

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR110619\  
 Data File : PR042837.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 Nov 2019 09:16  
 Operator : SM\AJ  
 Sample : K5676-01  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_R  
 ClientSampleId :  
 SU-02-110119

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 05 11:56:48 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR110119.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Nov 01 09:55:27 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... | 4.710  | 3.971 | 91482155 | 322.8E6  | 15.520   | 16.100    |
| 2)                          | SA Decachlor... | 10.622 | 9.070 | 39839891 | 95974047 | 9.955    | 7.638     |
| Target Compounds            |                 |        |       |          |          |          |           |
| 3)                          | L1 AR-1016-1    | 5.907  | 5.053 | 7676462  | 6148661  | 42.789   | 10.599 #  |
| 4)                          | L1 AR-1016-2    | 5.907  | 5.079 | 7676462  | 16986494 | 30.806   | 21.675 #  |
| 5)                          | L1 AR-1016-3    | 5.986  | 5.249 | 10852555 | 16682378 | 72.160   | 45.371 #  |
| 6)                          | L1 AR-1016-4    | 6.091  | 5.304 | 12908708 | 24239253 | 102.859  | 88.419    |
| 7)                          | L1 AR-1016-5    | 6.369  | 0.000 | 11057021 | 0        | 89.286   | N.D. #    |
| 9)                          | L2 AR-1221-2    | 5.022  | 4.320 | 1343844  | 92821135 | 36.126   | 701.871 # |
| 10)                         | L2 AR-1221-3    | 5.099  | 4.346 | 201.8E6  | 629.7E6  | 1746.629 | 1522.526  |
| 11)                         | L3 AR-1232-1    | 5.099  | 4.346 | 201.8E6  | 629.7E6  | 1262.754 | 1090.974  |
| 12)                         | L3 AR-1232-2    | 5.602  | 5.079 | 26783555 | 16986494 | 317.002  | 30.939 #  |
| 13)                         | L3 AR-1232-3    | 5.907  | 5.249 | 7676462  | 16682378 | 44.576   | 64.475 #  |
| 14)                         | L3 AR-1232-4    | 6.091  | 5.304 | 12908708 | 24239253 | 150.951  | 120.634   |
| 15)                         | L3 AR-1232-5    | 6.148  | 0.000 | 7092186  | 0        | 109.496  | N.D. #    |
| 16)                         | L4 AR-1242-1    | 5.907  | 5.053 | 7676462  | 6148661  | 60.214   | 14.737 #  |
| 17)                         | L4 AR-1242-2    | 5.907  | 5.079 | 7676462  | 16986494 | 42.793   | 30.178 #  |
| 18)                         | L4 AR-1242-3    | 5.986  | 5.249 | 10852555 | 16682378 | 100.428  | 61.420 #  |
| 19)                         | L4 AR-1242-4    | 6.091  | 5.304 | 12908708 | 24239253 | 143.234  | 102.848 # |
| 20)                         | L4 AR-1242-5    | 6.792  | 0.000 | 3477538  | 0        | 34.788   | N.D. #    |
| 21)                         | L5 AR-1248-1    | 5.907  | 5.053 | 7676462  | 6148661  | 80.912   | 19.462 #  |
| 22)                         | L5 AR-1248-2    | 6.148  | 5.304 | 7092186  | 24239253 | 53.816   | 73.039 #  |
| 23)                         | L5 AR-1248-3    | 6.369  | 5.304 | 11057021 | 24239253 | 74.663   | 73.865    |
| 24)                         | L5 AR-1248-4    | 6.792  | 0.000 | 3477538  | 0        | 20.365   | N.D. #    |
| 25)                         | L5 AR-1248-5    | 6.792  | 0.000 | 3477538  | 0        | 21.444   | N.D. #    |
| 26)                         | L6 AR-1254-1    | 6.747  | 0.000 | 5005810  | 0        | 26.817   | N.D. #    |
| 27)                         | L6 AR-1254-2    | 6.963  | 6.088 | 1587425  | 34012912 | 5.438    | 58.218 #  |
| 28)                         | L6 AR-1254-3    | 7.345  | 0.000 | 6657135  | 0        | 21.138   | N.D. #    |
| 29)                         | L6 AR-1254-4    | 7.565  | 6.604 | 412480   | 4080491  | 1.760    | 5.351 #   |
| 30)                         | L6 AR-1254-5    | 8.039  | 0.000 | 3114266  | 0        | 12.387   | N.D. #    |
| 31)                         | L7 AR-1260-1    | 7.494  | 6.562 | 1720014  | 6934187  | 8.273    | 11.441 #  |
| 32)                         | L7 AR-1260-2    | 7.744  | 6.811 | 5501137  | 6938570  | 22.501   | 8.024 #   |
| 33)                         | L7 AR-1260-3    | 8.164  | 0.000 | 1151557  | 0        | 6.370    | N.D. #    |
| 36)                         | L8 AR-1262-1    | 8.164  | 0.000 | 1151557  | 0        | 3.902    | N.D. #    |
| -----                       |                 |        |       |          |          |          |           |

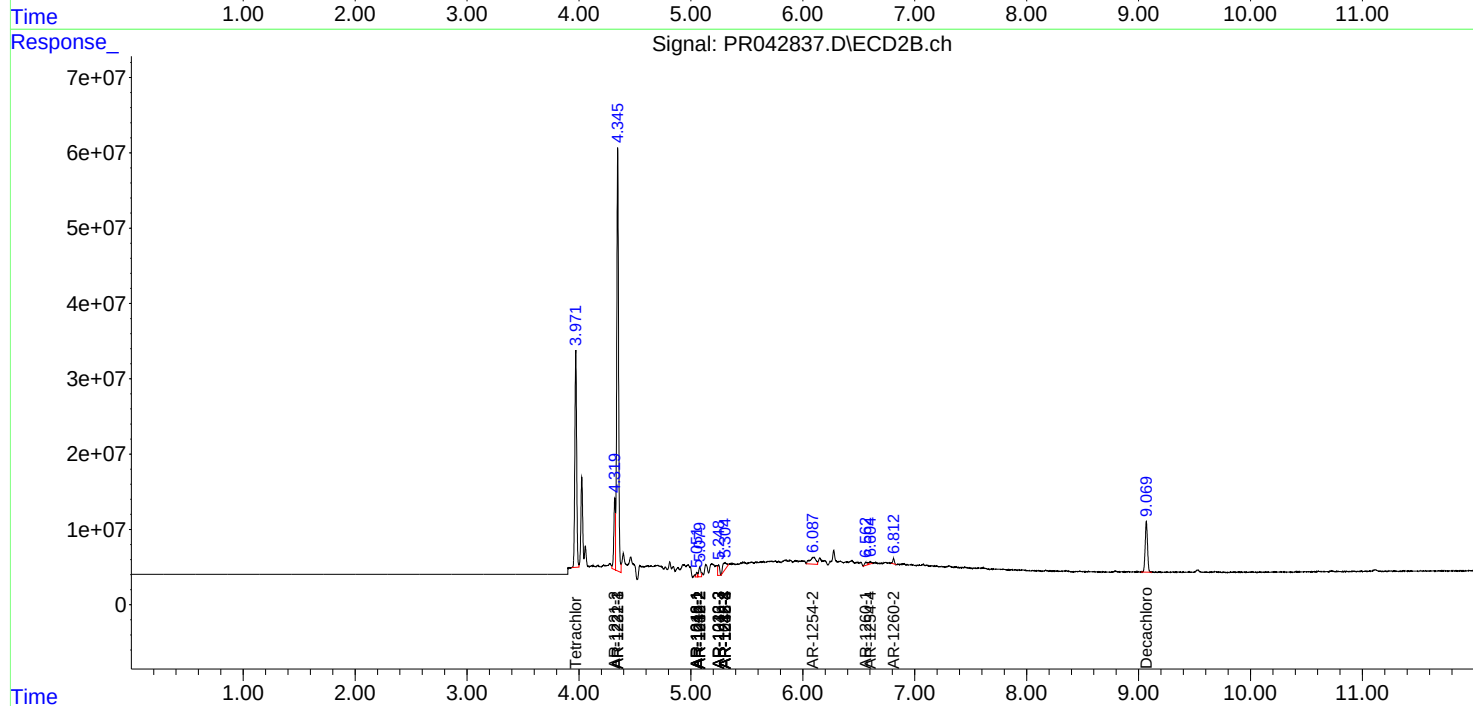
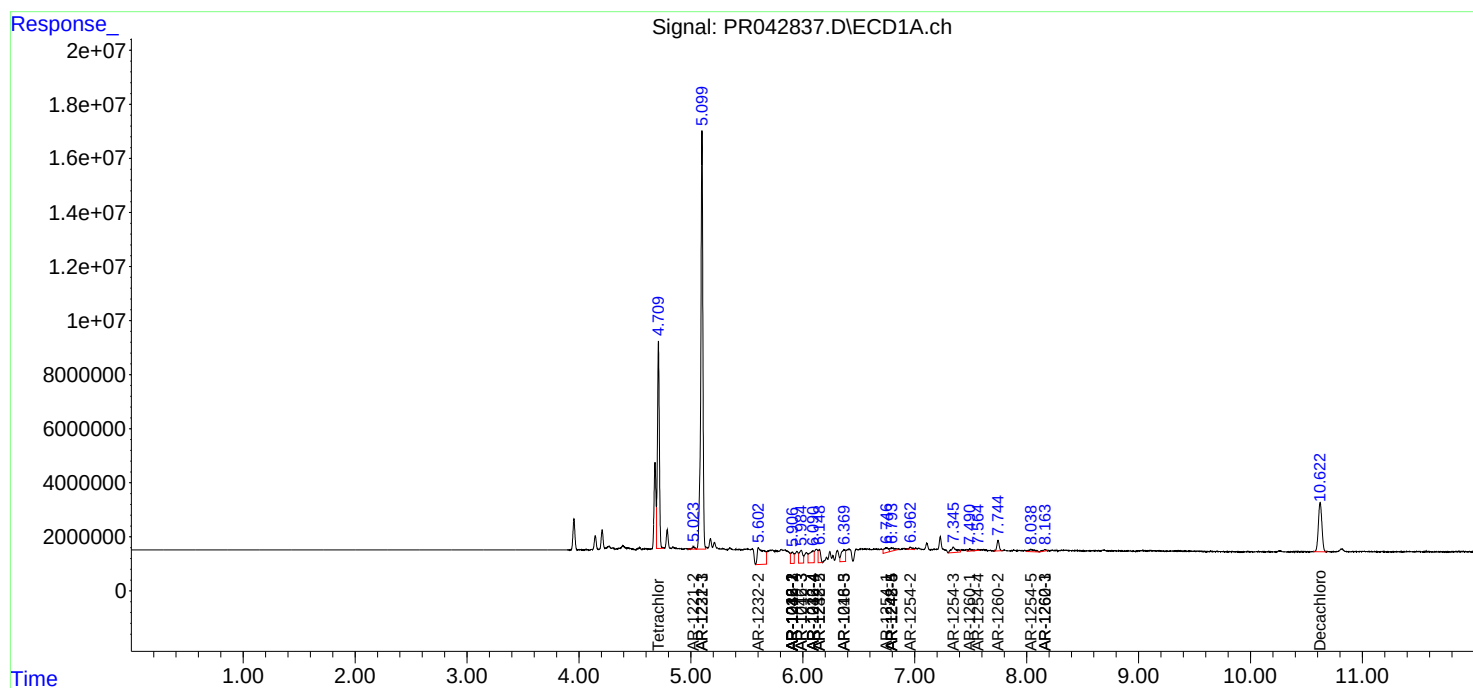
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

