

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR121419\
 Data File : PR043827.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Dec 2019 03:29
 Operator : SM\AJ
 Sample : K6240-04
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 BFQS5

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 14 06:08:01 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR120419CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 07 03:51:56 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...	4.705	3.965	139.3E6	179.6E6	25.062	23.248
2)	SA Decachlor...	10.606	9.049	162.5E6	351.8E6	43.163	35.550
Target Compounds							
3)	L1 AR-1016-1	5.874	5.016f	1802595	4104475	9.310	10.068
4)	L1 AR-1016-2	5.874f	5.016f	1802595	4104475	6.583	7.348
5)	L1 AR-1016-3	5.960	5.301f	208589	5525148	1.267	18.494 #
6)	L1 AR-1016-4	6.064	5.301	432816	5525148	3.143	22.970 #
7)	L1 AR-1016-5	6.345	0.000	3239412	0	23.444	N.D. #
8)	L2 AR-1221-1	4.928	0.000	787536	0	13.728	N.D. #
9)	L2 AR-1221-2	5.015	4.269	2483937	2422911	60.782	39.578 #
10)	L2 AR-1221-3	5.072	4.327	188265	8991788	1.370	41.158 #
11)	L3 AR-1232-1	5.072	4.327	188265	8991788	1.751	53.303 #
12)	L3 AR-1232-2	5.592	5.016f	1250532	4104475	22.595	17.590
13)	L3 AR-1232-3	5.874f	5.301f	1802595	5525148	15.897	45.150 #
14)	L3 AR-1232-4	6.064	5.349	432816	415106	7.446	3.911 #
15)	L3 AR-1232-5	6.180	0.000	414232	0	9.277	N.D. #
16)	L4 AR-1242-1	5.874	5.016f	1802595	4104475	11.089	12.414
17)	L4 AR-1242-2	5.874f	5.016f	1802595	4104475	7.902	8.978
18)	L4 AR-1242-3	5.960	5.301f	208589	5525148	1.516	22.670 #
19)	L4 AR-1242-4	6.064	5.349	432816	415106	3.771	1.762 #
20)	L4 AR-1242-5	6.824	0.000	73161	0	0.575	N.D. #
21)	L5 AR-1248-1	5.874	5.016f	1802595	4104475	15.187	16.774
22)	L5 AR-1248-2	6.180	5.301	414232	5525148	2.543	17.038 #
23)	L5 AR-1248-3	6.345	5.349	3239412	415106	17.841	1.260 #
24)	L5 AR-1248-4	6.782	0.000	175818	0	0.840	N.D. #
25)	L5 AR-1248-5	6.824	0.000	73161	0	0.369	N.D. #
26)	L6 AR-1254-1	6.739	0.000	797810	0	3.650	N.D. #
27)	L6 AR-1254-2	6.950	0.000	234028	0	0.694	N.D. #
28)	L6 AR-1254-3	7.340	6.434	1626630	13996722	4.651	13.827 #
29)	L6 AR-1254-4	7.633	6.717f	127896	2316231	0.512	3.217 #
30)	L6 AR-1254-5	8.023	7.084	75287	3862372	0.292	4.534 #
31)	L7 AR-1260-1	7.489	6.554	1438731	85936	5.774	0.127 #
32)	L7 AR-1260-2	7.711f	6.717	2433288	2316231	8.190	2.391 #
33)	L7 AR-1260-3	0.000	6.895	0	7512437	N.D.	9.620 #
34)	L7 AR-1260-4	8.331	0.000	411152	0	1.635	N.D. #
35)	L7 AR-1260-5	8.655	0.000	388428	0	0.805	N.D. #
36)	L8 AR-1262-1	8.214f	7.084	620420	3862372	4.660	7.811 #
37)	L8 AR-1262-2	8.655	0.000	388428	0	0.682	N.D. #
39)	L8 AR-1262-4	9.105	0.000	224530	0	0.844	N.D. #
40)	L8 AR-1262-5	9.819	0.000	374794	0	1.990	N.D. #
42)	L9 AR-1268-2	9.105	0.000	224530	0	0.390	N.D. #
43)	L9 AR-1268-3	9.355	0.000	167622	0	0.356	N.D. #

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Integration File signal 1: autoint1.e
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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
44) L9	AR-1268-4	9.819	0.000	374794	0	1.834	N.D. #
45) L9	AR-1268-5	10.246	8.774	1576872	3175509	1.008	0.751 #

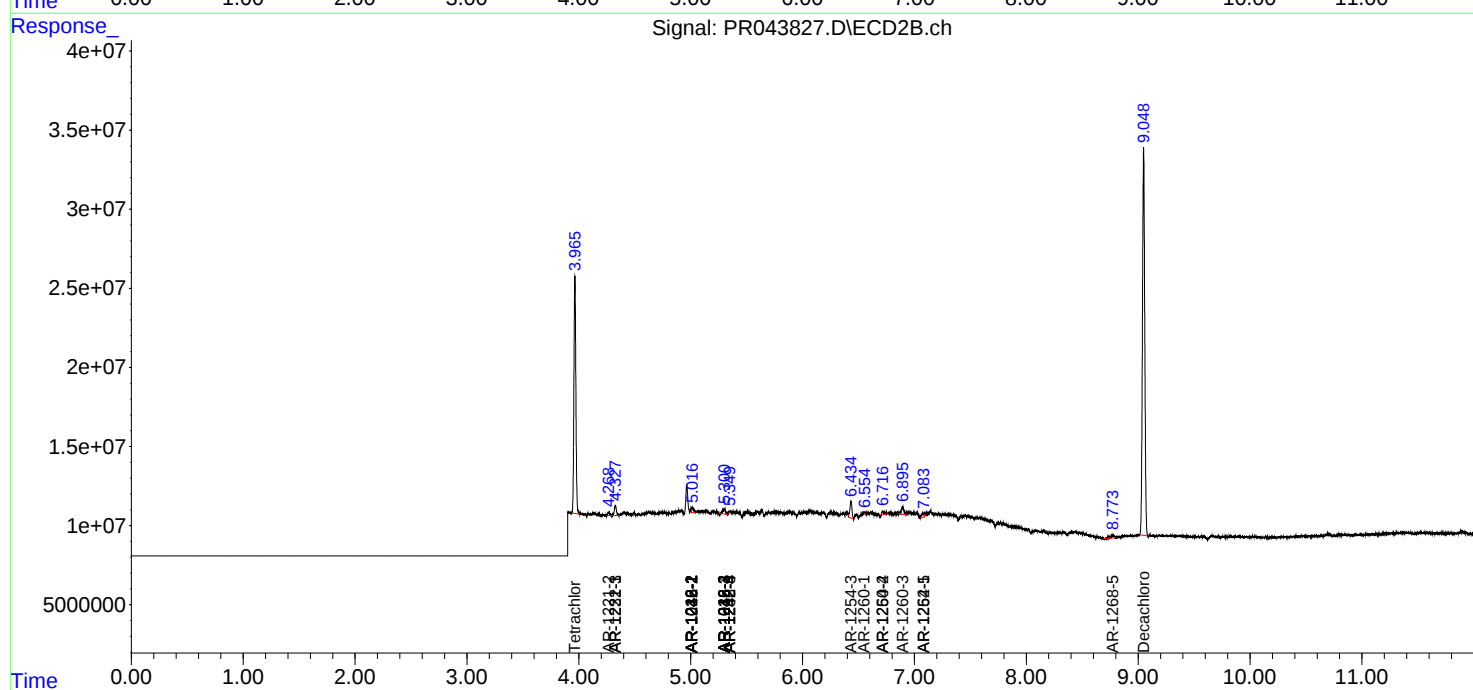
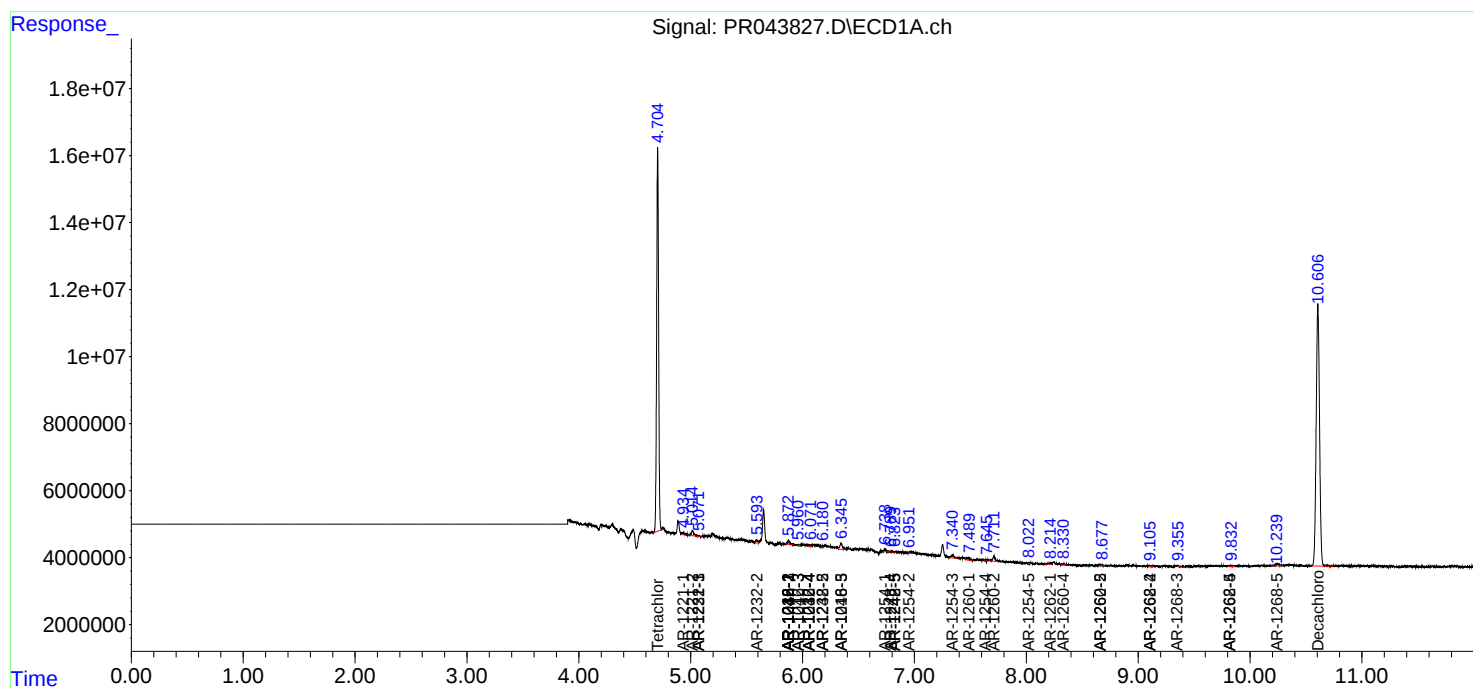
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

