.T. : 6.216 min  
Response: 0  
Conc: N.D.



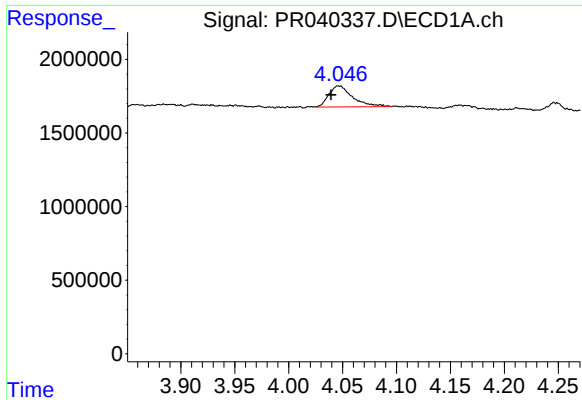
#8 AR-1221-1

R.T.: 0.000 min  
Exp R.T. : 3.955 min  
Response: 0  
Conc: N.D.



#8 AR-1221-1

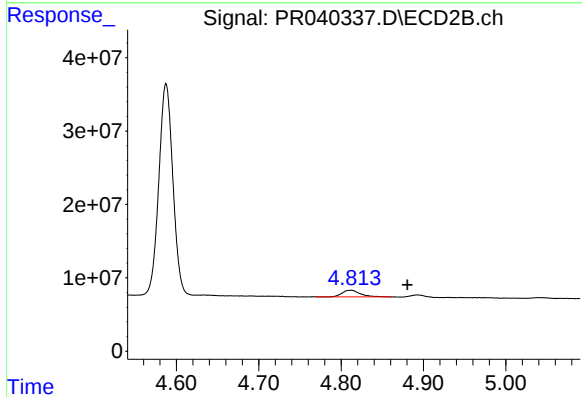
R.T.: 4.812 min  
Delta R.T.: 0.018 min  
Response: 13727867  
Conc: 125.03 ng/ml



#9 AR-1221-2

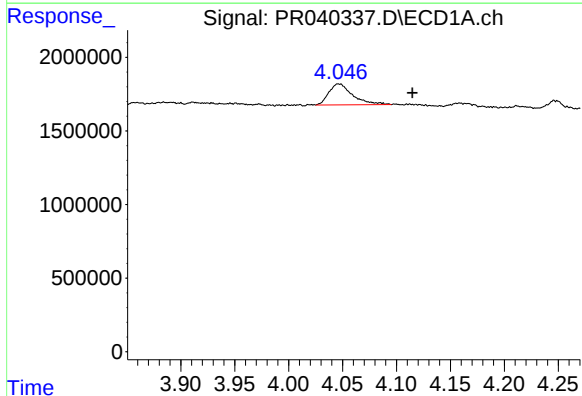
R.T.: 4.048 min  
Delta R.T.: 0.009 min  
Response: 2201941  
Conc: 108.66 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
RECOVERED-CRSH-AGGREGATE-



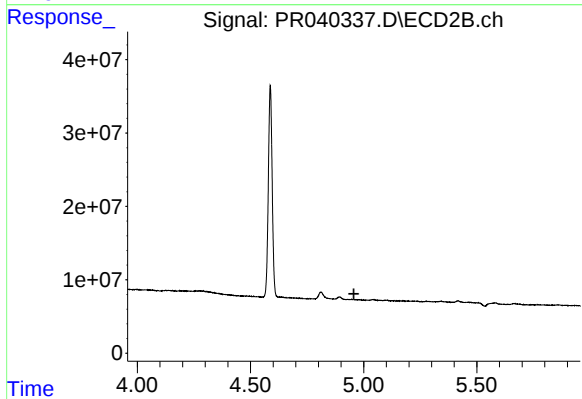
#9 AR-1221-2

R.T.: 4.812 min  
Delta R.T.: -0.069 min  
Response: 13727867  
Conc: 171.80 ng/ml



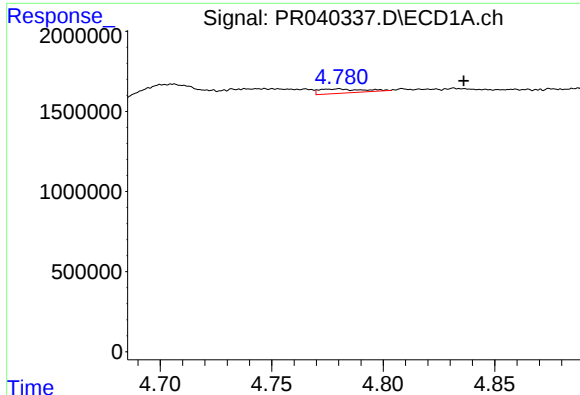
#10 AR-1221-3

R.T.: 4.048 min  
Delta R.T.: -0.066 min  
Response: 2201941  
Conc: 34.09 ng/ml



#10 AR-1221-3

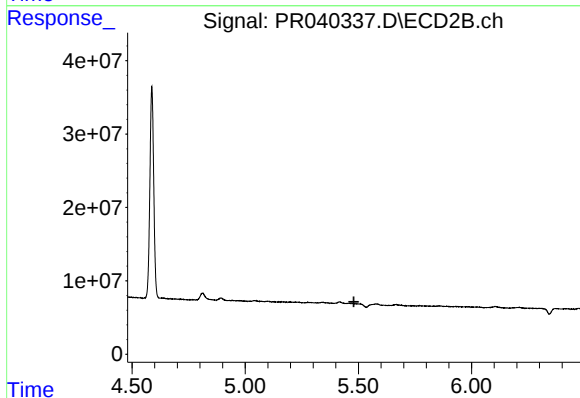
R.T.: 0.000 min  
Exp R.T. : 4.957 min  
Response: 0  
Conc: N.D.