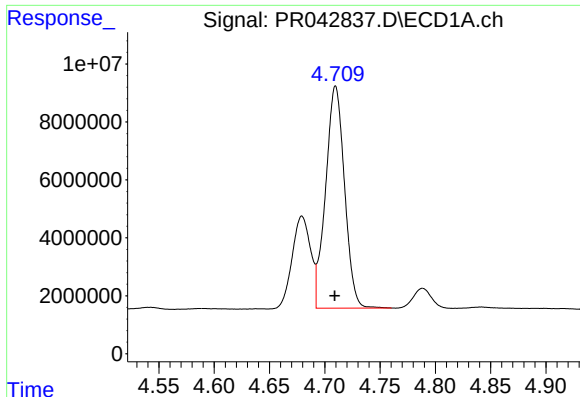
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR110619\  
Data File : PR042837.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 05 Nov 2019 09:16  
Operator : SM\AJ  
Sample : K5676-01  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_R  
ClientSampled :  
SU-02-110119

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 05 11:56:48 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR110119.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Nov 01 09:55:27 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

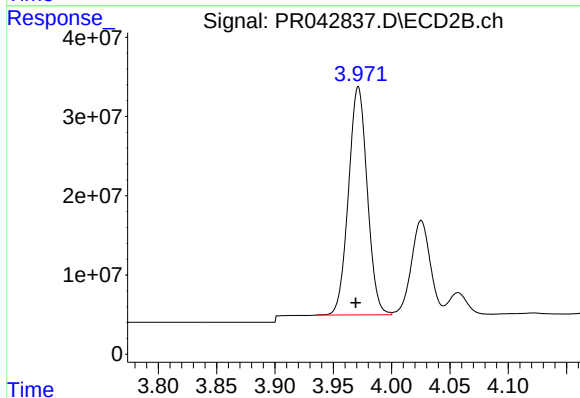




#1 Tetrachloro-m-xylene

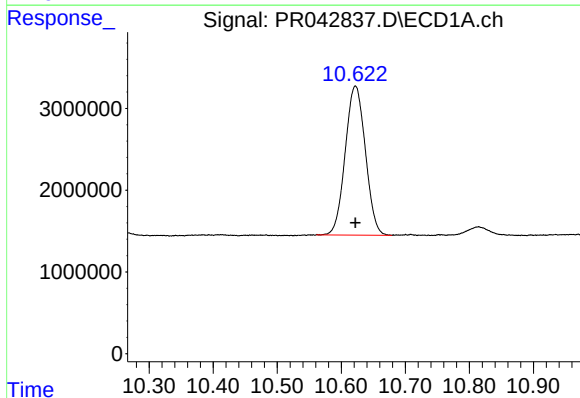
R.T.: 4.710 min  
Delta R.T.: 0.000 min  
Response: 91482155  
Conc: 15.52 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
SU-02-110119



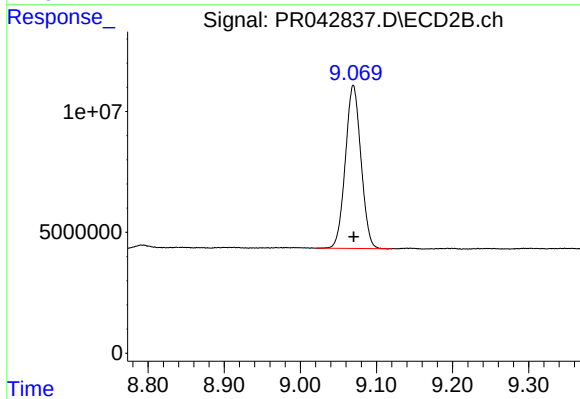
#1 Tetrachloro-m-xylene

R.T.: 3.971 min  
Delta R.T.: 0.002 min  
Response: 322813636  
Conc: 16.10 ng/ml



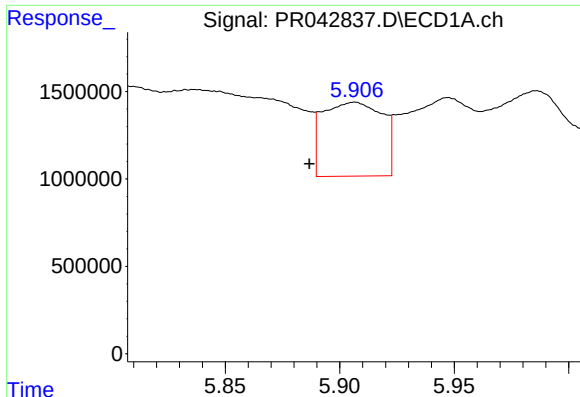
#2 Decachlorobiphenyl

R.T.: 10.622 min  
Delta R.T.: 0.000 min  
Response: 39839891  
Conc: 9.96 ng/ml



#2 Decachlorobiphenyl

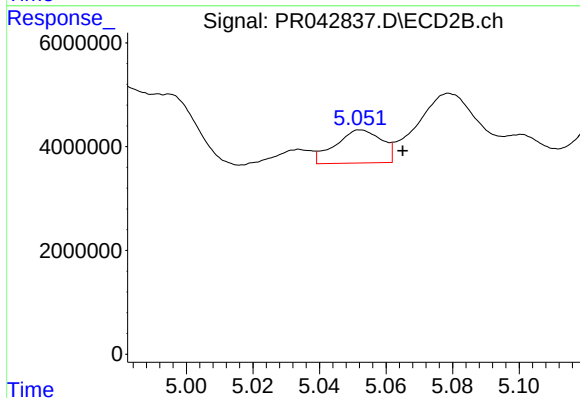
R.T.: 9.070 min  
Delta R.T.: 0.000 min  
Response: 95974047  
Conc: 7.64 ng/ml



#3 AR-1016-1

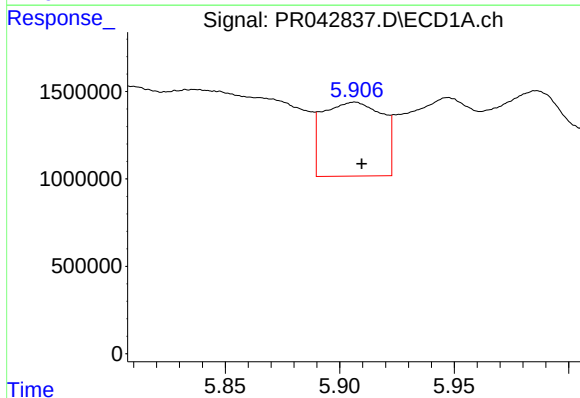
R.T.: 5.907 min  
Delta R.T.: 0.020 min  
Response: 7676462  
Conc: 42.79 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
SU-02-110119