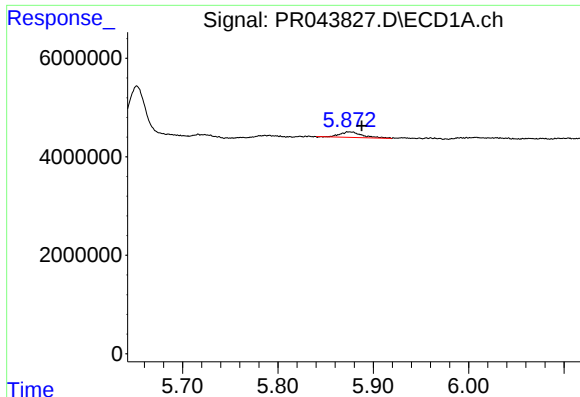
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QLast Update : Sat Dec 07 03:51:56 2019
Response via : Initial Calibration
Integrator: ChemStation

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.: 5.874 min
Delta R.T.: -0.013 min
Response: 1802595
Conc: 9.31 ng/ml

Instrument :
ECD_R
ClientSampleId :
BFQS5

#3 AR-1016-1

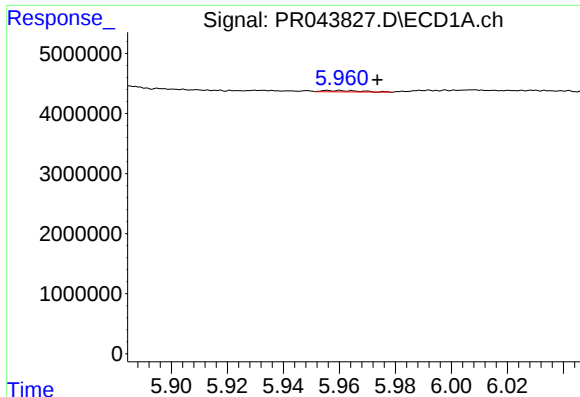
R.T.: 5.016 min
Delta R.T.: -0.046 min
Response: 4104475
Conc: 10.07 ng/ml

#4 AR-1016-2

R.T.: 5.874 min
Delta R.T.: -0.036 min
Response: 1802595
Conc: 6.58 ng/ml

#4 AR-1016-2

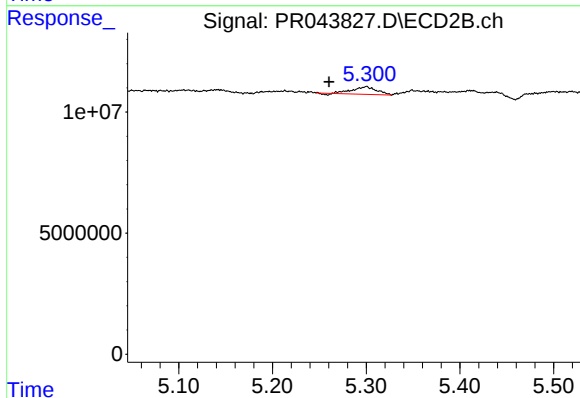
R.T.: 5.016 min
Delta R.T.: -0.066 min
Response: 4104475
Conc: 7.35 ng/ml



#5 AR-1016-3

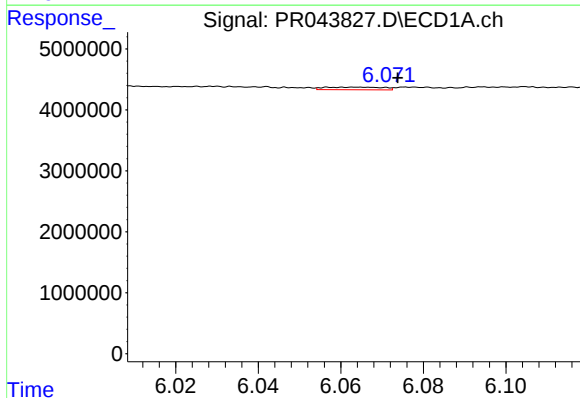
R.T.: 5.960 min
Delta R.T.: -0.014 min
Response: 208589
Conc: 1.27 ng/ml

Instrument :
ECD_R
ClientSampleId :
BFQS5



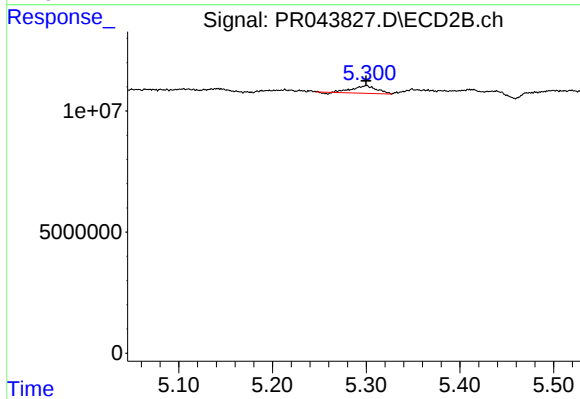
#5 AR-1016-3

R.T.: 5.301 min
Delta R.T.: 0.040 min
Response: 5525148
Conc: 18.49 ng/ml



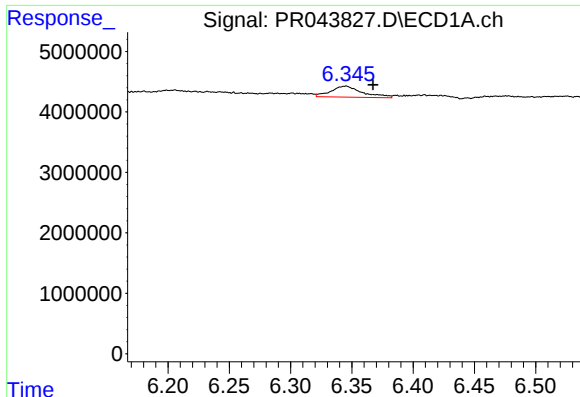
#6 AR-1016-4

R.T.: 6.064 min
Delta R.T.: -0.010 min
Response: 432816
Conc: 3.14 ng/ml



#6 AR-1016-4

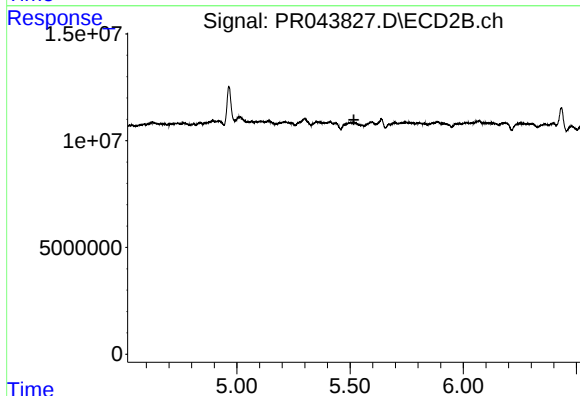
R.T.: 5.301 min
Delta R.T.: 0.000 min
Response: 5525148
Conc: 22.97 ng/ml



#7 AR-1016-5

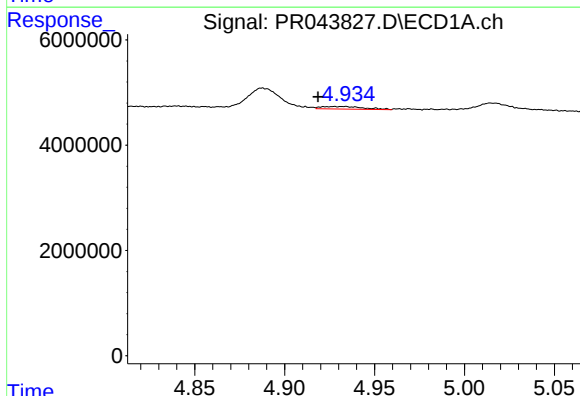
R.T.: 6.345 min
Delta R.T.: -0.022 min
Response: 3239412
Conc: 23.44 ng/ml

Instrument :
ECD_R
ClientSampleId :
BFQS5



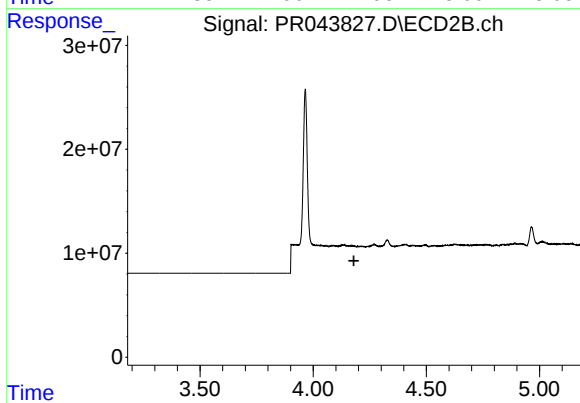
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.517 min
Response: 0
Conc: N.D.



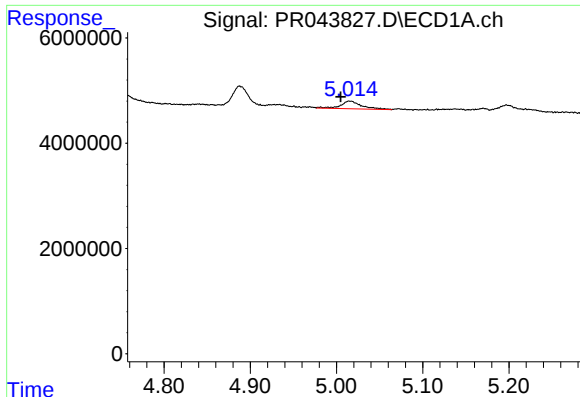
#8 AR-1221-1

R.T.: 4.928 min
Delta R.T.: 0.009 min
Response: 787536
Conc: 13.73 ng/ml



#8 AR-1221-1

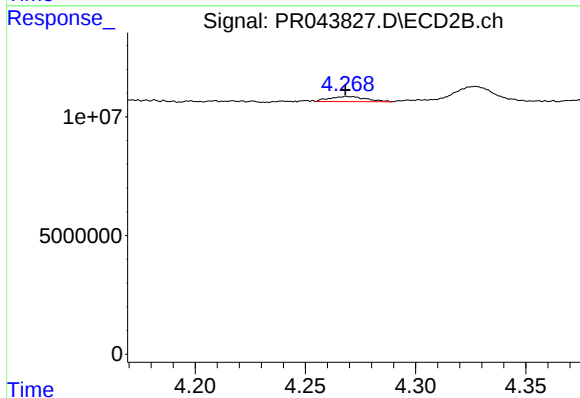
R.T.: 0.000 min
Exp R.T. : 4.180 min
Response: 0
Conc: N.D.