#12 AR-1232-2

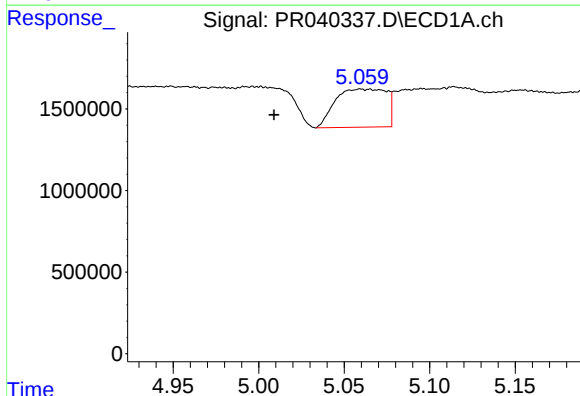
R.T.: 4.780 min  
Delta R.T.: -0.056 min  
Response: 359897  
Conc: 7.33 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
RECOVERED-CRSH-AGGREGATE-



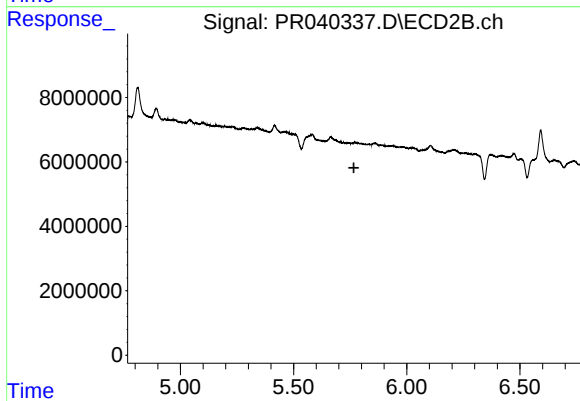
#12 AR-1232-2

R.T.: 0.000 min  
Exp R.T. : 5.480 min  
Response: 0  
Conc: N.D.



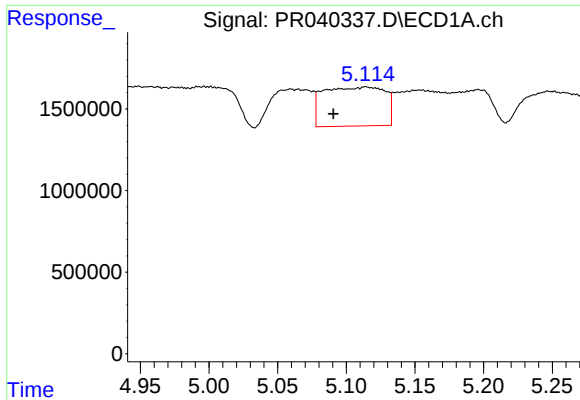
#13 AR-1232-3

R.T.: 5.065 min  
Delta R.T.: 0.056 min  
Response: 4845281  
Conc: 212.97 ng/ml



#13 AR-1232-3

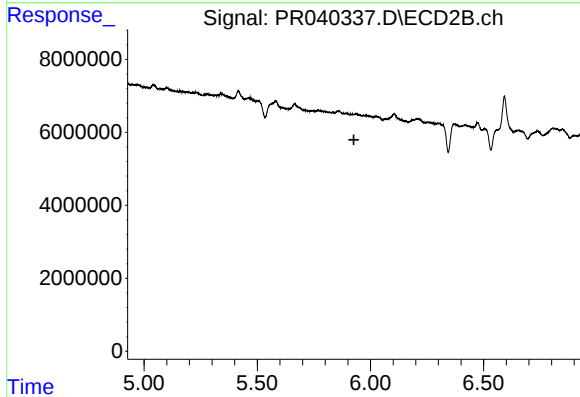
R.T.: 0.000 min  
Exp R.T. : 5.767 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

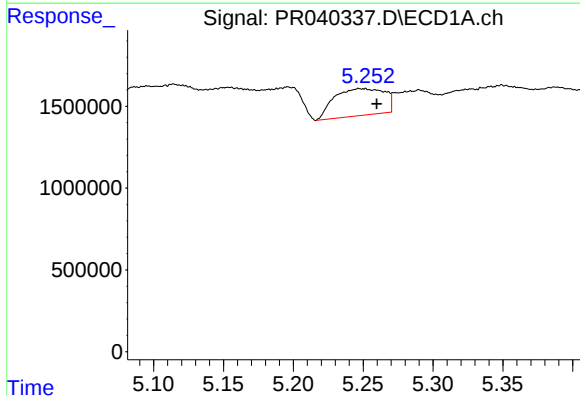
R.T.: 5.114 min  
Delta R.T.: 0.024 min  
Response: 7434897  
Conc: 375.98 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
RECOVERED-CRSH-AGGREGATE-



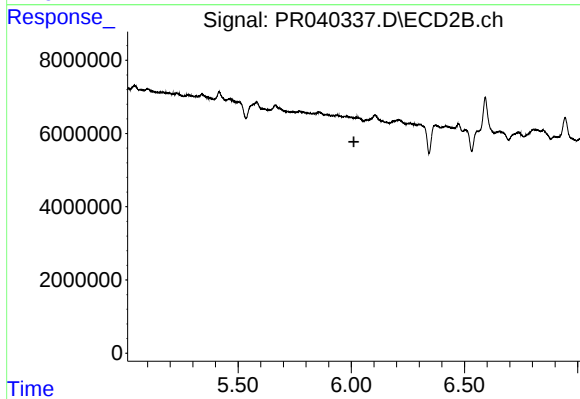
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T. : 5.927 min  
Response: 0  
Conc: N.D.



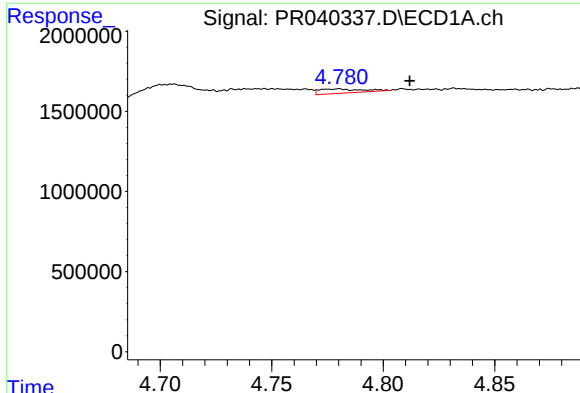
#15 AR-1232-5

R.T.: 5.247 min  
Delta R.T.: -0.012 min  
Response: 4120846  
Conc: 192.31 ng/ml



#15 AR-1232-5

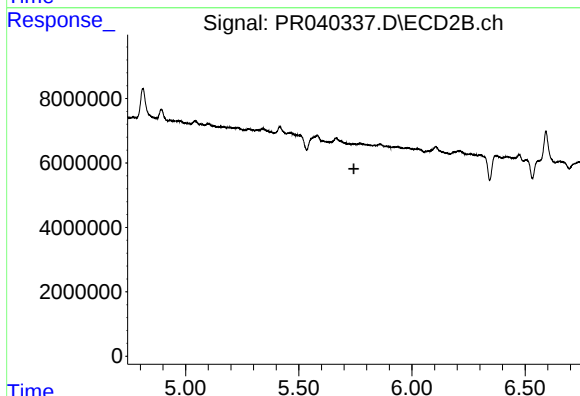
R.T.: 0.000 min  
Exp R.T. : 6.011 min  
Response: 0  
Conc: N.D.