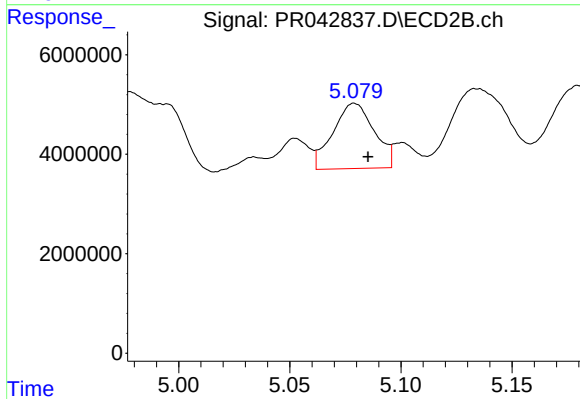
#3 AR-1016-1

R.T.: 5.053 min  
Delta R.T.: -0.012 min  
Response: 6148661  
Conc: 10.60 ng/ml



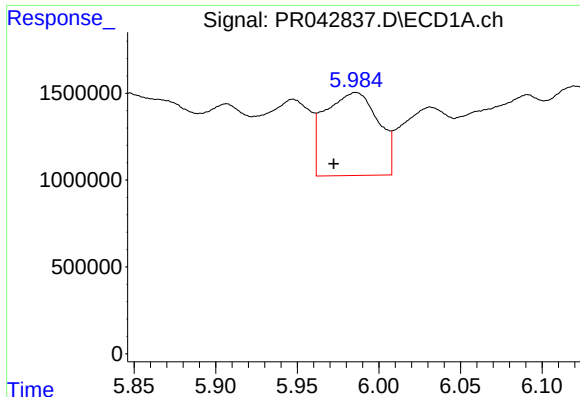
#4 AR-1016-2

R.T.: 5.907 min  
Delta R.T.: -0.003 min  
Response: 7676462  
Conc: 30.81 ng/ml



#4 AR-1016-2

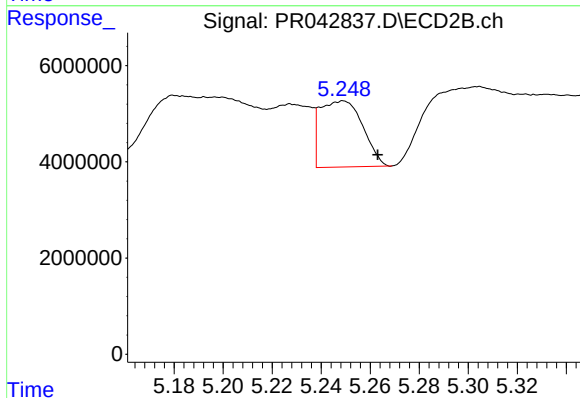
R.T.: 5.079 min  
Delta R.T.: -0.006 min  
Response: 16986494  
Conc: 21.68 ng/ml



#5 AR-1016-3

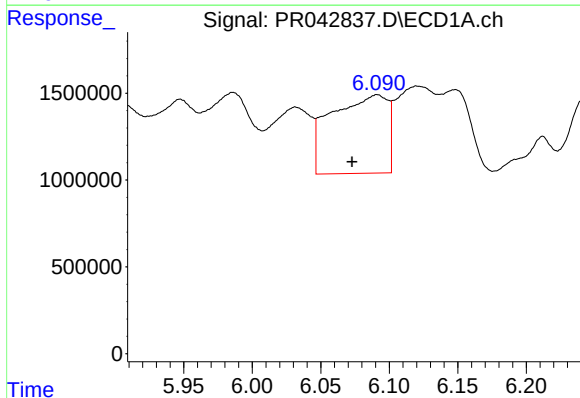
R.T.: 5.986 min  
Delta R.T.: 0.014 min  
Response: 10852555  
Conc: 72.16 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
SU-02-110119



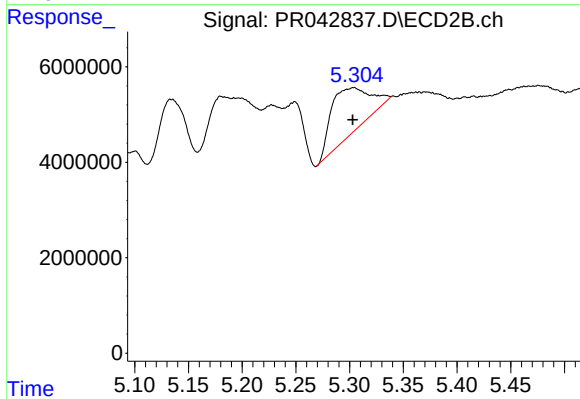
#5 AR-1016-3

R.T.: 5.249 min  
Delta R.T.: -0.014 min  
Response: 16682378  
Conc: 45.37 ng/ml



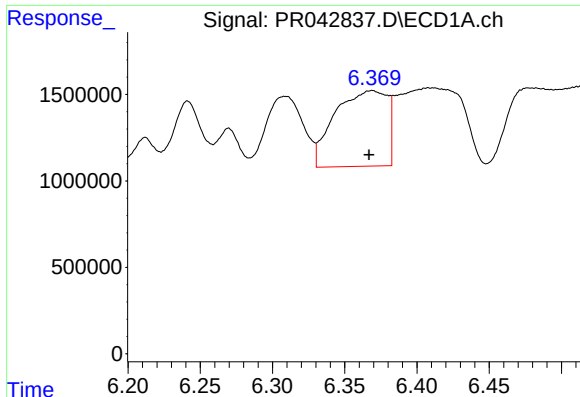
#6 AR-1016-4

R.T.: 6.091 min  
Delta R.T.: 0.018 min  
Response: 12908708  
Conc: 102.86 ng/ml



#6 AR-1016-4

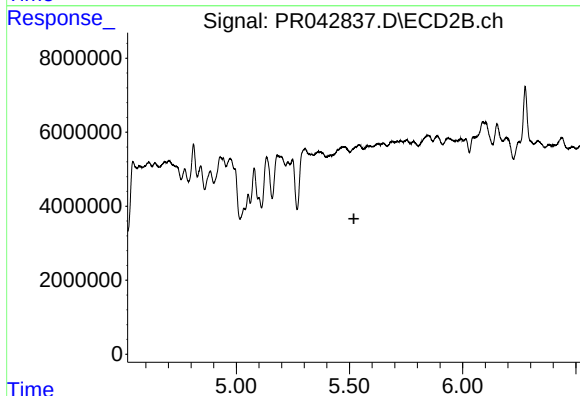
R.T.: 5.304 min  
Delta R.T.: 0.001 min  
Response: 24239253  
Conc: 88.42 ng/ml



#7 AR-1016-5

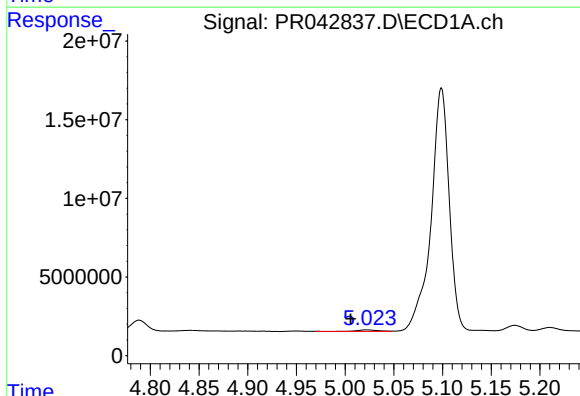
R.T.: 6.369 min  
Delta R.T.: 0.002 min  
Response: 11057021  
Conc: 89.29 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
SU-02-110119



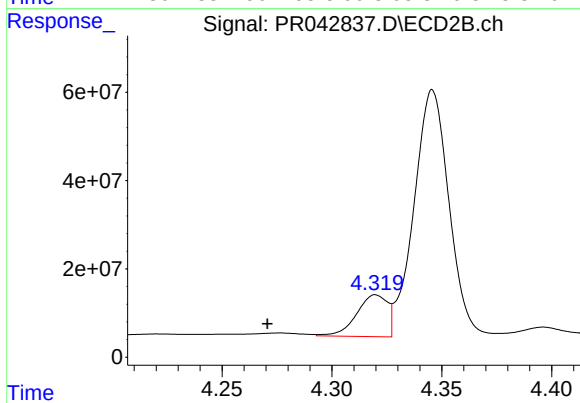
#7 AR-1016-5

R.T.: 0.000 min  
Exp R.T.: 5.520 min  
Response: 0  
Conc: N.D.