#9 AR-1221-2

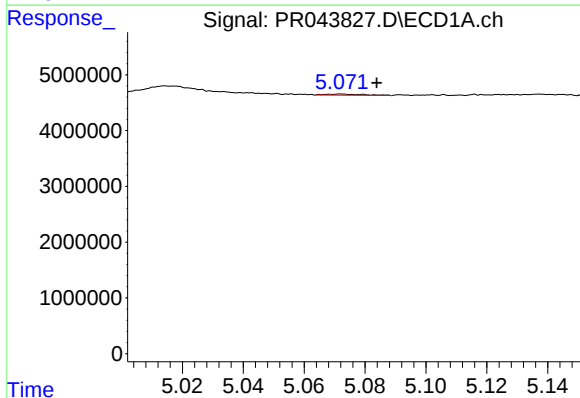
R.T.: 5.015 min
Delta R.T.: 0.011 min
Response: 2483937
Conc: 60.78 ng/ml

Instrument :
ECD_R
ClientSampleId :
BFQS5



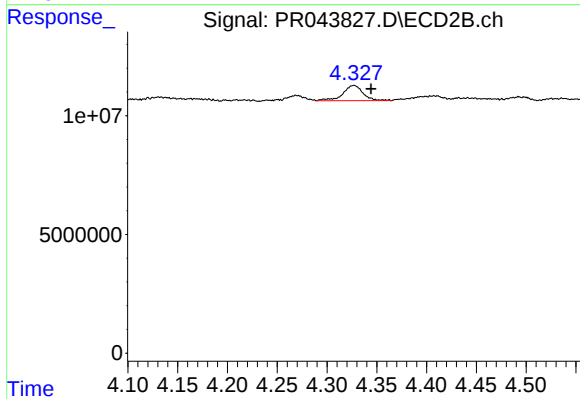
#9 AR-1221-2

R.T.: 4.269 min
Delta R.T.: 0.000 min
Response: 2422911
Conc: 39.58 ng/ml



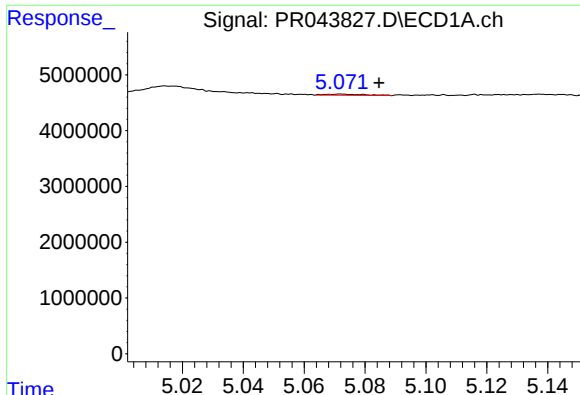
#10 AR-1221-3

R.T.: 5.072 min
Delta R.T.: -0.012 min
Response: 188265
Conc: 1.37 ng/ml



#10 AR-1221-3

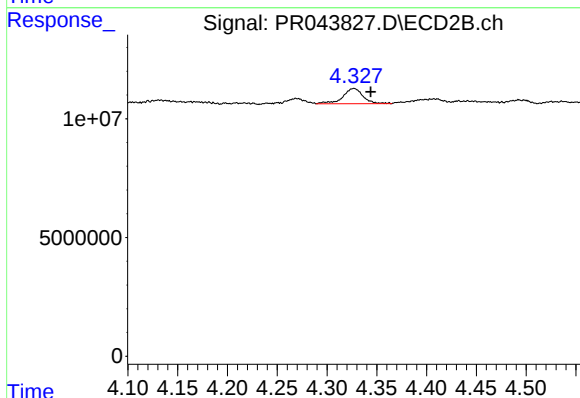
R.T.: 4.327 min
Delta R.T.: -0.017 min
Response: 8991788
Conc: 41.16 ng/ml



#11 AR-1232-1

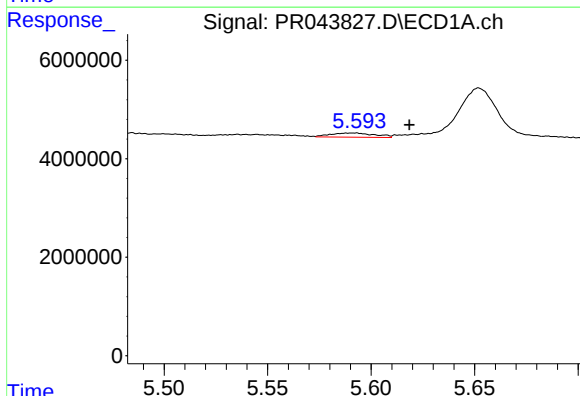
R.T.: 5.072 min
Delta R.T.: -0.013 min
Response: 188265
Conc: 1.75 ng/ml

Instrument :
ECD_R
ClientSampleId :
BFQS5



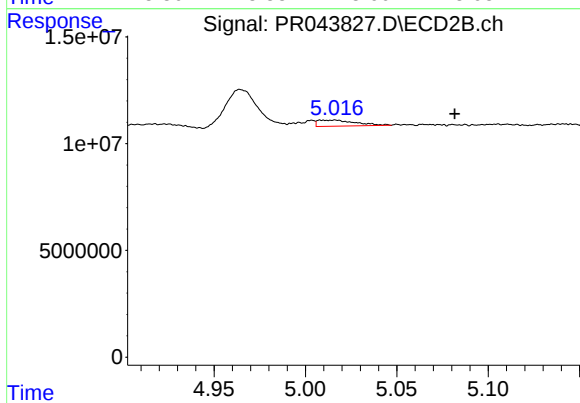
#11 AR-1232-1

R.T.: 4.327 min
Delta R.T.: -0.017 min
Response: 8991788
Conc: 53.30 ng/ml



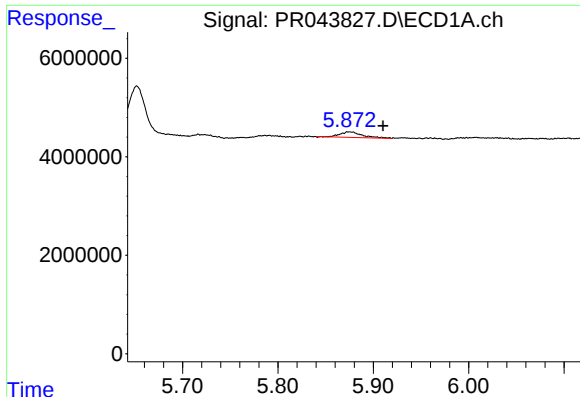
#12 AR-1232-2

R.T.: 5.592 min
Delta R.T.: -0.027 min
Response: 1250532
Conc: 22.59 ng/ml



#12 AR-1232-2

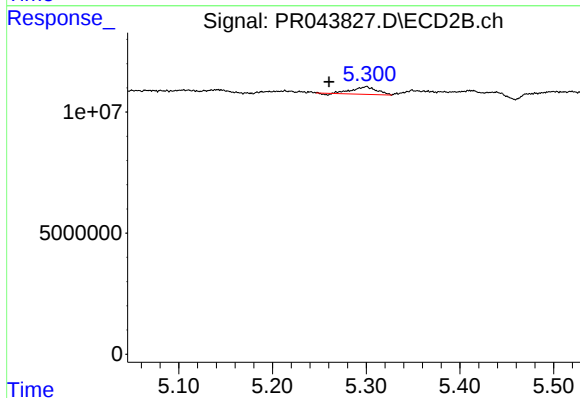
R.T.: 5.016 min
Delta R.T.: -0.065 min
Response: 4104475
Conc: 17.59 ng/ml



#13 AR-1232-3

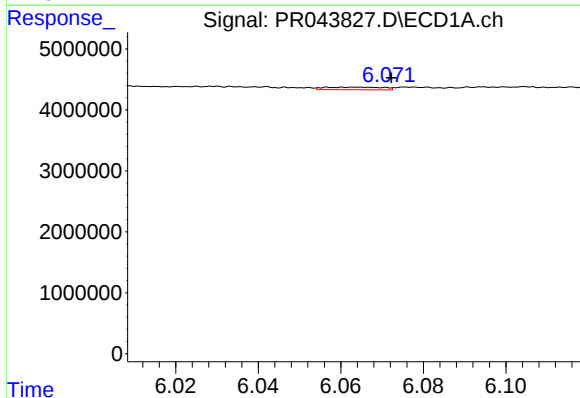
R.T.: 5.874 min
Delta R.T.: -0.036 min
Response: 1802595
Conc: 15.90 ng/ml

Instrument :
ECD_R
ClientSampleId :
BFQS5



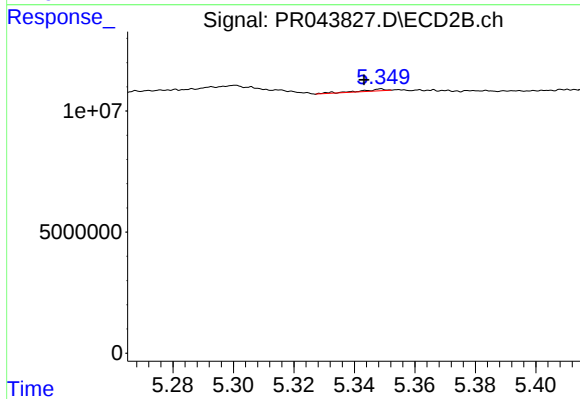
#13 AR-1232-3

R.T.: 5.301 min
Delta R.T.: 0.040 min
Response: 5525148
Conc: 45.15 ng/ml



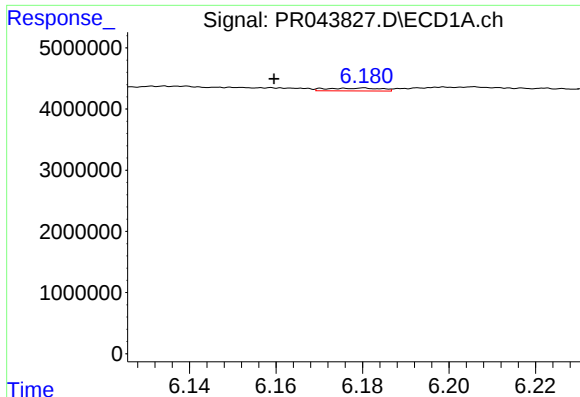
#14 AR-1232-4

R.T.: 6.064 min
Delta R.T.: -0.008 min
Response: 432816
Conc: 7.45 ng/ml



#14 AR-1232-4

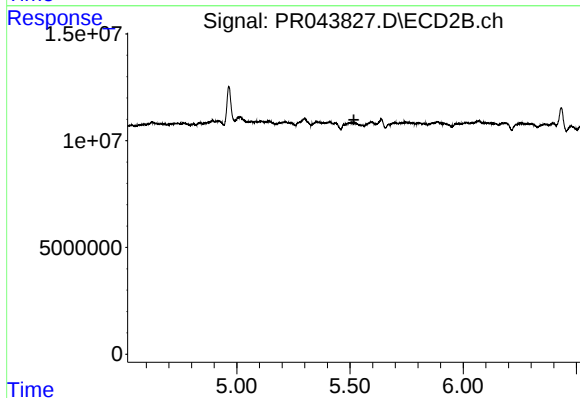
R.T.: 5.349 min
Delta R.T.: 0.006 min
Response: 415106
Conc: 3.91 ng/ml