#16 AR-1242-1

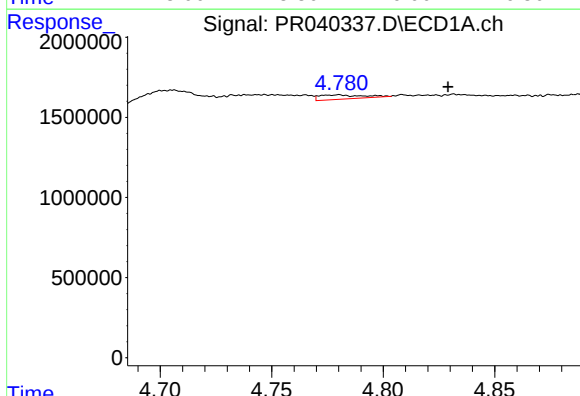
R.T.: 4.780 min  
Delta R.T.: -0.032 min  
Response: 359897  
Conc: 6.30 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
RECOVERED-CRSH-AGGREGATE-



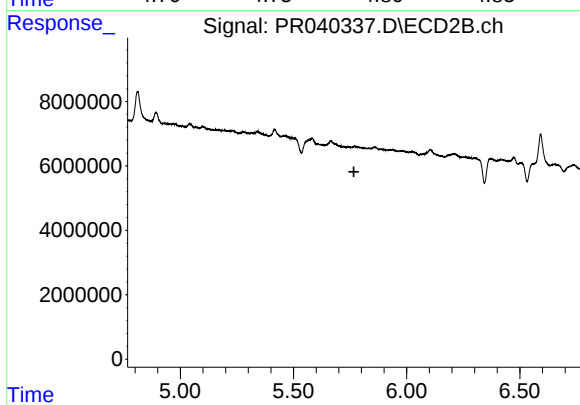
#16 AR-1242-1

R.T.: 0.000 min  
Exp R.T. : 5.743 min  
Response: 0  
Conc: N.D.



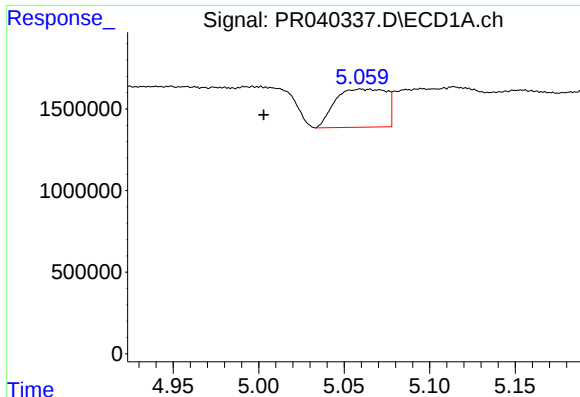
#17 AR-1242-2

R.T.: 4.780 min  
Delta R.T.: -0.049 min  
Response: 359897  
Conc: 3.80 ng/ml



#17 AR-1242-2

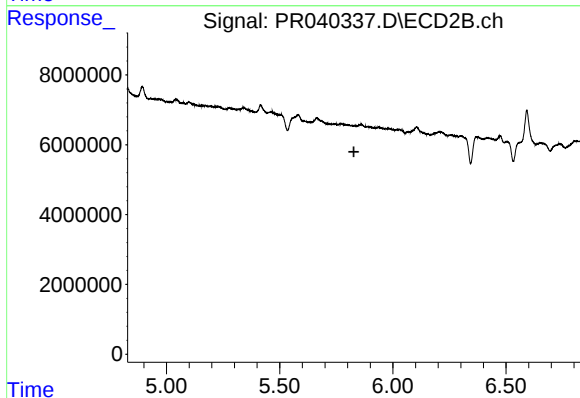
R.T.: 0.000 min  
Exp R.T. : 5.767 min  
Response: 0  
Conc: N.D.



#18 AR-1242-3

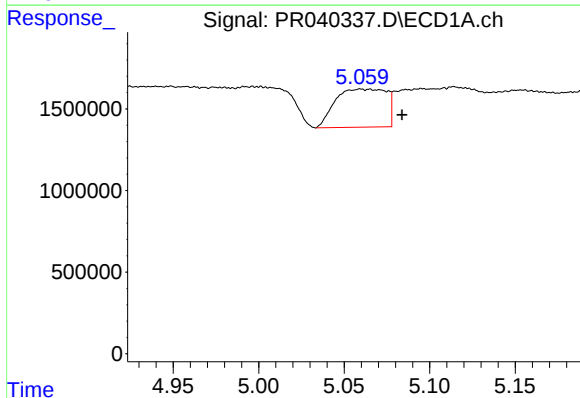
R.T.: 5.065 min  
Delta R.T.: 0.062 min  
Response: 4845281  
Conc: 106.99 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
RECOVERED-CRSH-AGGREGATE-



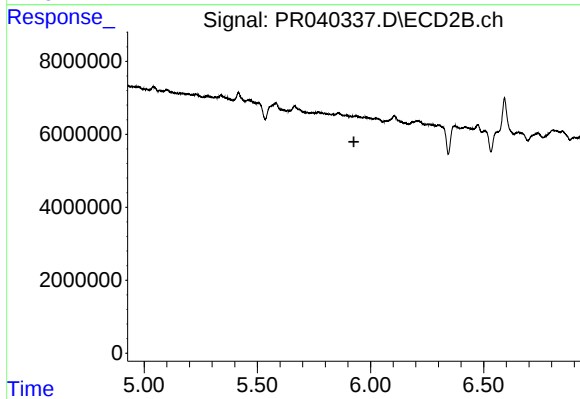
#18 AR-1242-3

R.T.: 0.000 min  
Exp R.T. : 5.828 min  
Response: 0  
Conc: N.D.



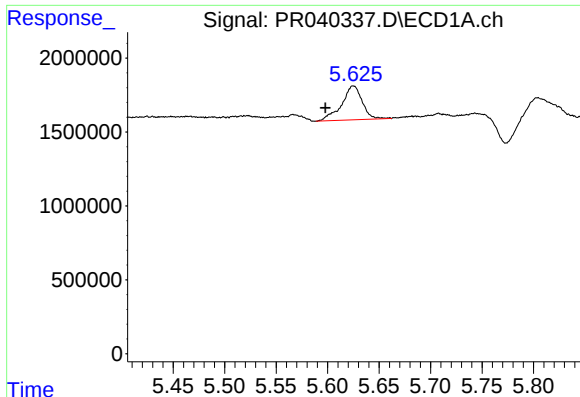
#19 AR-1242-4

R.T.: 5.065 min  
Delta R.T.: -0.019 min  
Response: 4845281  
Conc: 111.72 ng/ml



#19 AR-1242-4

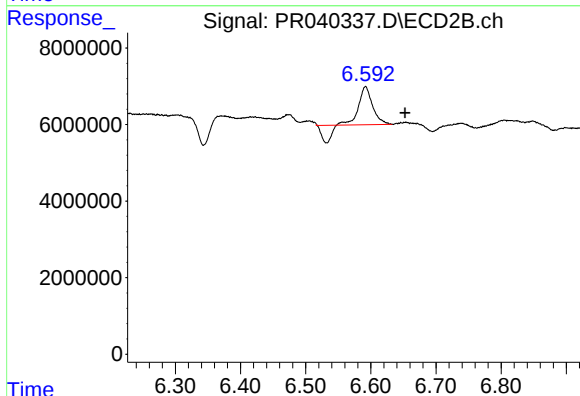
R.T.: 0.000 min  
Exp R.T. : 5.926 min  
Response: 0  
Conc: N.D.