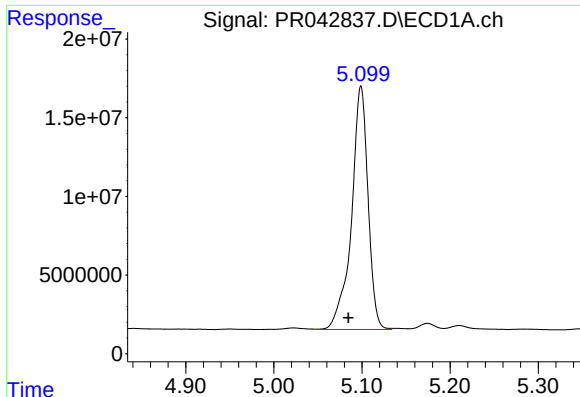
#9 AR-1221-2

R.T.: 5.022 min  
Delta R.T.: 0.017 min  
Response: 1343844  
Conc: 36.13 ng/ml



#9 AR-1221-2

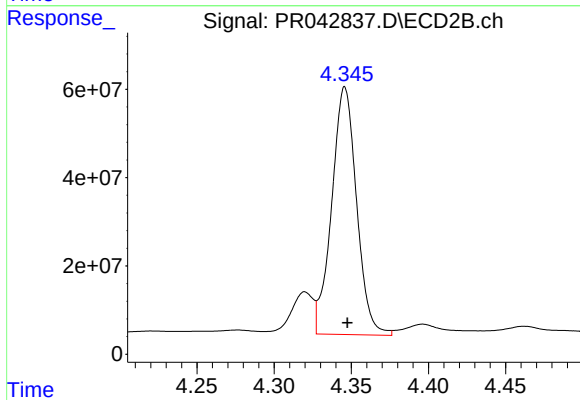
R.T.: 4.320 min  
Delta R.T.: 0.049 min  
Response: 92821135  
Conc: 701.87 ng/ml



#10 AR-1221-3

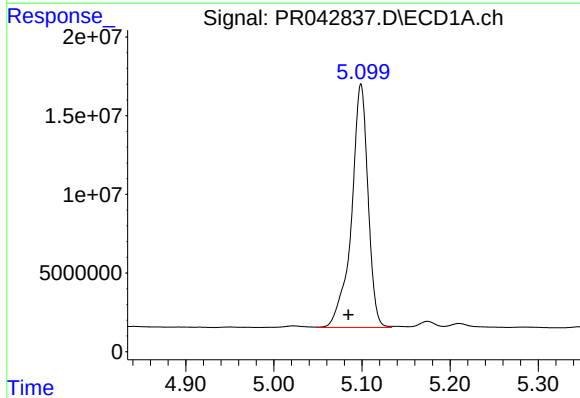
R.T.: 5.099 min  
Delta R.T.: 0.014 min  
Response: 201757160  
Conc: 1746.63 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
SU-02-110119



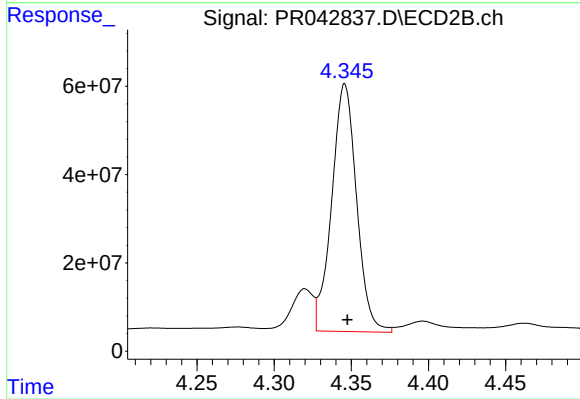
#10 AR-1221-3

R.T.: 4.346 min  
Delta R.T.: -0.002 min  
Response: 629706809  
Conc: 1522.53 ng/ml



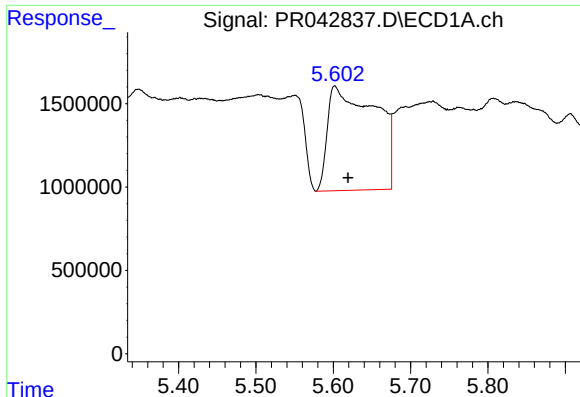
#11 AR-1232-1

R.T.: 5.099 min  
Delta R.T.: 0.014 min  
Response: 201757160  
Conc: 1262.75 ng/ml



#11 AR-1232-1

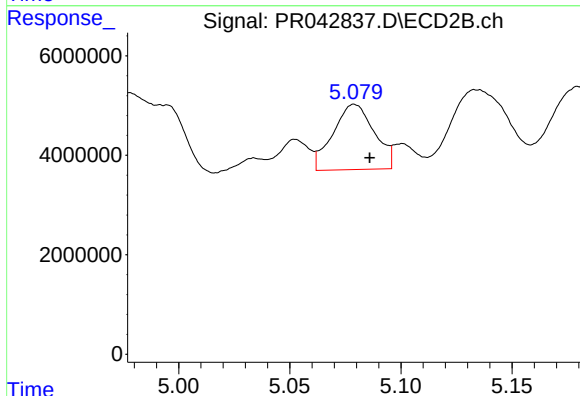
R.T.: 4.346 min  
Delta R.T.: -0.002 min  
Response: 629706809  
Conc: 1090.97 ng/ml



#12 AR-1232-2

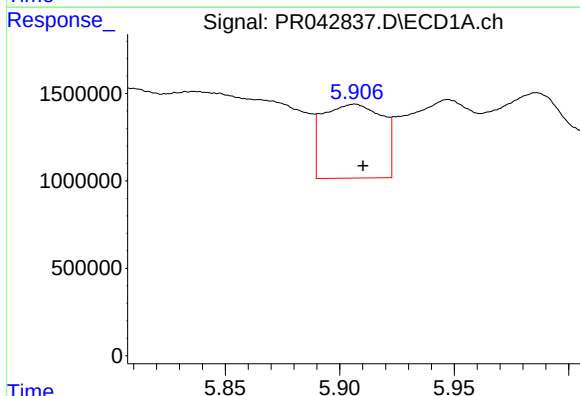
R.T.: 5.602 min  
Delta R.T.: -0.017 min  
Response: 26783555  
Conc: 317.00 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
SU-02-110119



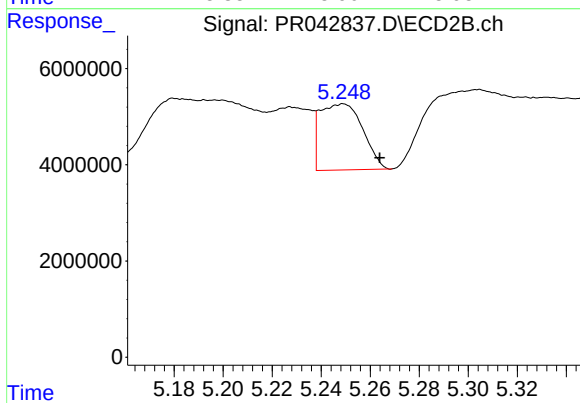
#12 AR-1232-2

R.T.: 5.079 min  
Delta R.T.: -0.007 min  
Response: 16986494  
Conc: 30.94 ng/ml



#13 AR-1232-3

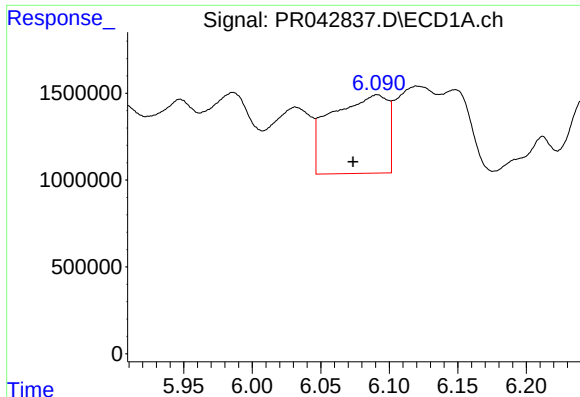
R.T.: 5.907 min  
Delta R.T.: -0.004 min  
Response: 7676462  
Conc: 44.58 ng/ml



#13 AR-1232-3

R.T.: 5.249 min  
Delta R.T.: -0.015 min  
Response: 16682378  
Conc: 64.47 ng/ml

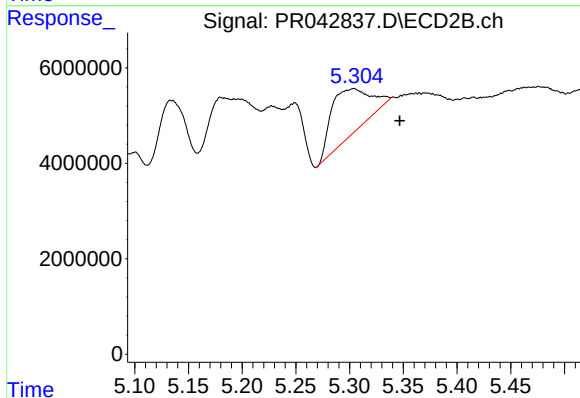




#14 AR-1232-4

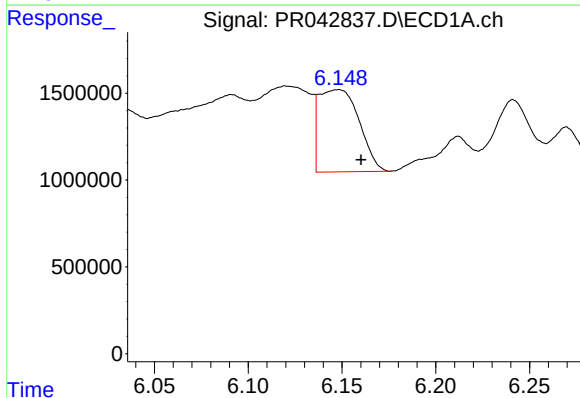
R.T.: 6.091 min  
Delta R.T.: 0.018 min  
Response: 12908708  
Conc: 150.95 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
SU-02-110119



