

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ032119\
 Data File : PQ038021.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Mar 2019 11:28
 Operator : SM\SJ
 Sample : K1697-11
 Misc :
 ALS Vial : 142 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 20 11:43:23 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032019.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Mar 20 09:51:59 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...	4.185	3.636	108.8E6	53791213	18.701	17.416
2)	SA Decachlor...	9.600	8.508	61340316	25306386	12.723	11.304
Target Compounds							
3)	L1 AR-1016-1	5.347	4.720	2741672	7933212	13.623	70.509 #
4)	L1 AR-1016-2	5.347	4.720	2741672	7933212	8.736	46.833 #
5)	L1 AR-1016-3	5.429	4.889	5940070	10551606	32.615	122.419 #
6)	L1 AR-1016-4	5.516	4.914	16381883	6736497	109.508	97.379
7)	L1 AR-1016-5	5.787	5.081	3998854	5336615	27.542	61.222 #
8)	L2 AR-1221-1	4.411	0.000	374093	0	5.896	N.D. #
9)	L2 AR-1221-2	4.484	0.000	1943744	0	42.018	N.D. #
10)	L2 AR-1221-3	4.559	0.000	1374325	0	8.992	N.D. #
11)	L3 AR-1232-1	4.559	0.000	1374325	0	11.043	N.D. #
12)	L3 AR-1232-2	5.073	4.720	14803768	7933212	251.401	112.204 #
13)	L3 AR-1232-3	5.347	4.889	2741672	10551606	22.199	315.619 #
14)	L3 AR-1232-4	5.516	4.981	16381883	3912061	281.265	135.939 #
15)	L3 AR-1232-5	5.603	5.081	4980327	5336615	116.500	168.354 #
16)	L4 AR-1242-1	5.347	4.720	2741672	7933212	16.684	86.455 #
17)	L4 AR-1242-2	5.347	4.720	2741672	7933212	10.745	56.775 #
18)	L4 AR-1242-3	5.429	4.889	5940070	10551606	40.276	152.684 #
19)	L4 AR-1242-4	5.516	4.981	16381883	3912061	133.830	61.287 #
20)	L4 AR-1242-5	6.217	5.494	10011097	11320363	73.269	130.964 #
21)	L5 AR-1248-1	5.347	4.720	2741672	7933212	17.311	86.012 #
22)	L5 AR-1248-2	5.603	4.914	4980327	6736497	22.754	56.246 #
23)	L5 AR-1248-3	5.787	4.981	3998854	3912061	16.276	32.235 #
24)	L5 AR-1248-4	6.161	5.081	51334907	5336615	183.530	35.889 #
25)	L5 AR-1248-5	6.217	5.494	10011097	11320363	37.764	77.826 #
26)	L6 AR-1254-1	6.161	5.494	51334907	11320363	261.299	73.491 #
27)	L6 AR-1254-2	6.372	5.638	23288996	11383792	75.985	87.739
28)	L6 AR-1254-3	6.740	6.028	22791703	5638436	73.189	26.657 #
29)	L6 AR-1254-4	7.008	6.211	1816589	971268	7.156	6.056
30)	L6 AR-1254-5	7.425	0.000	1603805	0	5.435	N.D. #
31)	L7 AR-1260-1	6.862	6.161	6902788	1581088	26.655	10.187 #
32)	L7 AR-1260-2	7.149	6.337	8164662	5734844	23.686	30.396 #
33)	L7 AR-1260-3	7.486	0.000	3935834	0	13.877	N.D. #
34)	L7 AR-1260-4	7.712	0.000	2405184	0	8.934	N.D. #
35)	L7 AR-1260-5	8.019	0.000	3055293	0	4.849	N.D. #
36)	L8 AR-1262-1	7.538	0.000	4205159	0	27.229	N.D. #
37)	L8 AR-1262-2	8.019	0.000	3055293	0	4.355	N.D. #
38)	L8 AR-1262-3	8.293	0.000	1412949	0	4.714	N.D. #
39)	L8 AR-1262-4	8.376	0.000	330732	0	0.954	N.D. #
40)	L8 AR-1262-5	8.963	0.000	2869607	0	12.009	N.D. #
41)	L9 AR-1268-1	8.293	0.000	1412949	0	1.717	N.D. #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ032119\
Data File : PQ038021.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Mar 2019 11:28
Operator : SM\SJ
Sample : K1697-11
Misc :
ALS Vial : 142 Sample Multiplier: 1