#20 AR-1242-5

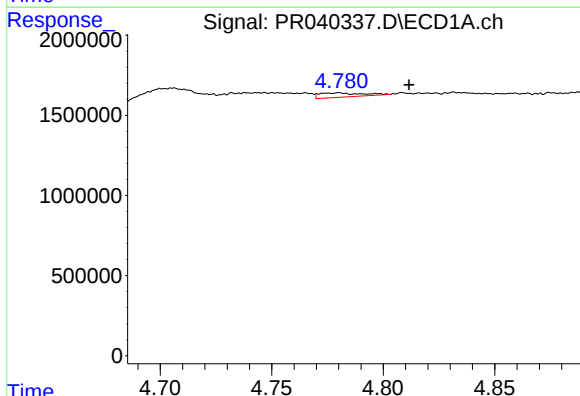
R.T.: 5.625 min  
Delta R.T.: 0.027 min  
Response: 3205671  
Conc: 56.06 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
RECOVERED-CRSH-AGGREGATE-



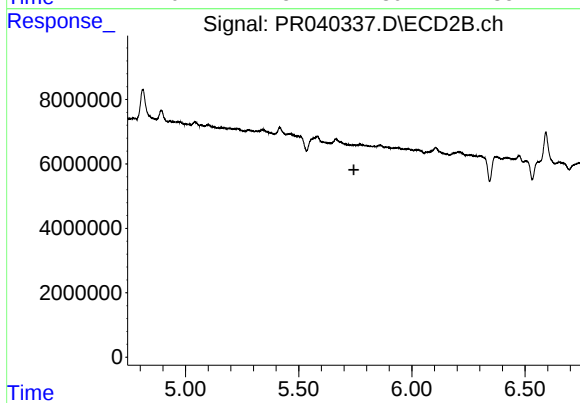
#20 AR-1242-5

R.T.: 6.592 min  
Delta R.T.: -0.060 min  
Response: 11078721  
Conc: 59.68 ng/ml



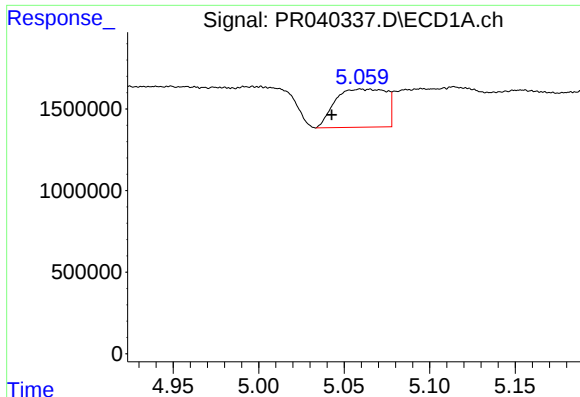
#21 AR-1248-1

R.T.: 4.780 min  
Delta R.T.: -0.031 min  
Response: 359897  
Conc: 7.90 ng/ml



#21 AR-1248-1

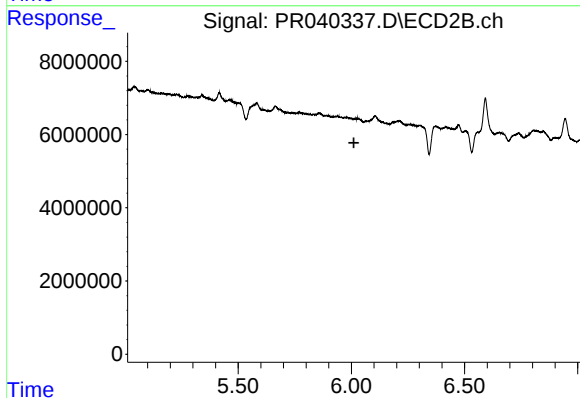
R.T.: 0.000 min  
Exp R.T.: 5.744 min  
Response: 0  
Conc: N.D.



#22 AR-1248-2

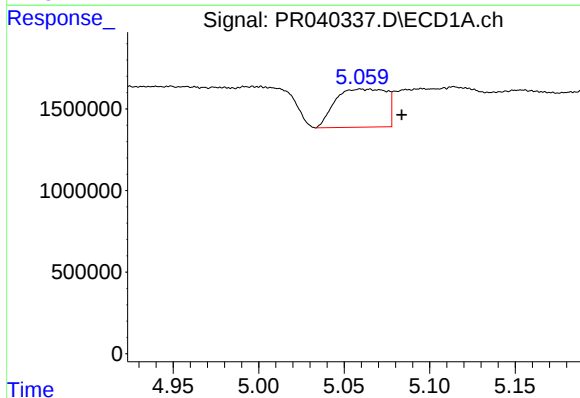
R.T.: 5.065 min  
Delta R.T.: 0.022 min  
Response: 4845281  
Conc: 78.34 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
RECOVERED-CRSH-AGGREGATE-



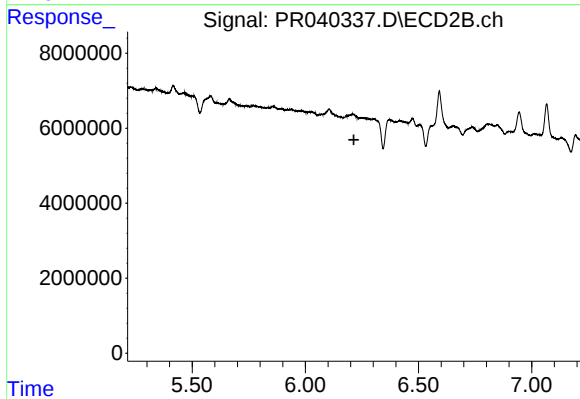
#22 AR-1248-2

R.T.: 0.000 min  
Exp R.T. : 6.011 min  
Response: 0  
Conc: N.D.