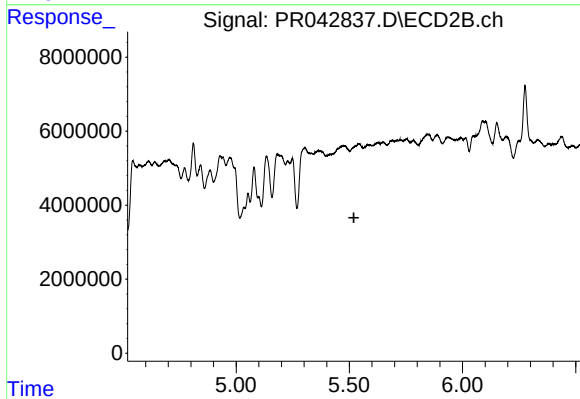
#14 AR-1232-4

R.T.: 5.304 min  
Delta R.T.: -0.043 min  
Response: 24239253  
Conc: 120.63 ng/ml



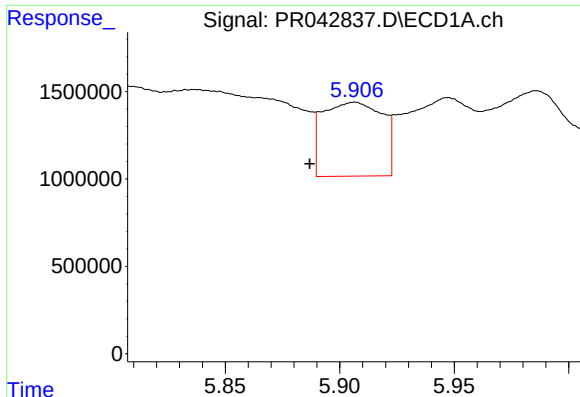
#15 AR-1232-5

R.T.: 6.148 min  
Delta R.T.: -0.012 min  
Response: 7092186  
Conc: 109.50 ng/ml



#15 AR-1232-5

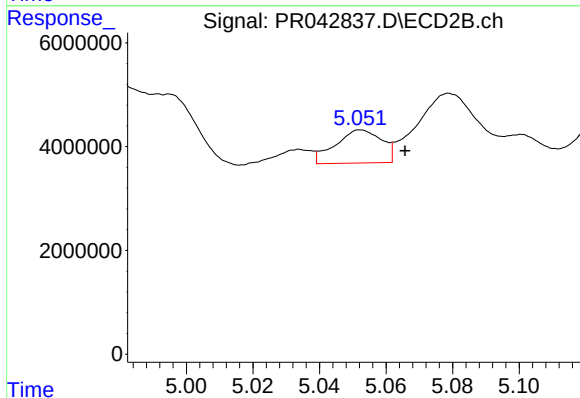
R.T.: 0.000 min  
Exp R.T.: 5.520 min  
Response: 0  
Conc: N.D.



#16 AR-1242-1

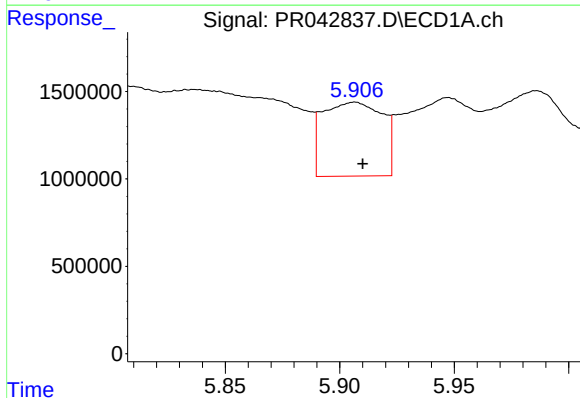
R.T.: 5.907 min  
Delta R.T.: 0.020 min  
Response: 7676462  
Conc: 60.21 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
SU-02-110119



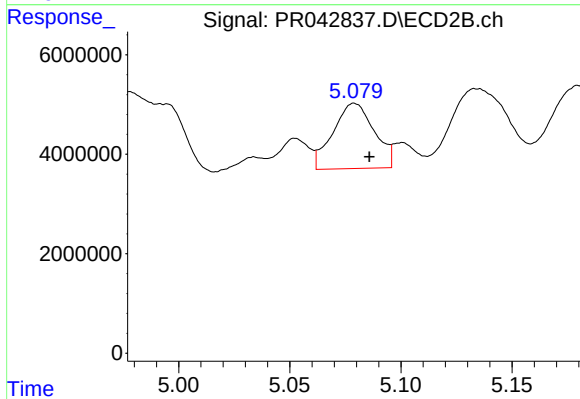
#16 AR-1242-1

R.T.: 5.053 min  
Delta R.T.: -0.013 min  
Response: 6148661  
Conc: 14.74 ng/ml



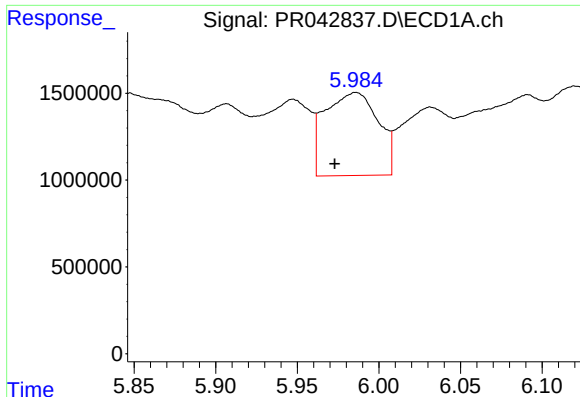
#17 AR-1242-2

R.T.: 5.907 min  
Delta R.T.: -0.004 min  
Response: 7676462  
Conc: 42.79 ng/ml



#17 AR-1242-2

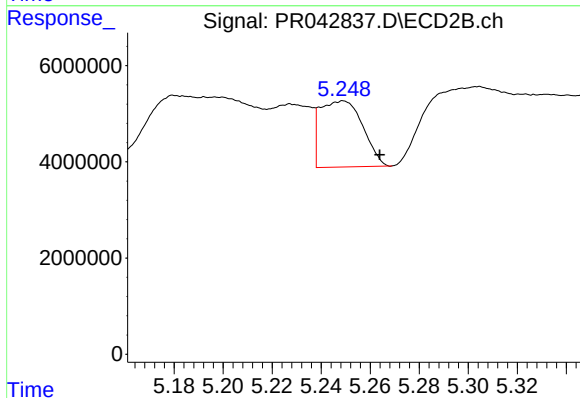
R.T.: 5.079 min  
Delta R.T.: -0.007 min  
Response: 16986494  
Conc: 30.18 ng/ml



#18 AR-1242-3

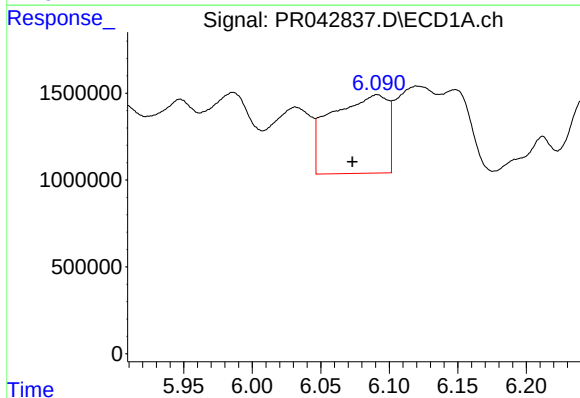
R.T.: 5.986 min  
Delta R.T.: 0.013 min  
Response: 10852555  
Conc: 100.43 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
SU-02-110119



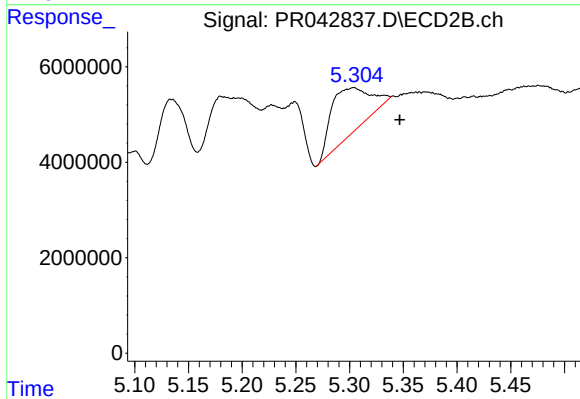
#18 AR-1242-3

R.T.: 5.249 min  
Delta R.T.: -0.015 min  
Response: 16682378  
Conc: 61.42 ng/ml



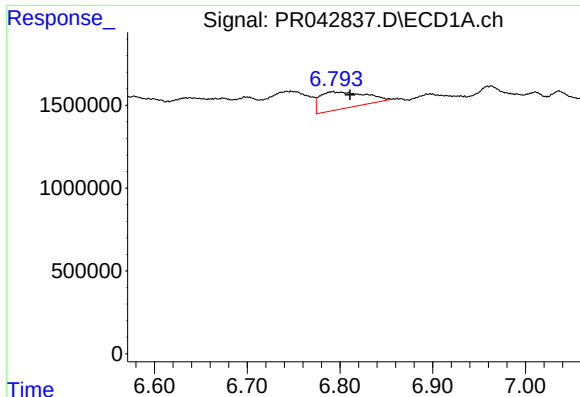
#19 AR-1242-4

R.T.: 6.091 min  
Delta R.T.: 0.018 min  
Response: 12908708  
Conc: 143.23 ng/ml