#15 AR-1232-5

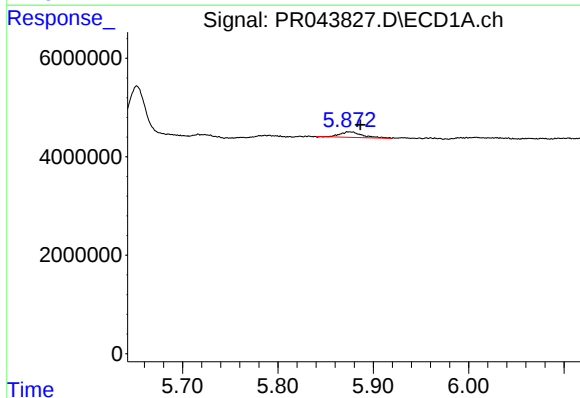
R.T.: 6.180 min
Delta R.T.: 0.021 min
Response: 414232
Conc: 9.28 ng/ml

Instrument :
ECD_R
ClientSampleId :
BFQS5



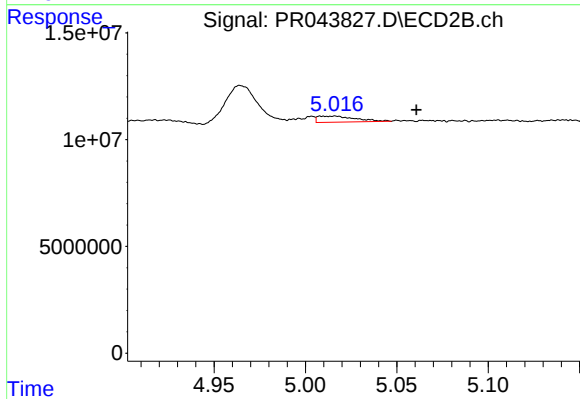
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.517 min
Response: 0
Conc: N.D.



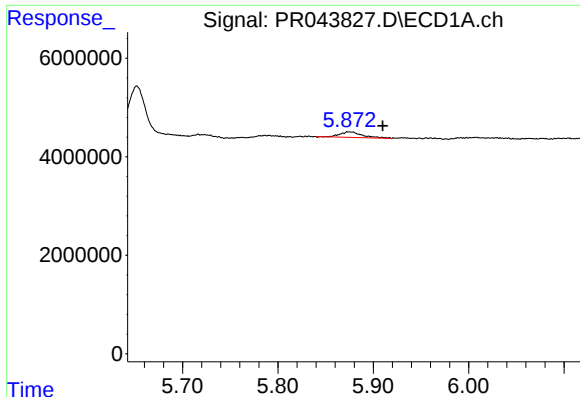
#16 AR-1242-1

R.T.: 5.874 min
Delta R.T.: -0.012 min
Response: 1802595
Conc: 11.09 ng/ml



#16 AR-1242-1

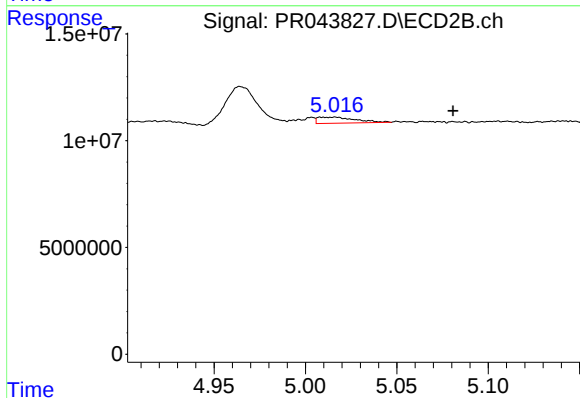
R.T.: 5.016 min
Delta R.T.: -0.044 min
Response: 4104475
Conc: 12.41 ng/ml



#17 AR-1242-2

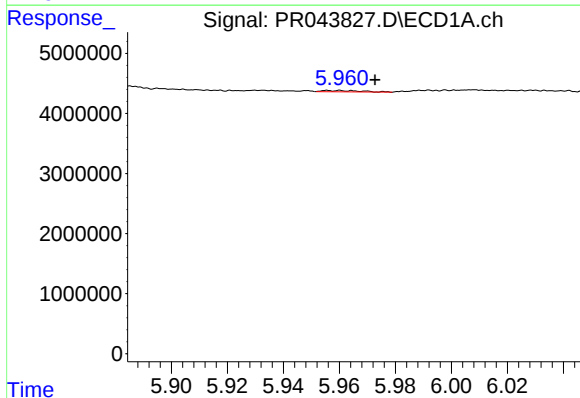
R.T.: 5.874 min
Delta R.T.: -0.036 min
Response: 1802595
Conc: 7.90 ng/ml

Instrument :
ECD_R
ClientSampleId :
BFQS5



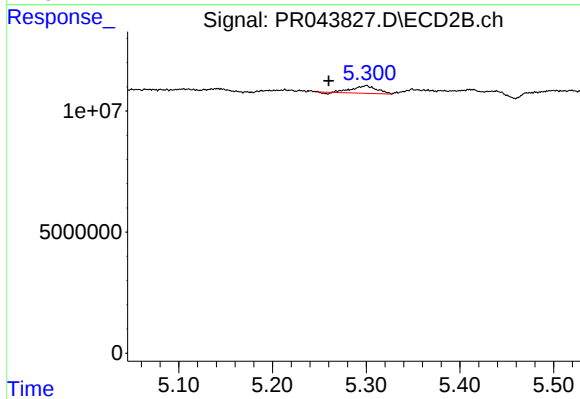
#17 AR-1242-2

R.T.: 5.016 min
Delta R.T.: -0.064 min
Response: 4104475
Conc: 8.98 ng/ml



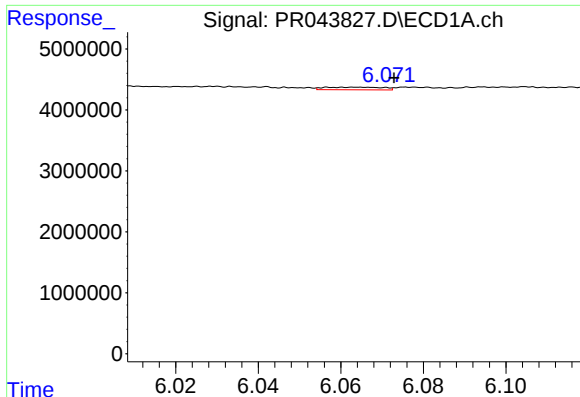
#18 AR-1242-3

R.T.: 5.960 min
Delta R.T.: -0.013 min
Response: 208589
Conc: 1.52 ng/ml



#18 AR-1242-3

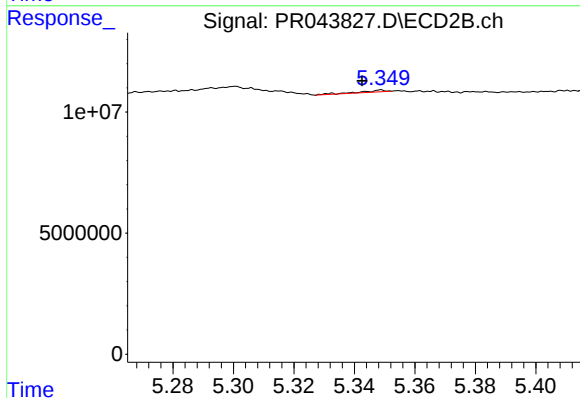
R.T.: 5.301 min
Delta R.T.: 0.041 min
Response: 5525148
Conc: 22.67 ng/ml



#19 AR-1242-4

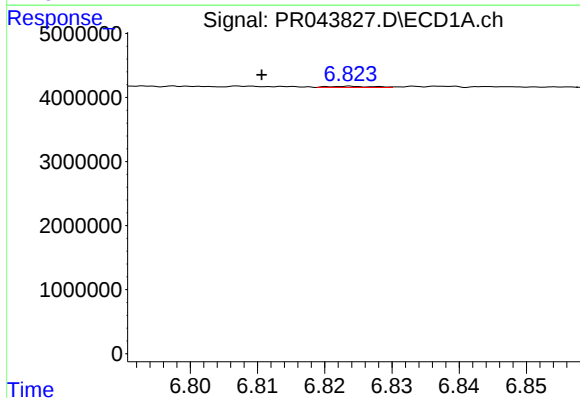
R.T.: 6.064 min
Delta R.T.: -0.009 min
Response: 432816
Conc: 3.77 ng/ml

Instrument :
ECD_R
ClientSampleId :
BFQS5



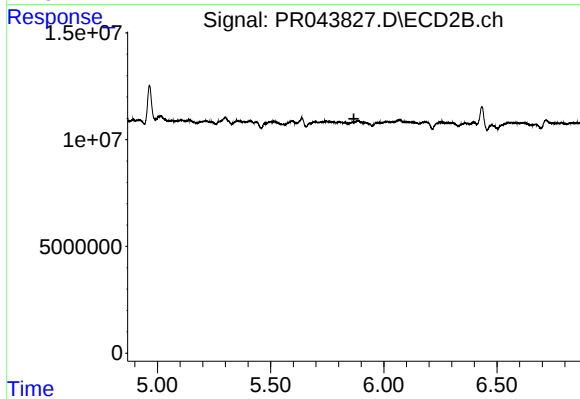
#19 AR-1242-4

R.T.: 5.349 min
Delta R.T.: 0.006 min
Response: 415106
Conc: 1.76 ng/ml



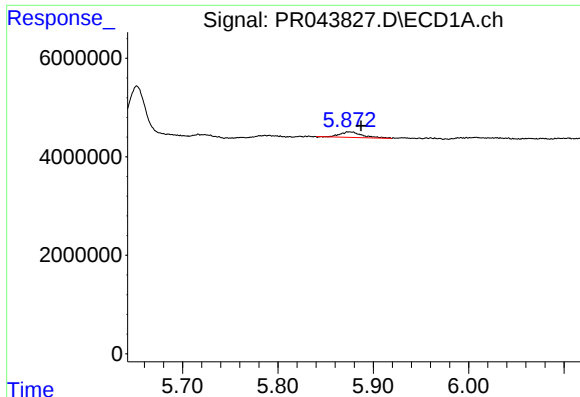
#20 AR-1242-5

R.T.: 6.824 min
Delta R.T.: 0.013 min
Response: 73161
Conc: 0.58 ng/ml



#20 AR-1242-5

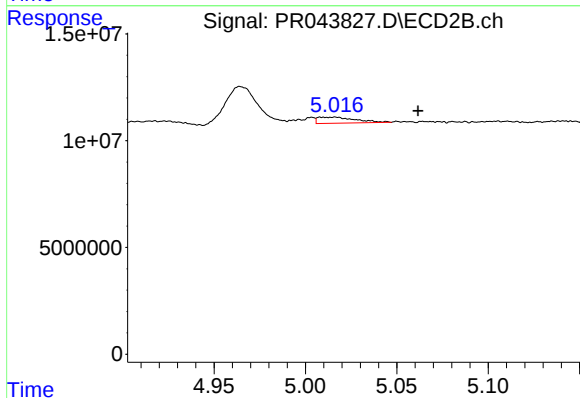
R.T.: 0.000 min
Exp R.T.: 5.868 min
Response: 0
Conc: N.D.