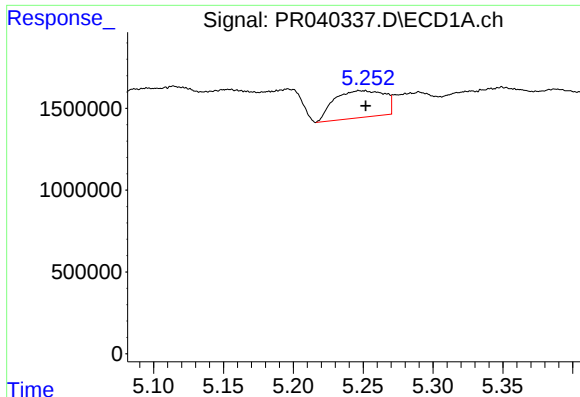
#23 AR-1248-3

R.T.: 5.065 min  
Delta R.T.: -0.019 min  
Response: 4845281  
Conc: 76.75 ng/ml



#23 AR-1248-3

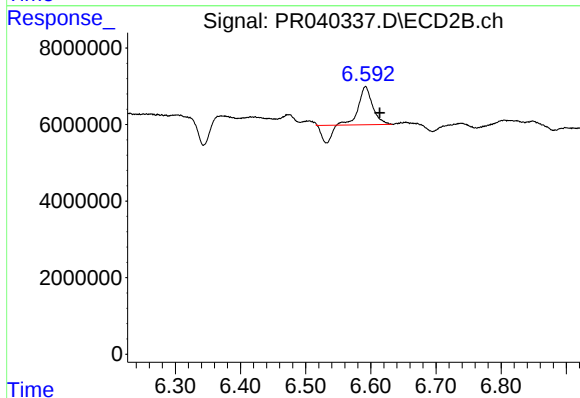
R.T.: 0.000 min  
Exp R.T. : 6.215 min  
Response: 0  
Conc: N.D.



#24 AR-1248-4

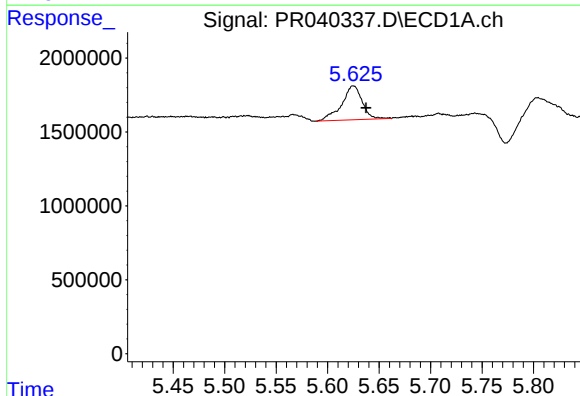
R.T.: 5.247 min  
Delta R.T.: -0.005 min  
Response: 4120846  
Conc: 53.46 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
RECOVERED-CRSH-AGGREGATE-



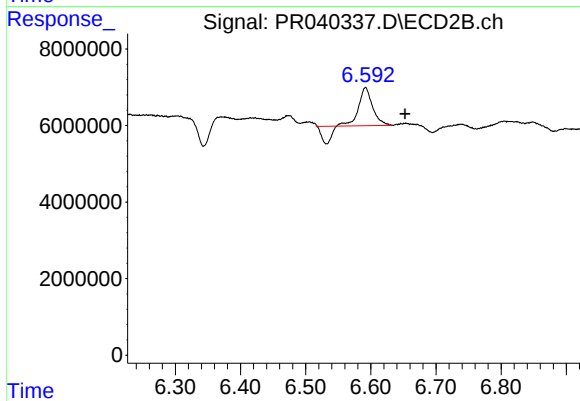
#24 AR-1248-4

R.T.: 6.592 min  
Delta R.T.: -0.022 min  
Response: 11078721  
Conc: 35.28 ng/ml



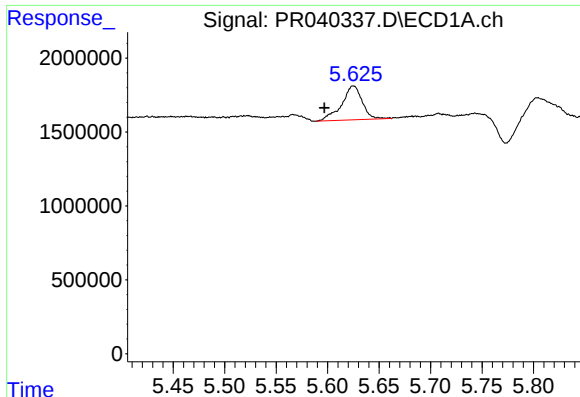
#25 AR-1248-5

R.T.: 5.625 min  
Delta R.T.: -0.012 min  
Response: 3205671  
Conc: 41.84 ng/ml



#25 AR-1248-5

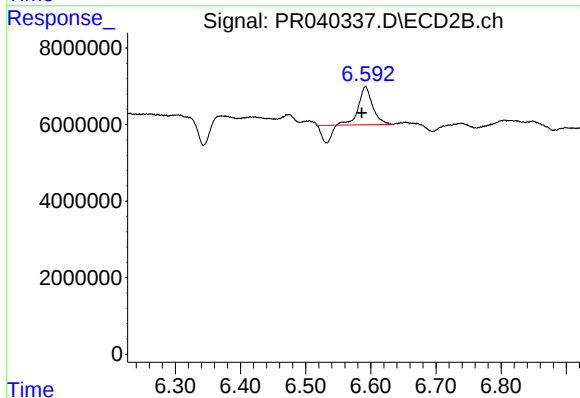
R.T.: 6.592 min  
Delta R.T.: -0.060 min  
Response: 11078721  
Conc: 37.38 ng/ml



#26 AR-1254-1

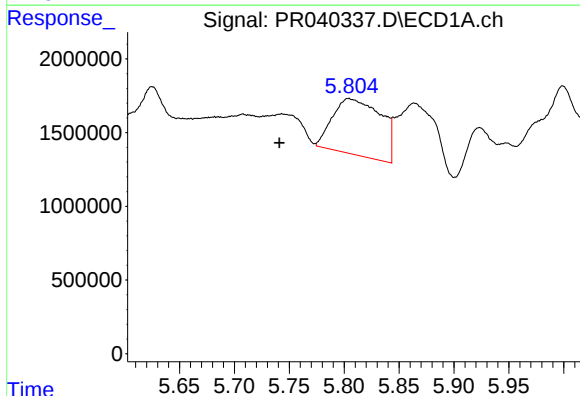
R.T.: 5.625 min  
Delta R.T.: 0.028 min  
Response: 3205671  
Conc: 20.29 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
RECOVERED-CRSH-AGGREGATE-