#19 AR-1242-4

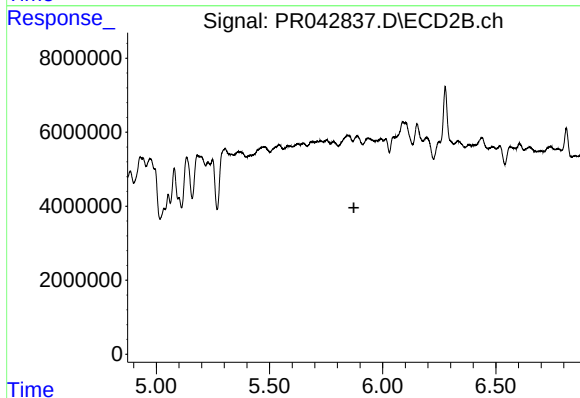
R.T.: 5.304 min  
Delta R.T.: -0.043 min  
Response: 24239253  
Conc: 102.85 ng/ml



#20 AR-1242-5

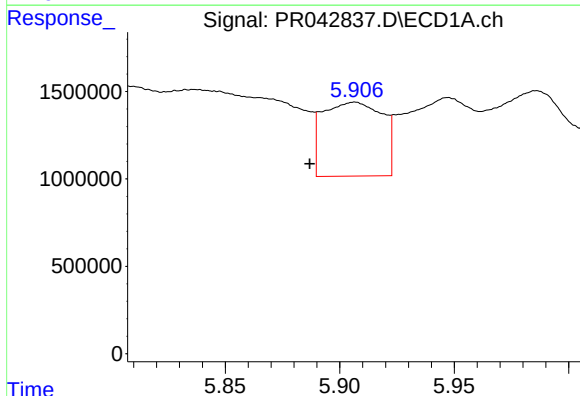
R.T.: 6.792 min  
Delta R.T.: -0.019 min  
Response: 3477538  
Conc: 34.79 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
SU-02-110119



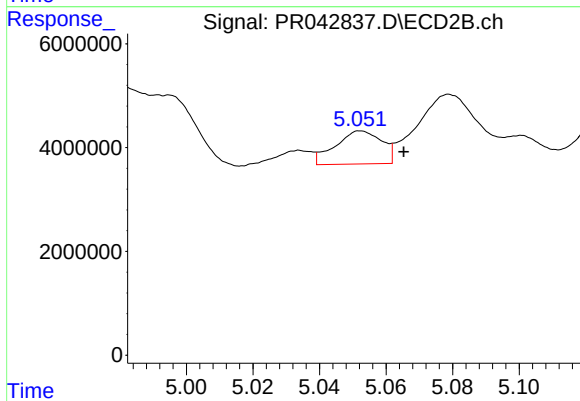
#20 AR-1242-5

R.T.: 0.000 min  
Exp R.T. : 5.873 min  
Response: 0  
Conc: N.D.



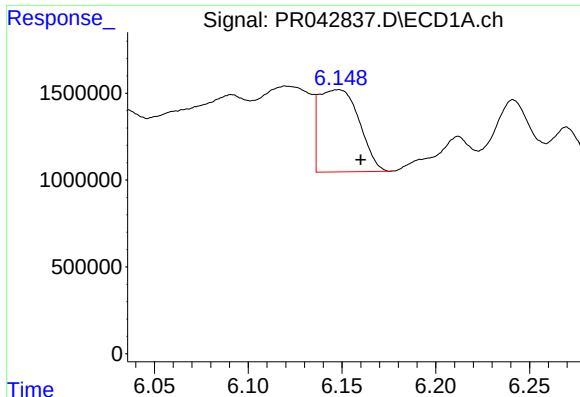
#21 AR-1248-1

R.T.: 5.907 min  
Delta R.T.: 0.020 min  
Response: 7676462  
Conc: 80.91 ng/ml



#21 AR-1248-1

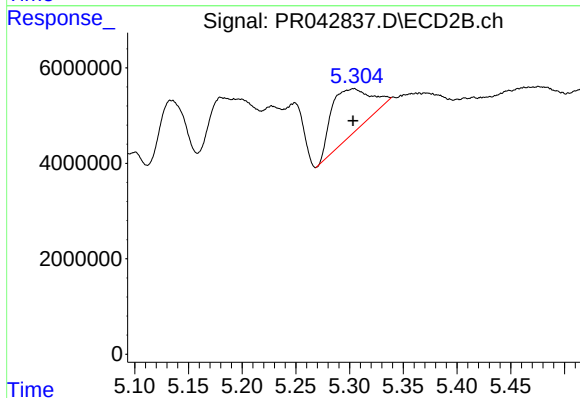
R.T.: 5.053 min  
Delta R.T.: -0.013 min  
Response: 6148661  
Conc: 19.46 ng/ml



#22 AR-1248-2

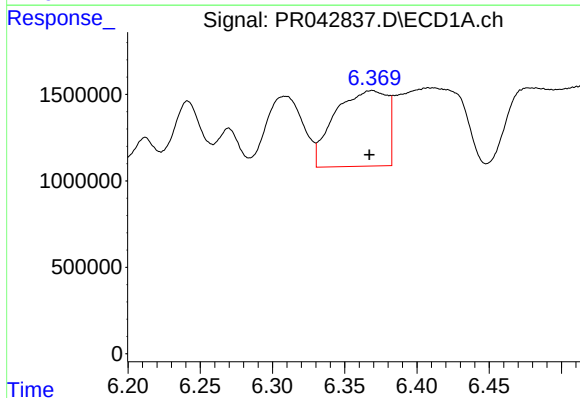
R.T.: 6.148 min  
Delta R.T.: -0.012 min  
Response: 7092186  
Conc: 53.82 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
SU-02-110119



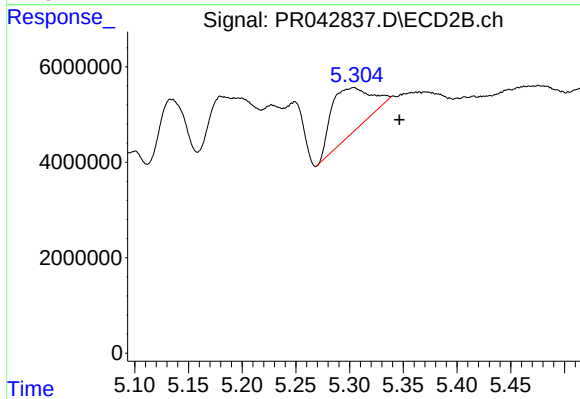
#22 AR-1248-2

R.T.: 5.304 min  
Delta R.T.: 0.000 min  
Response: 24239253  
Conc: 73.04 ng/ml



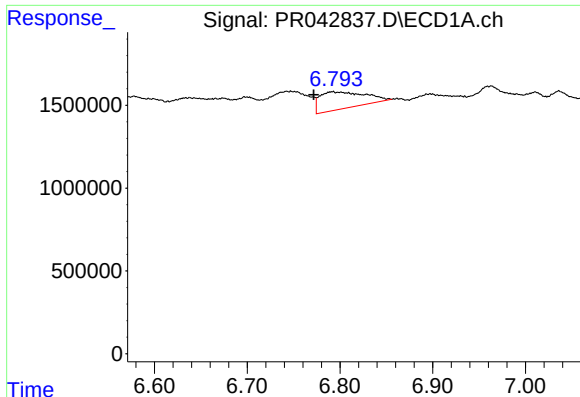
#23 AR-1248-3

R.T.: 6.369 min  
Delta R.T.: 0.002 min  
Response: 11057021  
Conc: 74.66 ng/ml



#23 AR-1248-3

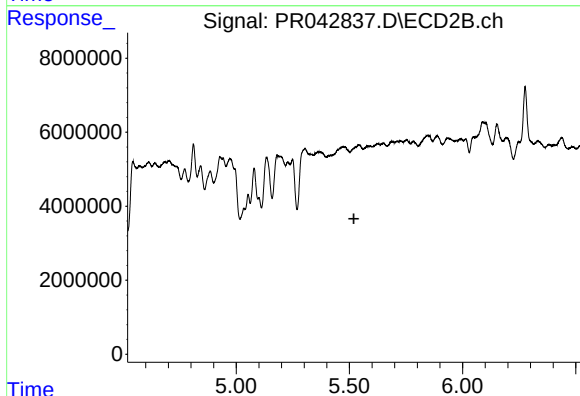
R.T.: 5.304 min  
Delta R.T.: -0.043 min  
Response: 24239253  
Conc: 73.87 ng/ml



#24 AR-1248-4

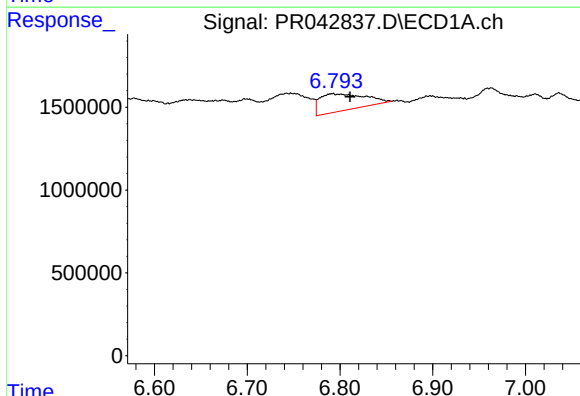
R.T.: 6.792 min  
Delta R.T.: 0.020 min  
Response: 3477538  
Conc: 20.37 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
SU-02-110119



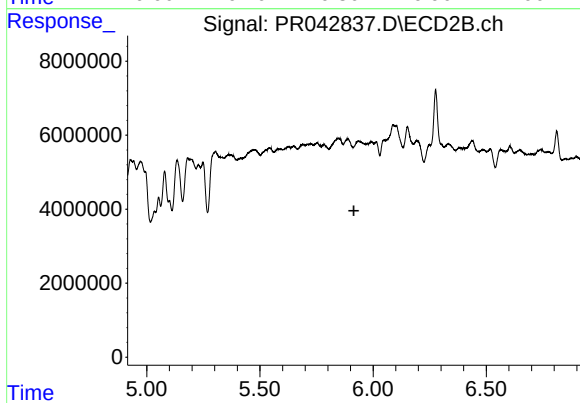
#24 AR-1248-4

R.T.: 0.000 min  
Exp R.T. : 5.520 min  
Response: 0  
Conc: N.D.