#21 AR-1248-1

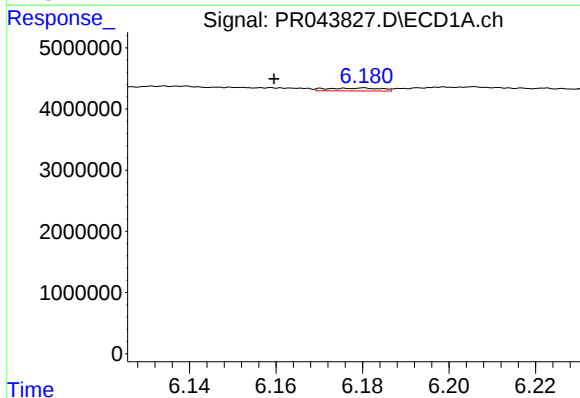
R.T.: 5.874 min
Delta R.T.: -0.013 min
Response: 1802595
Conc: 15.19 ng/ml

Instrument :
ECD_R
ClientSampleId :
BFQS5



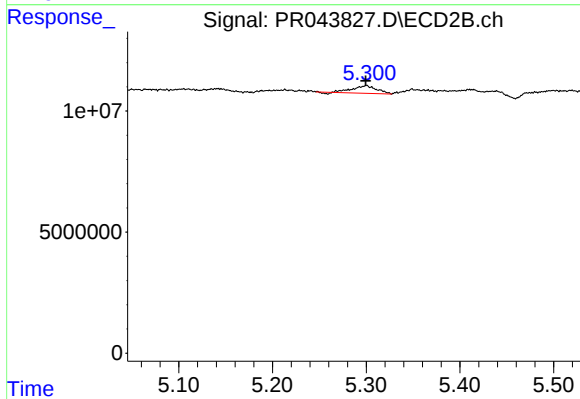
#21 AR-1248-1

R.T.: 5.016 min
Delta R.T.: -0.045 min
Response: 4104475
Conc: 16.77 ng/ml



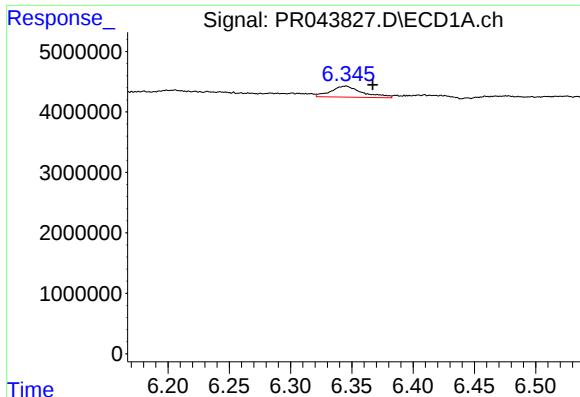
#22 AR-1248-2

R.T.: 6.180 min
Delta R.T.: 0.021 min
Response: 414232
Conc: 2.54 ng/ml



#22 AR-1248-2

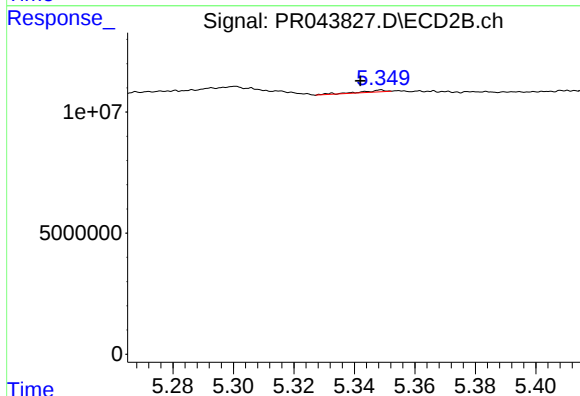
R.T.: 5.301 min
Delta R.T.: 0.000 min
Response: 5525148
Conc: 17.04 ng/ml



#23 AR-1248-3

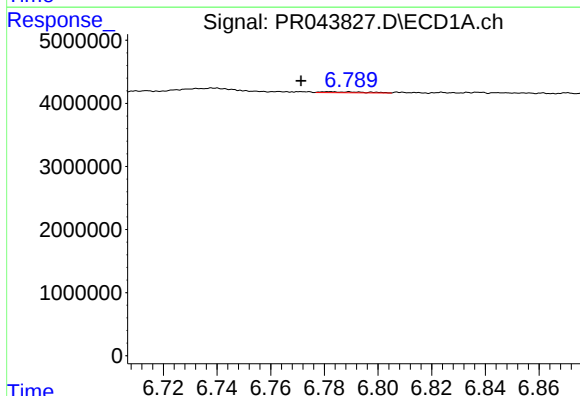
R.T.: 6.345 min
Delta R.T.: -0.022 min
Response: 3239412
Conc: 17.84 ng/ml

Instrument :
ECD_R
ClientSampleId :
BFQS5



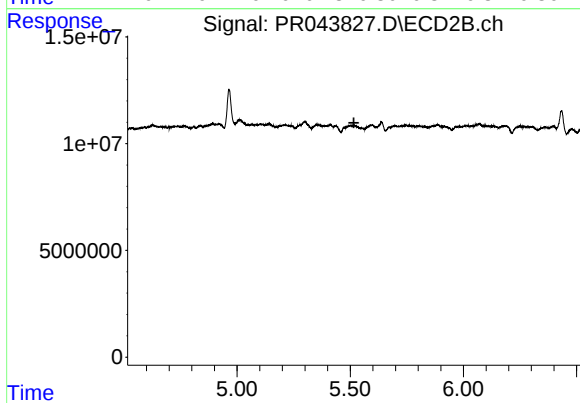
#23 AR-1248-3

R.T.: 5.349 min
Delta R.T.: 0.007 min
Response: 415106
Conc: 1.26 ng/ml



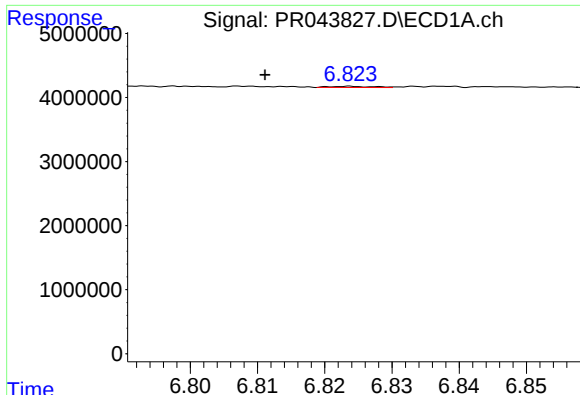
#24 AR-1248-4

R.T.: 6.782 min
Delta R.T.: 0.011 min
Response: 175818
Conc: 0.84 ng/ml



#24 AR-1248-4

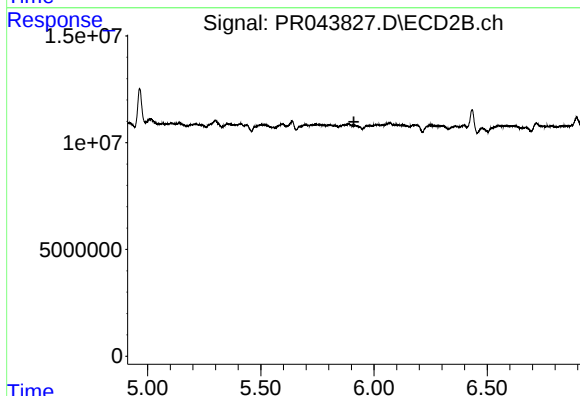
R.T.: 0.000 min
Exp R.T.: 5.516 min
Response: 0
Conc: N.D.



#25 AR-1248-5

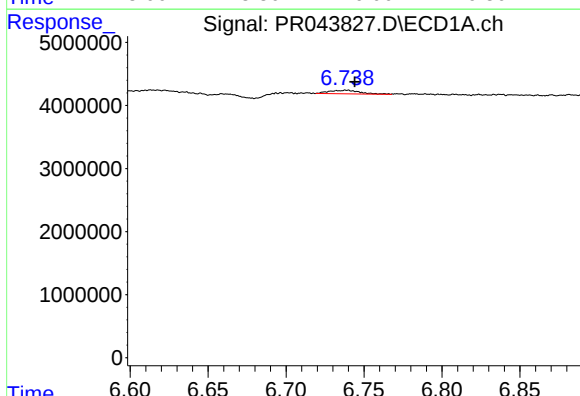
R.T.: 6.824 min
Delta R.T.: 0.013 min
Response: 73161
Conc: 0.37 ng/ml

Instrument :
ECD_R
ClientSampleId :
BFQS5



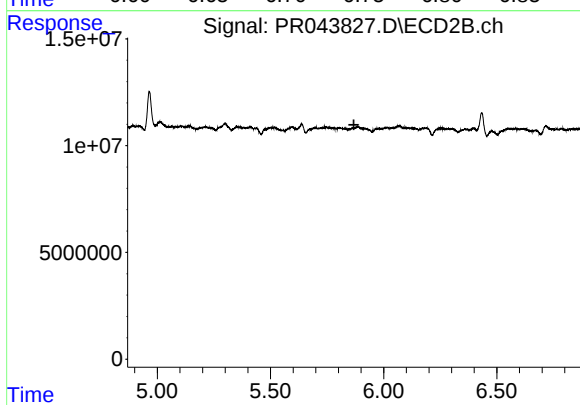
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 5.911 min
Response: 0
Conc: N.D.