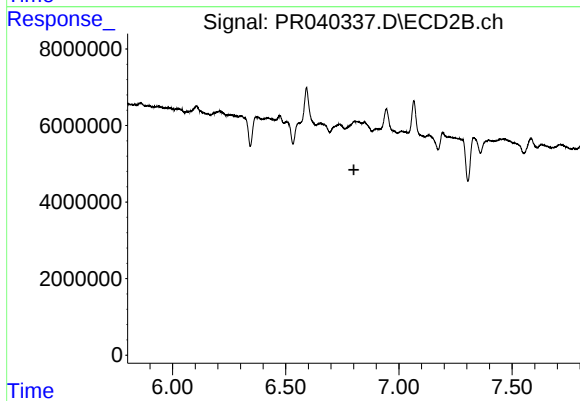
#26 AR-1254-1

R.T.: 6.592 min  
Delta R.T.: 0.006 min  
Response: 11078721  
Conc: 27.06 ng/ml



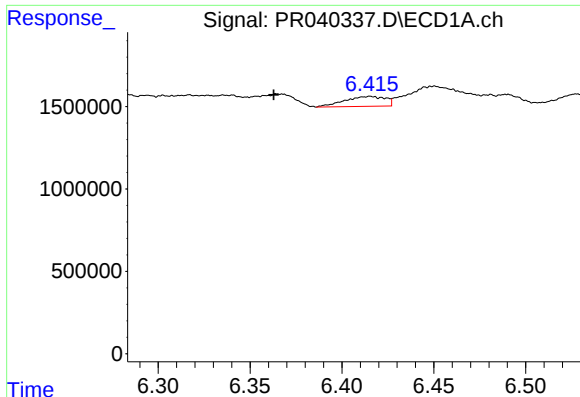
#27 AR-1254-2

R.T.: 5.804 min  
Delta R.T.: 0.063 min  
Response: 11724492  
Conc: 87.98 ng/ml



#27 AR-1254-2

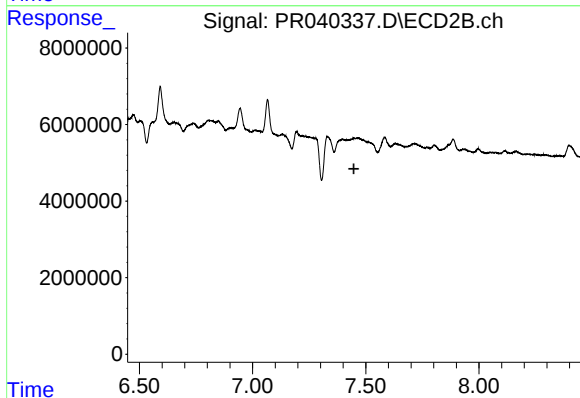
R.T.: 0.000 min  
Exp R.T.: 6.801 min  
Response: 0  
Conc: N.D.



#29 AR-1254-4

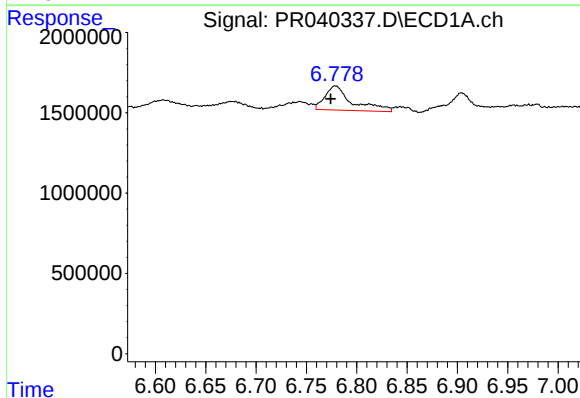
R.T.: 6.416 min  
Delta R.T.: 0.053 min  
Response: 927603  
Conc: 5.72 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
RECOVERED-CRSH-AGGREGATE-



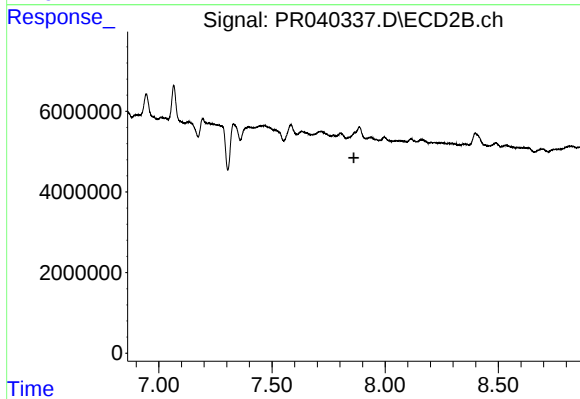
#29 AR-1254-4

R.T.: 0.000 min  
Exp R.T. : 7.448 min  
Response: 0  
Conc: N.D.



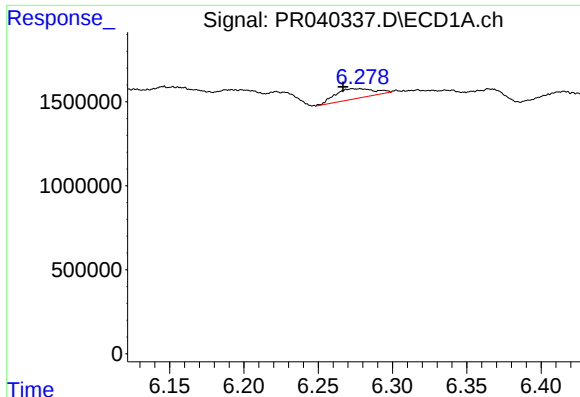
#30 AR-1254-5

R.T.: 6.779 min  
Delta R.T.: 0.005 min  
Response: 2836097  
Conc: 15.25 ng/ml



#30 AR-1254-5

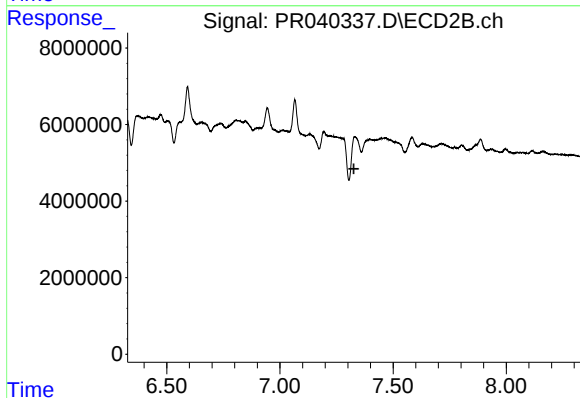
R.T.: 0.000 min  
Exp R.T. : 7.862 min  
Response: 0  
Conc: N.D.