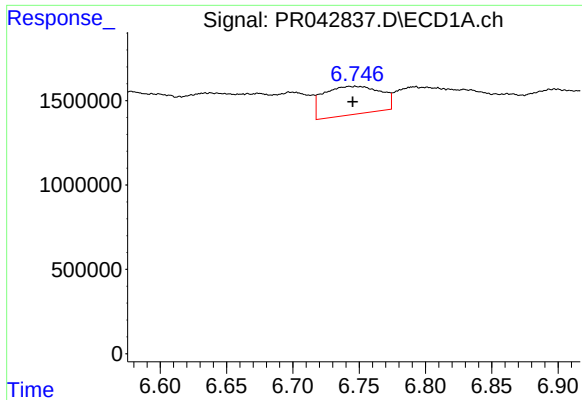
#25 AR-1248-5

R.T.: 6.792 min  
Delta R.T.: -0.019 min  
Response: 3477538  
Conc: 21.44 ng/ml



#25 AR-1248-5

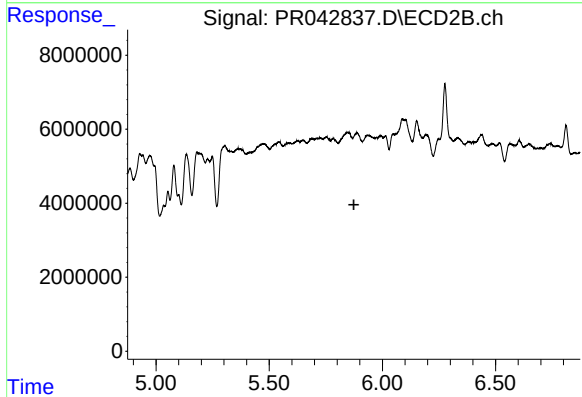
R.T.: 0.000 min  
Exp R.T. : 5.915 min  
Response: 0  
Conc: N.D.



#26 AR-1254-1

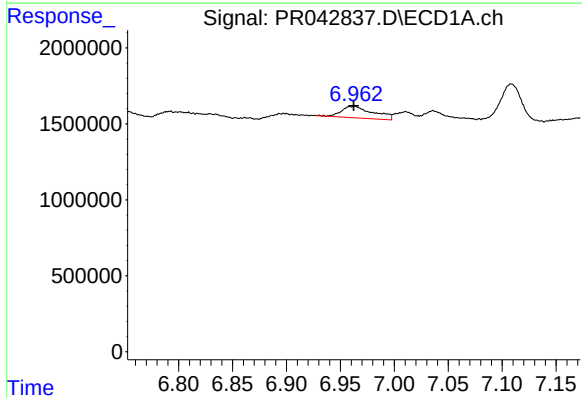
R.T.: 6.747 min  
Delta R.T.: 0.002 min  
Response: 5005810  
Conc: 26.82 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
SU-02-110119



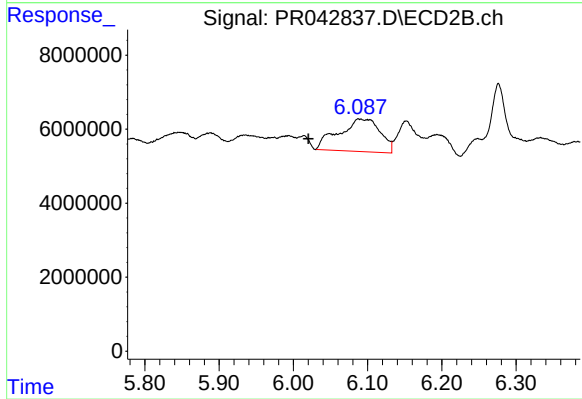
#26 AR-1254-1

R.T.: 0.000 min  
Exp R.T. : 5.874 min  
Response: 0  
Conc: N.D.



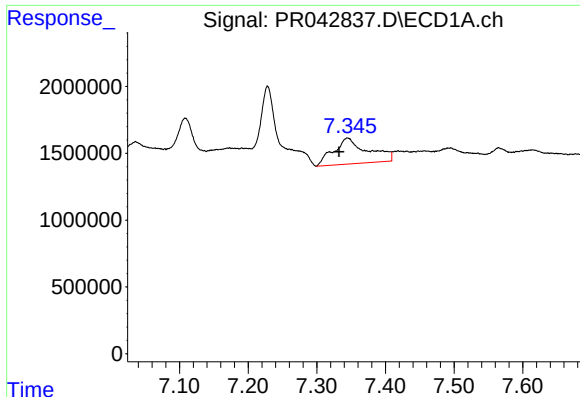
#27 AR-1254-2

R.T.: 6.963 min  
Delta R.T.: 0.000 min  
Response: 1587425  
Conc: 5.44 ng/ml



#27 AR-1254-2

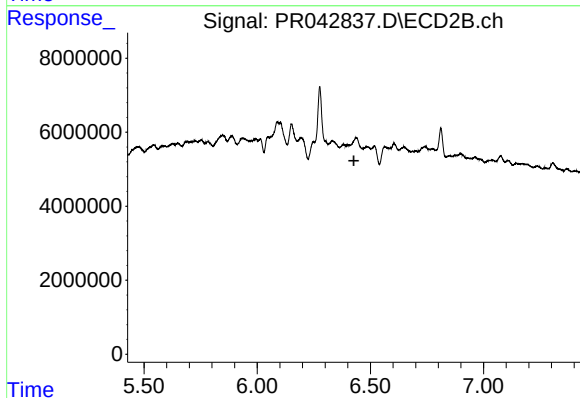
R.T.: 6.088 min  
Delta R.T.: 0.068 min  
Response: 34012912  
Conc: 58.22 ng/ml



#28 AR-1254-3

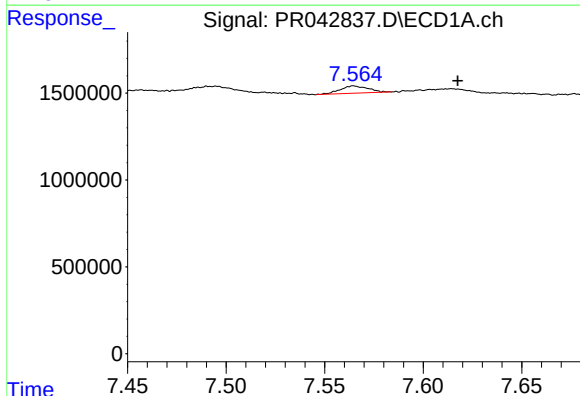
R.T.: 7.345 min  
Delta R.T.: 0.012 min  
Response: 6657135  
Conc: 21.14 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
SU-02-110119



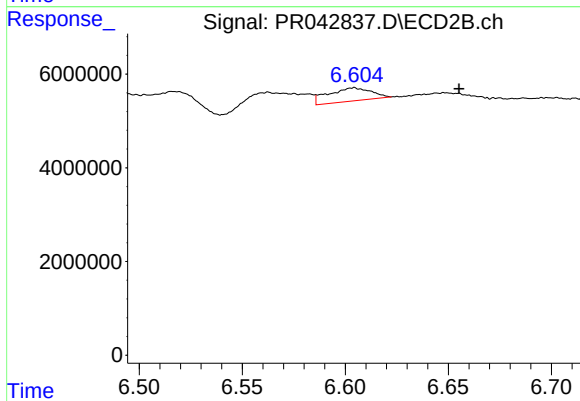
#28 AR-1254-3

R.T.: 0.000 min  
Exp R.T. : 6.427 min  
Response: 0  
Conc: N.D.