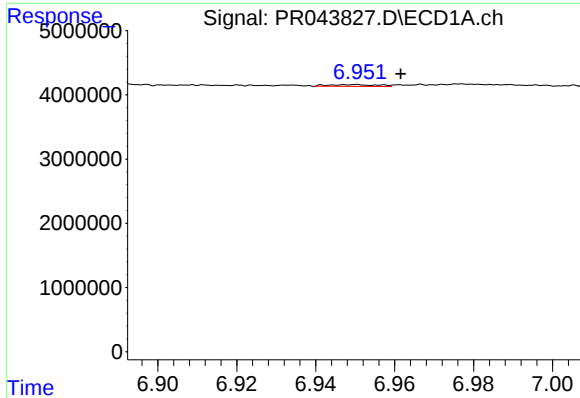
#26 AR-1254-1

R.T.: 6.739 min
Delta R.T.: -0.005 min
Response: 797810
Conc: 3.65 ng/ml



#26 AR-1254-1

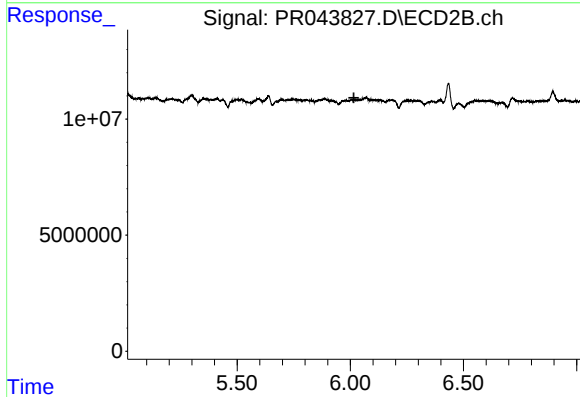
R.T.: 0.000 min
Exp R.T. : 5.868 min
Response: 0
Conc: N.D.



#27 AR-1254-2

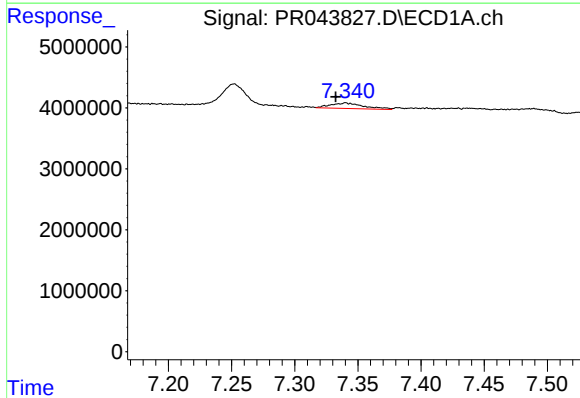
R.T.: 6.950 min
Delta R.T.: -0.012 min
Response: 234028
Conc: 0.69 ng/ml

Instrument :
ECD_R
ClientSampleId :
BFQS5



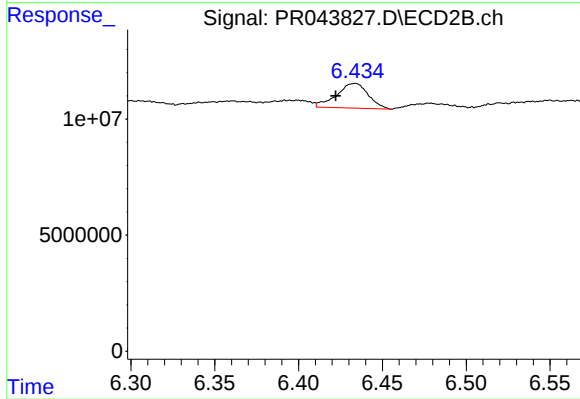
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 6.016 min
Response: 0
Conc: N.D.



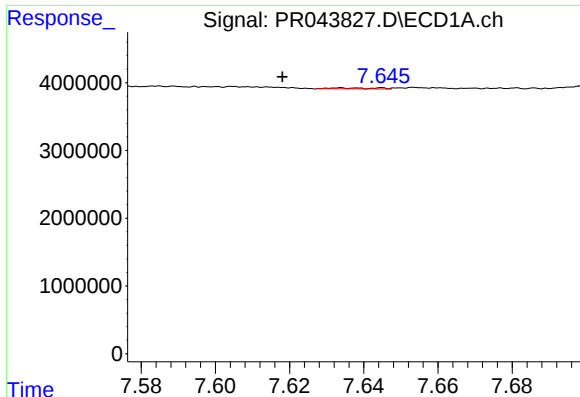
#28 AR-1254-3

R.T.: 7.340 min
Delta R.T.: 0.008 min
Response: 1626630
Conc: 4.65 ng/ml



#28 AR-1254-3

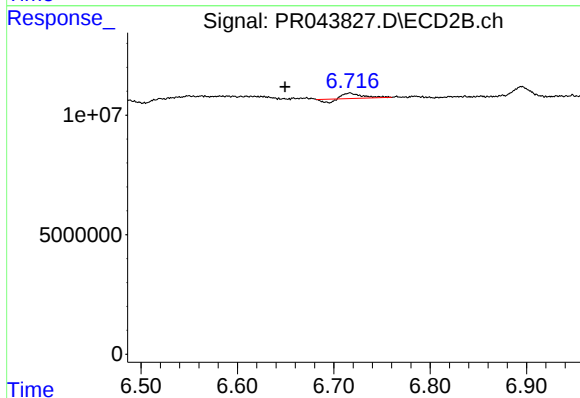
R.T.: 6.434 min
Delta R.T.: 0.012 min
Response: 13996722
Conc: 13.83 ng/ml



#29 AR-1254-4

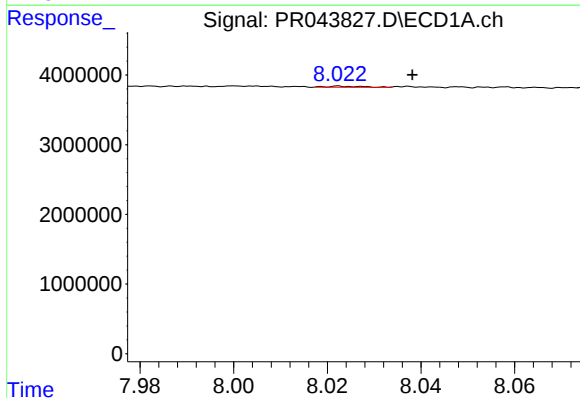
R.T.: 7.633 min
Delta R.T.: 0.015 min
Response: 127896
Conc: 0.51 ng/ml

Instrument :
ECD_R
ClientSampleId :
BFQS5



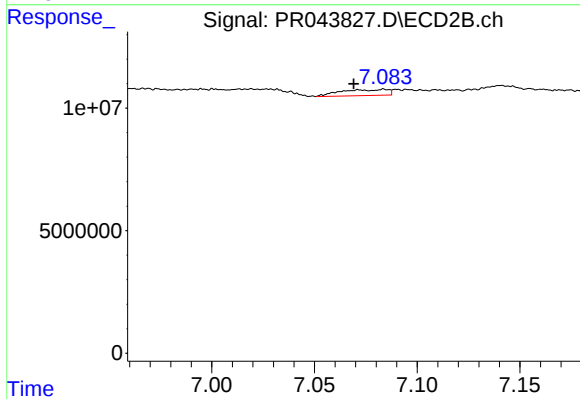
#29 AR-1254-4

R.T.: 6.717 min
Delta R.T.: 0.067 min
Response: 2316231
Conc: 3.22 ng/ml



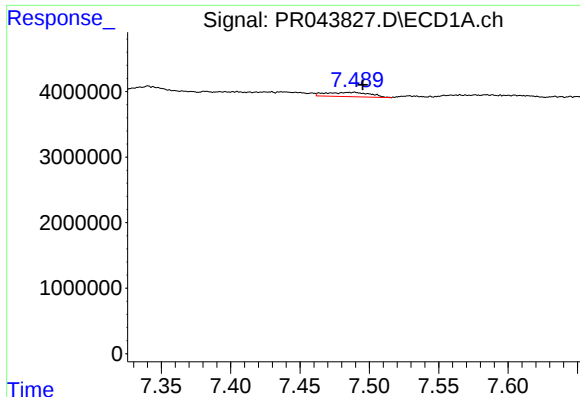
#30 AR-1254-5

R.T.: 8.023 min
Delta R.T.: -0.015 min
Response: 75287
Conc: 0.29 ng/ml



#30 AR-1254-5

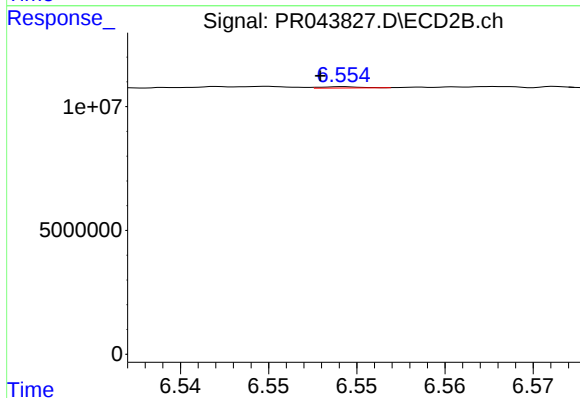
R.T.: 7.084 min
Delta R.T.: 0.015 min
Response: 3862372
Conc: 4.53 ng/ml



#31 AR-1260-1

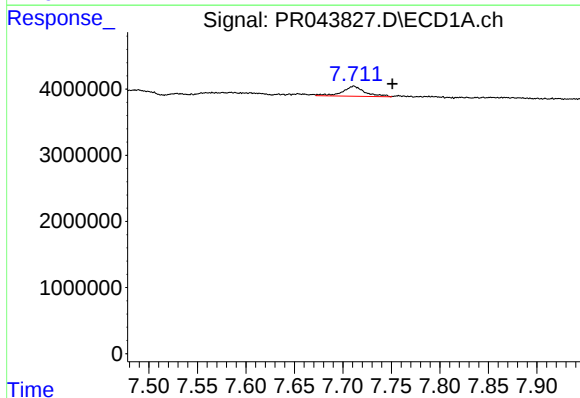
R.T.: 7.489 min
Delta R.T.: -0.006 min
Response: 1438731
Conc: 5.77 ng/ml