#31 AR-1260-1

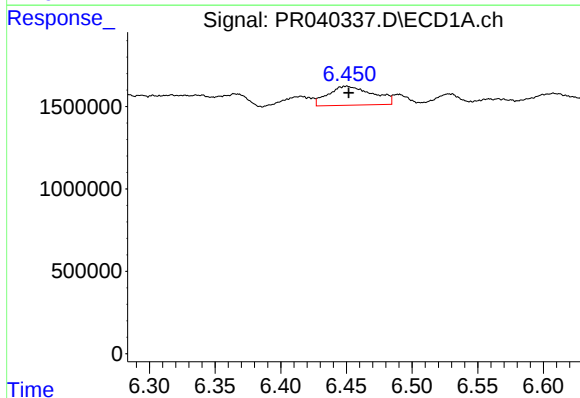
R.T.: 6.278 min  
Delta R.T.: 0.011 min  
Response: 1082262  
Conc: 9.41 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
RECOVERED-CRSH-AGGREGATE-



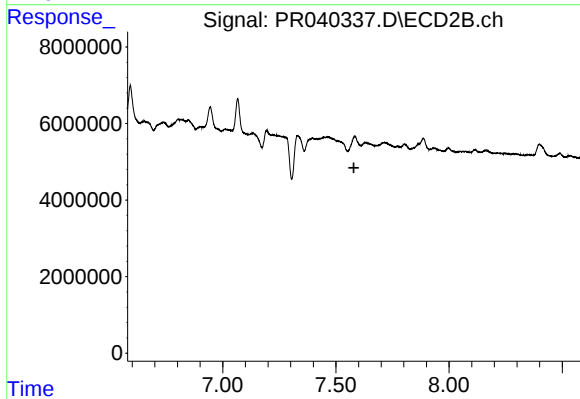
#31 AR-1260-1

R.T.: 7.330 min  
Delta R.T.: 0.003 min  
Response: -187947  
Conc: N.D.



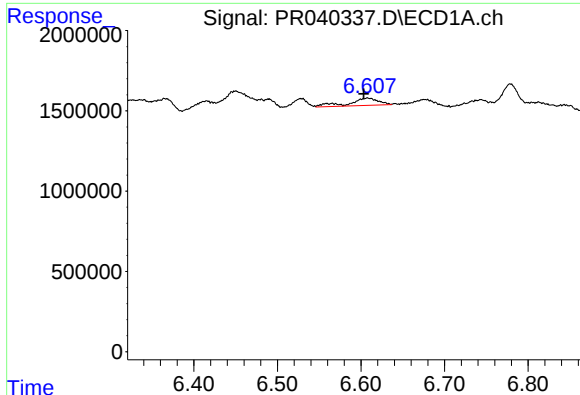
#32 AR-1260-2

R.T.: 6.450 min  
Delta R.T.: -0.001 min  
Response: 2721258  
Conc: 18.90 ng/ml



#32 AR-1260-2

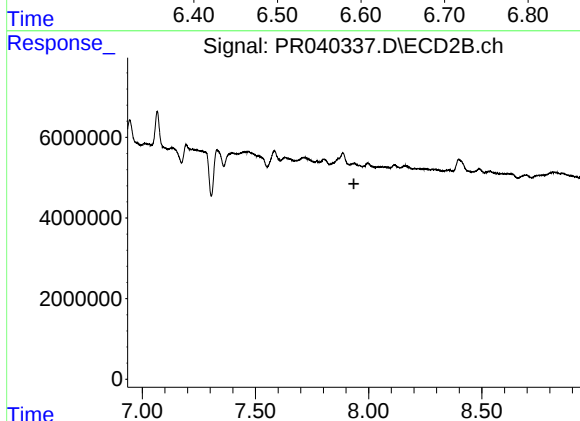
R.T.: 0.000 min  
Exp R.T.: 7.580 min  
Response: 0  
Conc: N.D.



#33 AR-1260-3

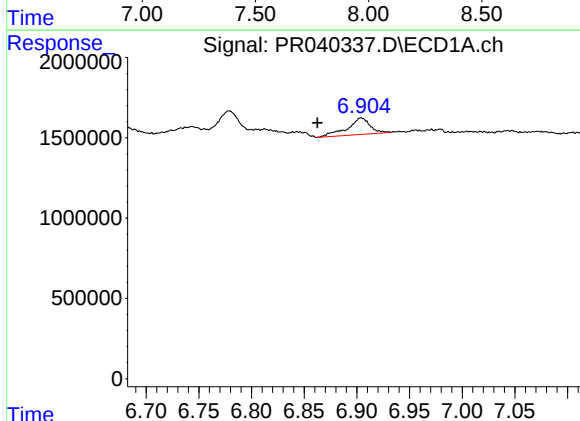
R.T.: 6.608 min  
Delta R.T.: 0.005 min  
Response: 1111491  
Conc: 8.23 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
RECOVERED-CRSH-AGGREGATE-



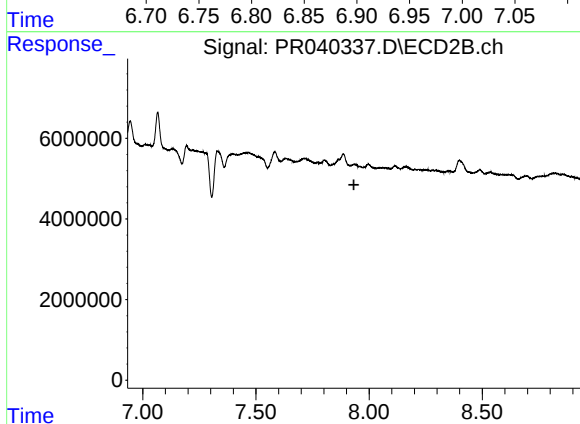
#33 AR-1260-3

R.T.: 0.000 min  
Exp R.T. : 7.935 min  
Response: 0  
Conc: N.D.



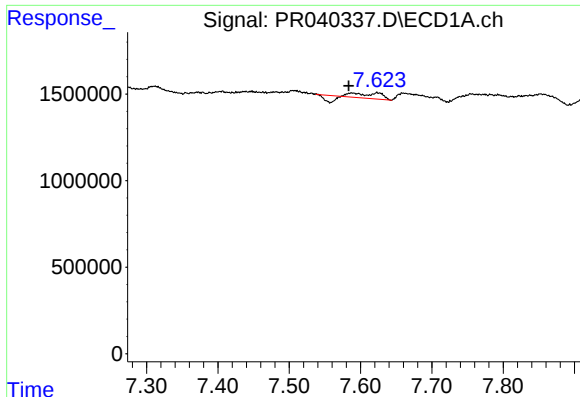
#36 AR-1262-1

R.T.: 6.904 min  
Delta R.T.: 0.041 min  
Response: 1532581  
Conc: 25.31 ng/ml



#36 AR-1262-1

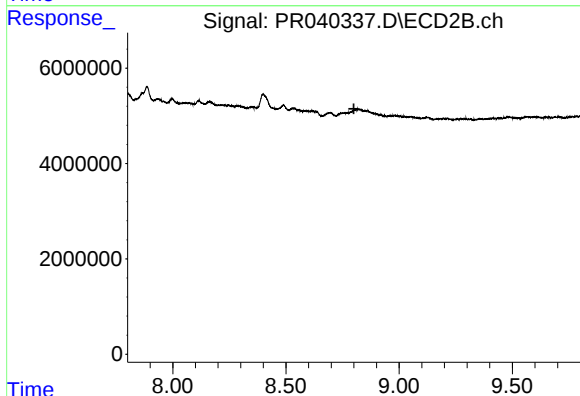
R.T.: 0.000 min  
Exp R.T. : 7.933 min  
Response: 0  
Conc: N.D.