#29 AR-1254-4

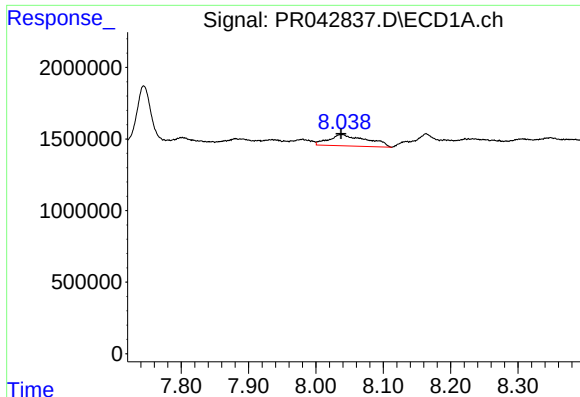
R.T.: 7.565 min  
Delta R.T.: -0.053 min  
Response: 412480  
Conc: 1.76 ng/ml



#29 AR-1254-4

R.T.: 6.604 min  
Delta R.T.: -0.051 min  
Response: 4080491  
Conc: 5.35 ng/ml

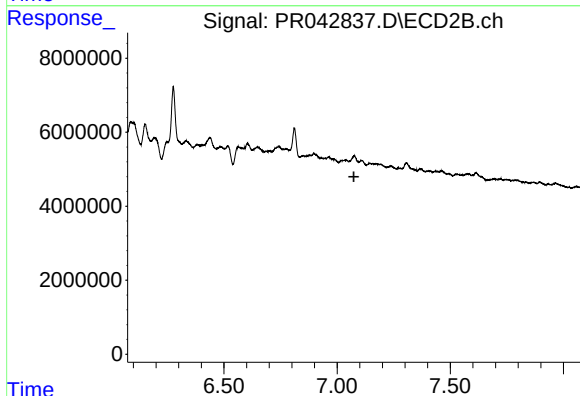




#30 AR-1254-5

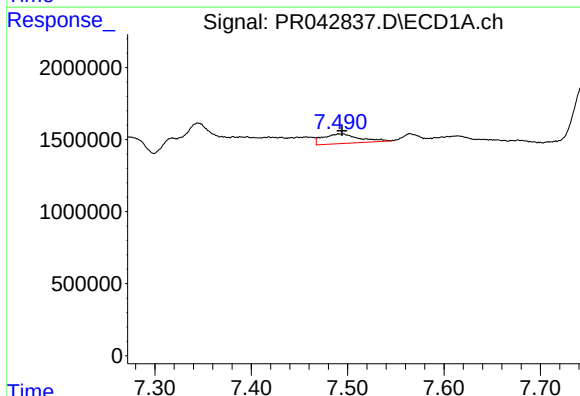
R.T.: 8.039 min  
Delta R.T.: 0.002 min  
Response: 3114266  
Conc: 12.39 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
SU-02-110119



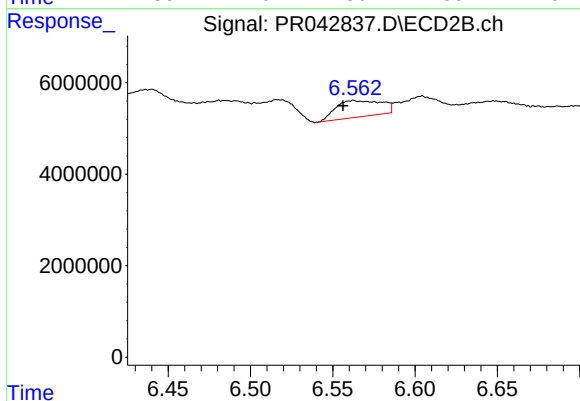
#30 AR-1254-5

R.T.: 0.000 min  
Exp R.T. : 7.074 min  
Response: 0  
Conc: N.D.



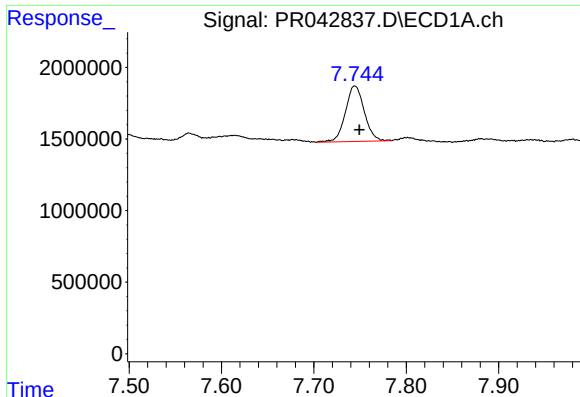
#31 AR-1260-1

R.T.: 7.494 min  
Delta R.T.: 0.000 min  
Response: 1720014  
Conc: 8.27 ng/ml



#31 AR-1260-1

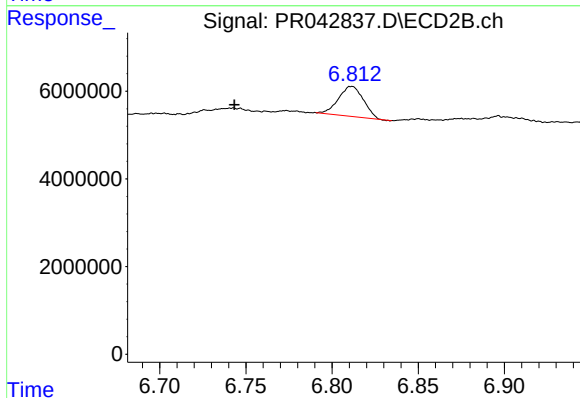
R.T.: 6.562 min  
Delta R.T.: 0.006 min  
Response: 6934187  
Conc: 11.44 ng/ml



#32 AR-1260-2

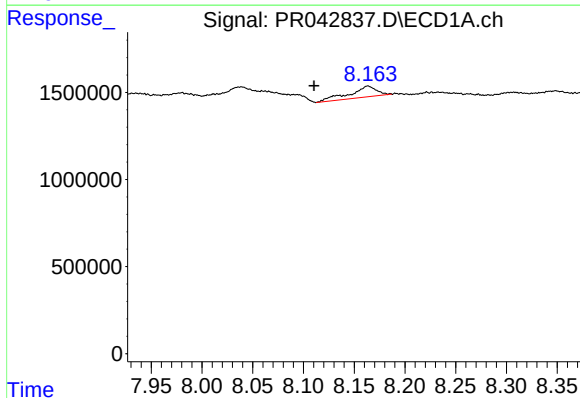
R.T.: 7.744 min  
Delta R.T.: -0.005 min  
Response: 5501137  
Conc: 22.50 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
SU-02-110119



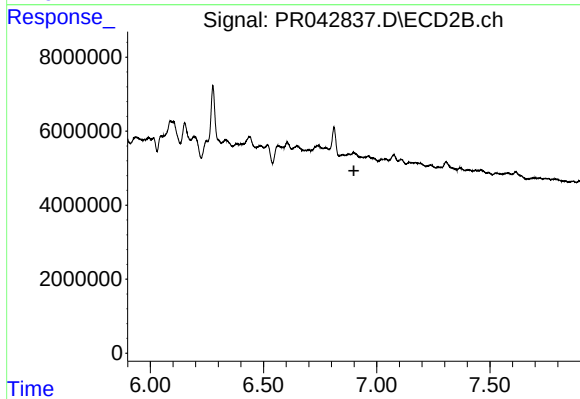
#32 AR-1260-2

R.T.: 6.811 min  
Delta R.T.: 0.068 min  
Response: 6938570  
Conc: 8.02 ng/ml



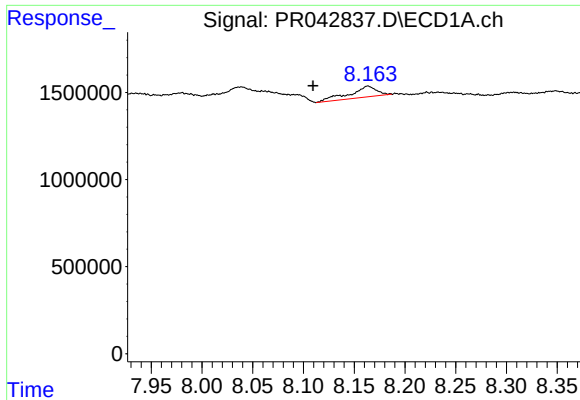
#33 AR-1260-3

R.T.: 8.164 min  
Delta R.T.: 0.053 min  
Response: 1151557  
Conc: 6.37 ng/ml



#33 AR-1260-3

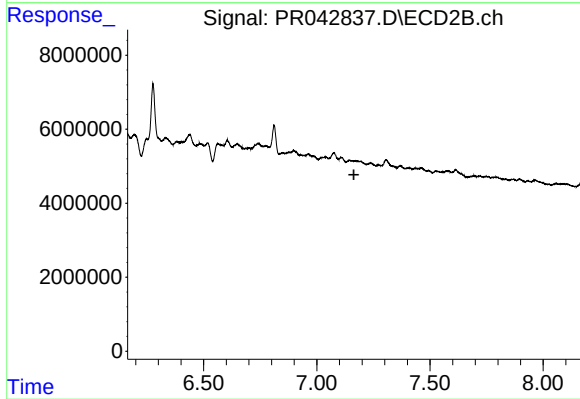
R.T.: 0.000 min  
Exp R.T.: 6.899 min  
Response: 0  
Conc: N.D.



#36 AR-1262-1

R.T.: 8.164 min  
Delta R.T.: 0.054 min  
Response: 1151557  
Conc: 3.90 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
SU-02-110119



#36 AR-1262-1

R.T.: 0.000 min  
Exp R.T. : 7.164 min  
Response: 0  
Conc: N.D.