Instrument :
ECD_R
ClientSampleId :
BFQS5



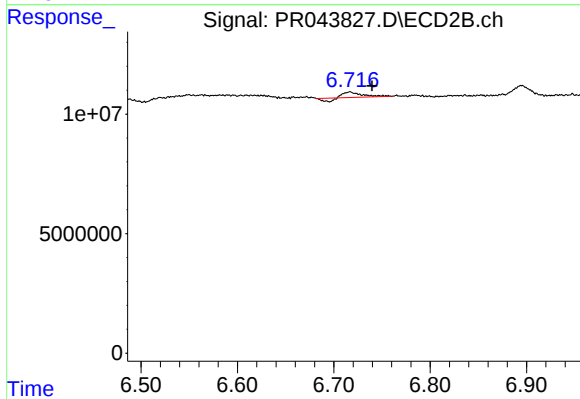
#31 AR-1260-1

R.T.: 6.554 min
Delta R.T.: 0.001 min
Response: 85936
Conc: 0.13 ng/ml



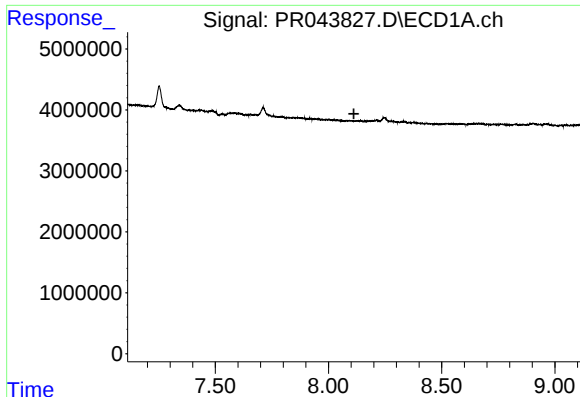
#32 AR-1260-2

R.T.: 7.711 min
Delta R.T.: -0.040 min
Response: 2433288
Conc: 8.19 ng/ml



#32 AR-1260-2

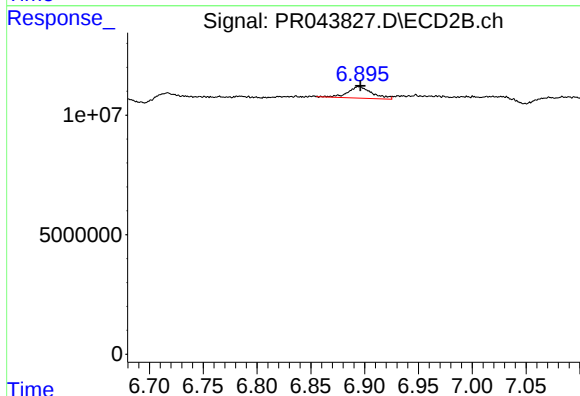
R.T.: 6.717 min
Delta R.T.: -0.023 min
Response: 2316231
Conc: 2.39 ng/ml



#33 AR-1260-3

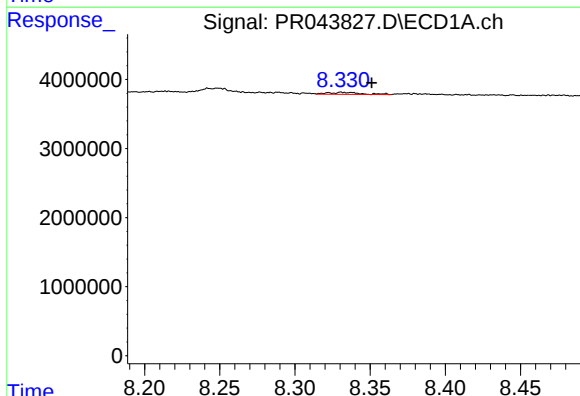
R.T.: 0.000 min
Exp R.T.: 8.112 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
BFQS5



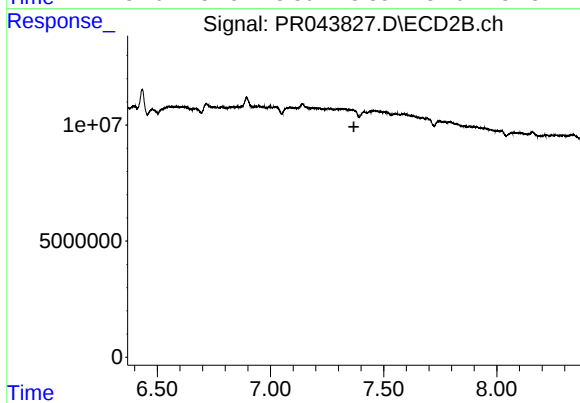
#33 AR-1260-3

R.T.: 6.895 min
Delta R.T.: 0.000 min
Response: 7512437
Conc: 9.62 ng/ml



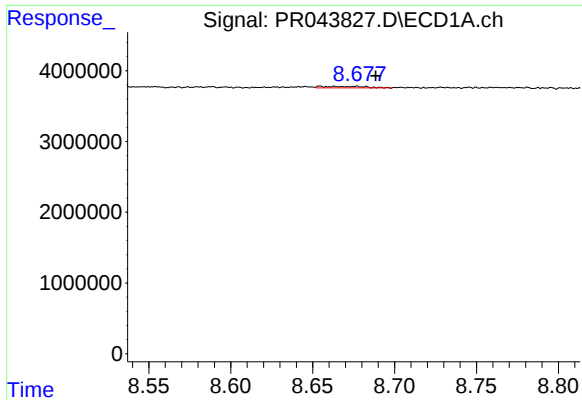
#34 AR-1260-4

R.T.: 8.331 min
Delta R.T.: -0.020 min
Response: 411152
Conc: 1.63 ng/ml



#34 AR-1260-4

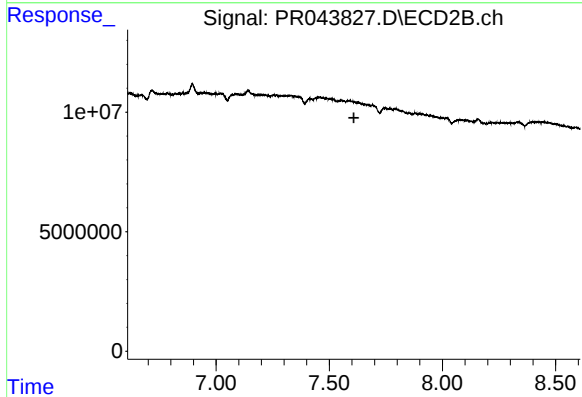
R.T.: 0.000 min
Exp R.T.: 7.369 min
Response: 0
Conc: N.D.



#35 AR-1260-5

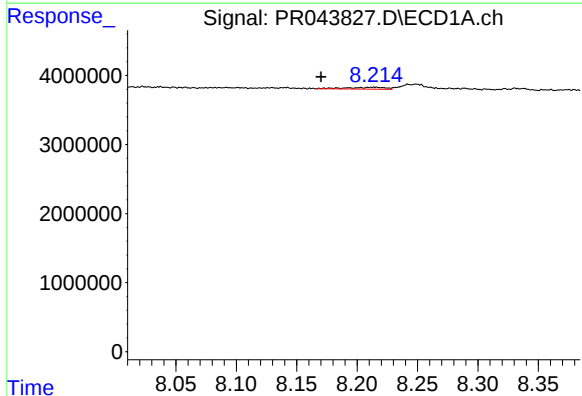
R.T.: 8.655 min
Delta R.T.: -0.034 min
Response: 388428
Conc: 0.81 ng/ml

Instrument :
ECD_R
ClientSampleId :
BFQS5



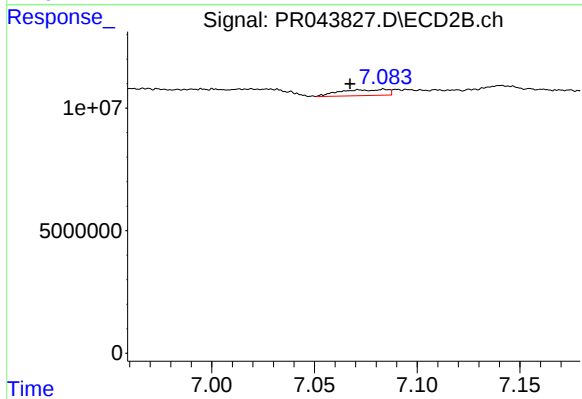
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T.: 7.609 min
Response: 0
Conc: N.D.



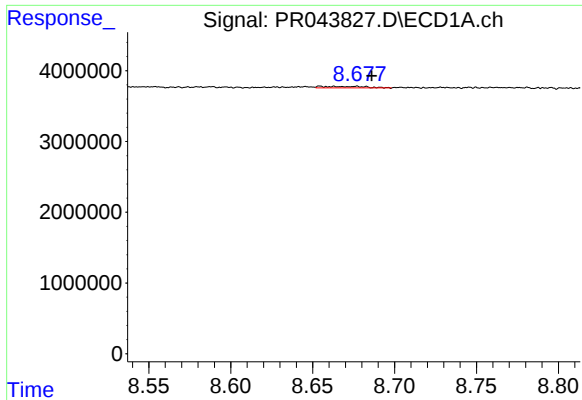
#36 AR-1262-1

R.T.: 8.214 min
Delta R.T.: 0.043 min
Response: 620420
Conc: 4.66 ng/ml



#36 AR-1262-1

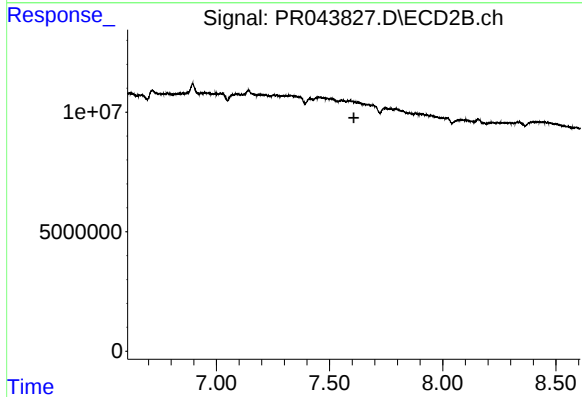
R.T.: 7.084 min
Delta R.T.: 0.016 min
Response: 3862372
Conc: 7.81 ng/ml



#37 AR-1262-2

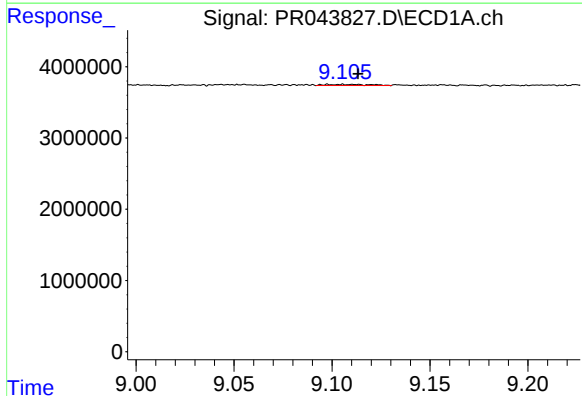
R.T.: 8.655 min
Delta R.T.: -0.032 min
Response: 388428
Conc: 0.68 ng/ml

Instrument :
ECD_R
ClientSampleId :
BFQS5



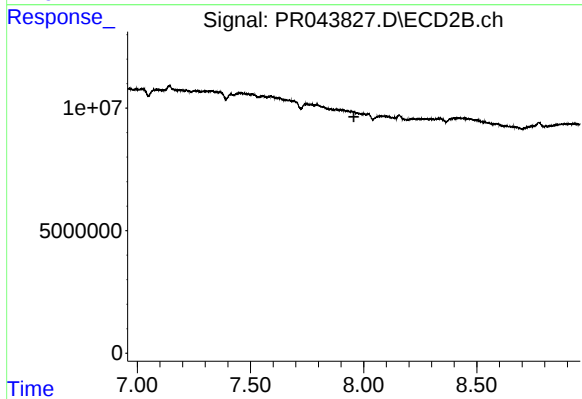
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 7.607 min
Response: 0
Conc: N.D.