#38 AR-1262-3

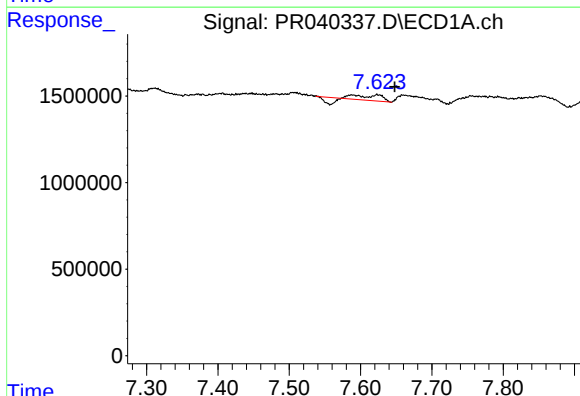
R.T.: 7.623 min  
Delta R.T.: 0.040 min  
Response: 479357  
Conc: 4.35 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
RECOVERED-CRSH-AGGREGATE-



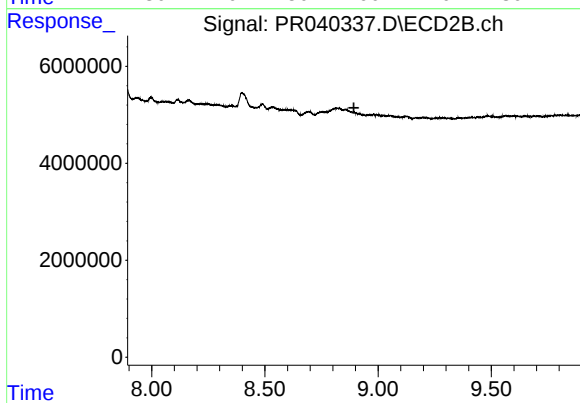
#38 AR-1262-3

R.T.: 0.000 min  
Exp R.T. : 8.800 min  
Response: 0  
Conc: N.D.



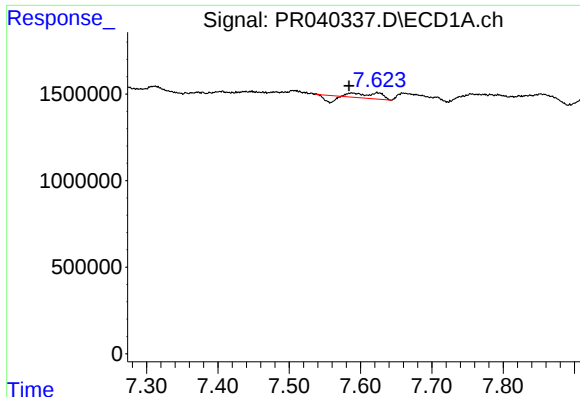
#39 AR-1262-4

R.T.: 7.623 min  
Delta R.T.: -0.025 min  
Response: 479357  
Conc: 2.28 ng/ml



#39 AR-1262-4

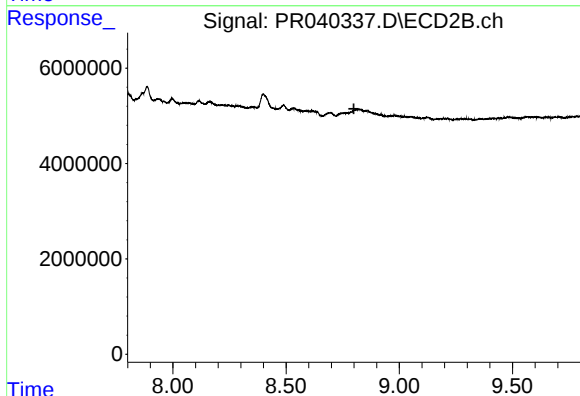
R.T.: 0.000 min  
Exp R.T. : 8.893 min  
Response: 0  
Conc: N.D.



#41 AR-1268-1

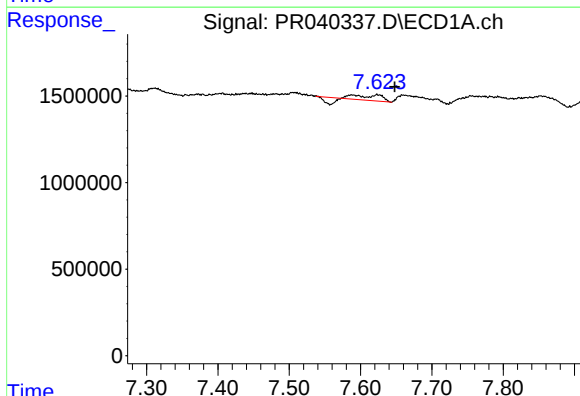
R.T.: 7.623 min  
Delta R.T.: 0.040 min  
Response: 479357  
Conc: 1.16 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
RECOVERED-CRSH-AGGREGATE-



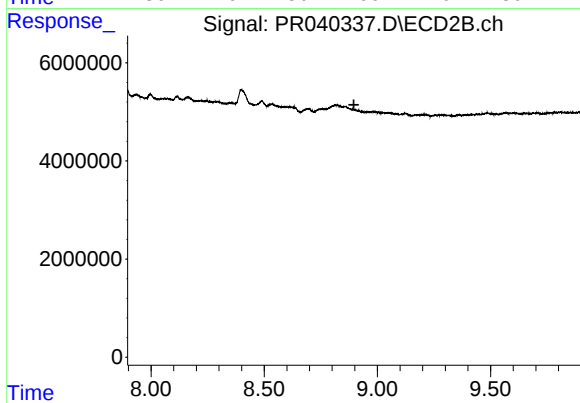
#41 AR-1268-1

R.T.: 0.000 min  
Exp R.T. : 8.799 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

R.T.: 7.623 min  
Delta R.T.: -0.025 min  
Response: 479357  
Conc: 1.25 ng/ml



#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T. : 8.896 min  
Response: 0  
Conc: N.D.