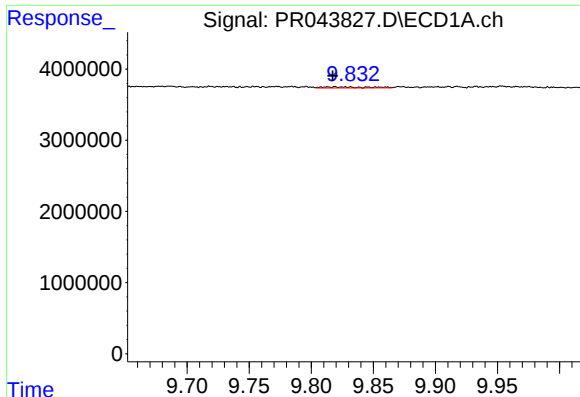
#39 AR-1262-4

R.T.: 9.105 min
Delta R.T.: -0.008 min
Response: 224530
Conc: 0.84 ng/ml



#39 AR-1262-4

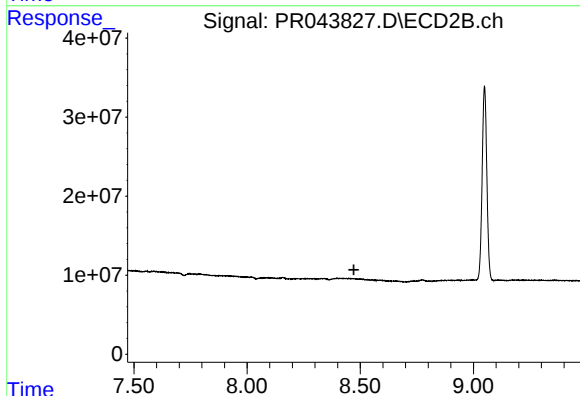
R.T.: 0.000 min
Exp R.T. : 7.957 min
Response: 0
Conc: N.D.



#40 AR-1262-5

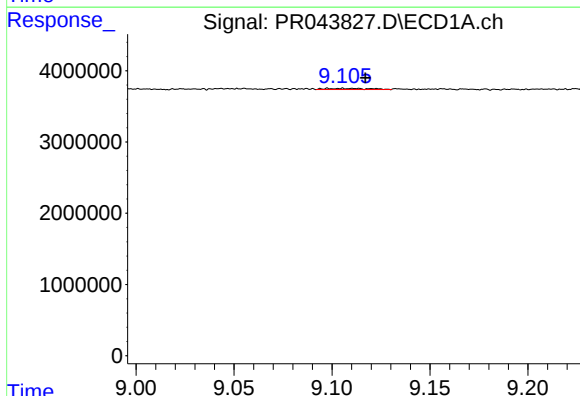
R.T.: 9.819 min
Delta R.T.: 0.002 min
Response: 374794
Conc: 1.99 ng/ml

Instrument :
ECD_R
ClientSampleId :
BFQS5



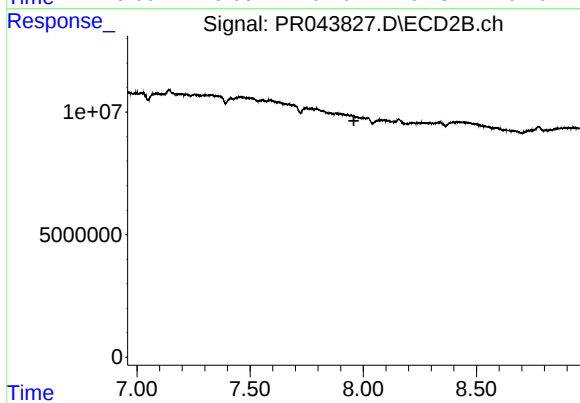
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 8.472 min
Response: 0
Conc: N.D.



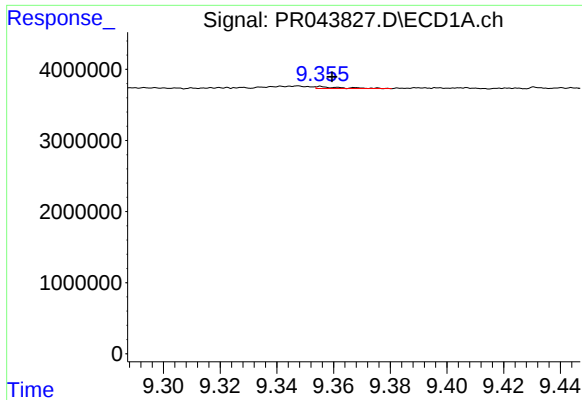
#42 AR-1268-2

R.T.: 9.105 min
Delta R.T.: -0.012 min
Response: 224530
Conc: 0.39 ng/ml



#42 AR-1268-2

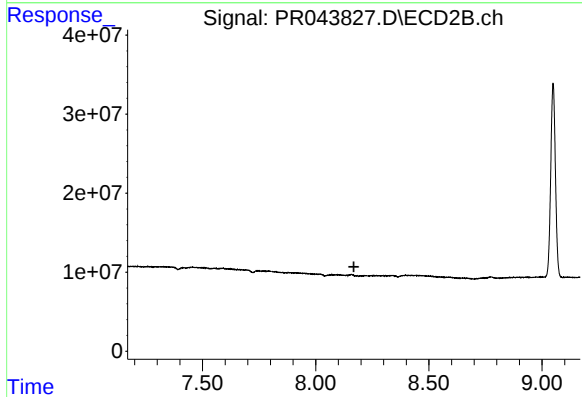
R.T.: 0.000 min
Exp R.T. : 7.958 min
Response: 0
Conc: N.D.



#43 AR-1268-3

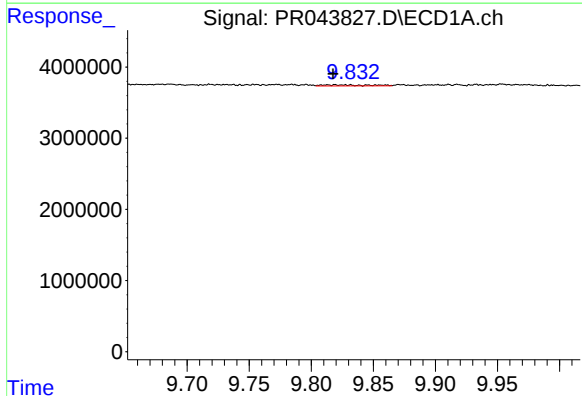
R.T.: 9.355 min
Delta R.T.: -0.005 min
Response: 167622
Conc: 0.36 ng/ml

Instrument :
ECD_R
ClientSampleId :
BFQS5



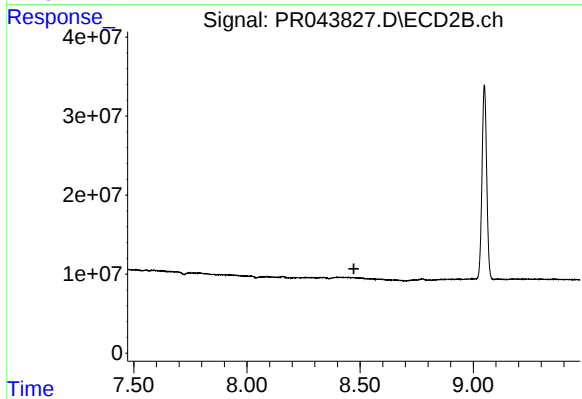
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 8.169 min
Response: 0
Conc: N.D.



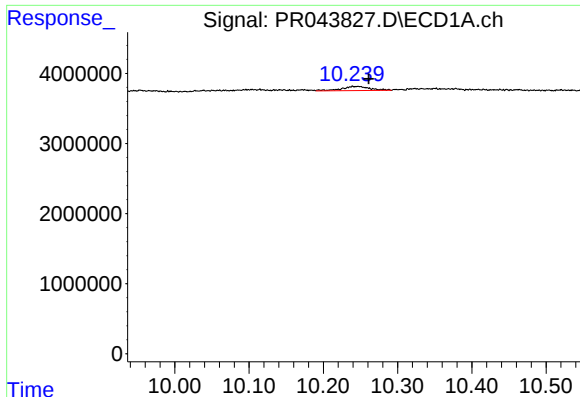
#44 AR-1268-4

R.T.: 9.819 min
Delta R.T.: 0.002 min
Response: 374794
Conc: 1.83 ng/ml



#44 AR-1268-4

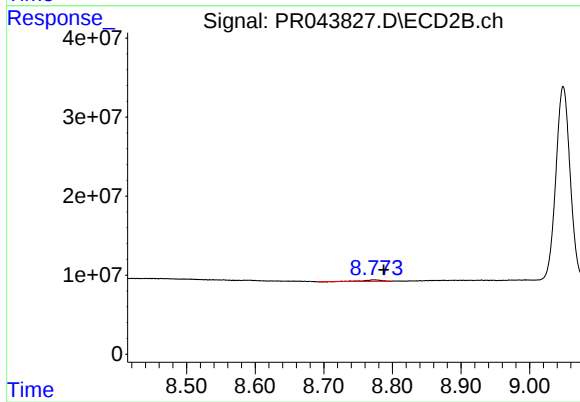
R.T.: 0.000 min
Exp R.T. : 8.472 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 10.246 min
Delta R.T.: -0.016 min
Response: 1576872
Conc: 1.01 ng/ml

Instrument :
ECD_R
ClientSampleId :
BFQS5



#45 AR-1268-5

R.T.: 8.774 min
Delta R.T.: -0.014 min
Response: 3175509
Conc: 0.75 ng/ml