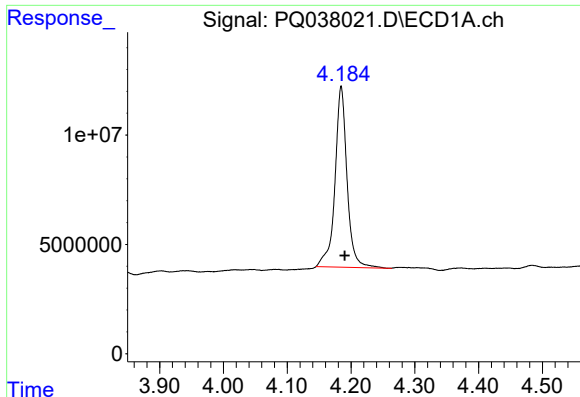
Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 20 11:43:23 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032019.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Mar 20 09:51:59 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	
42)	L9 AR-1268-2	8.392	0.000	55844	0	0.075	N.D.	#
43)	L9 AR-1268-3	8.572	0.000	1362759	0	2.078	N.D.	#
44)	L9 AR-1268-4	8.963	0.000	2869607	0	11.086	N.D.	#
45)	L9 AR-1268-5	9.321	0.000	4233863	0	2.169	N.D.	#

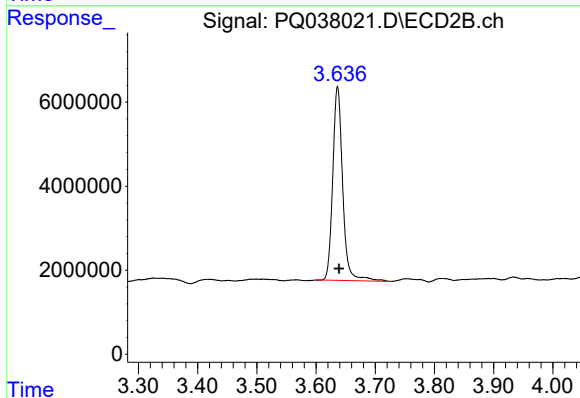
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

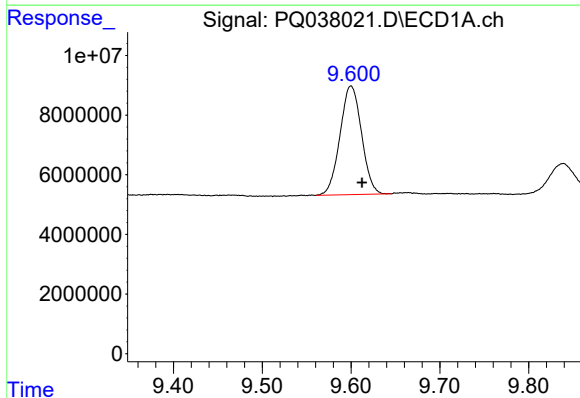
R.T.: 4.185 min
Delta R.T.: -0.005 min
Response: 108817307
Conc: 18.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



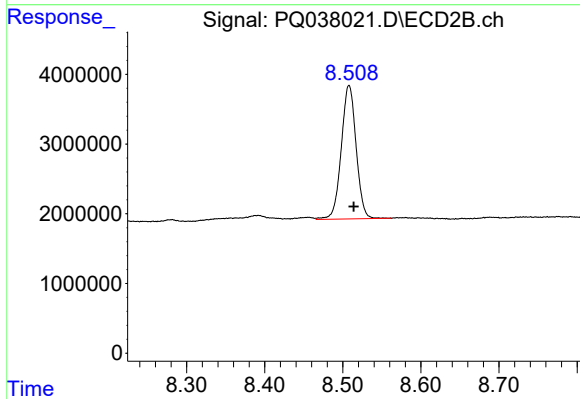
#1 Tetrachloro-m-xylene

R.T.: 3.636 min
Delta R.T.: -0.003 min
Response: 53791213
Conc: 17.42 ng/ml



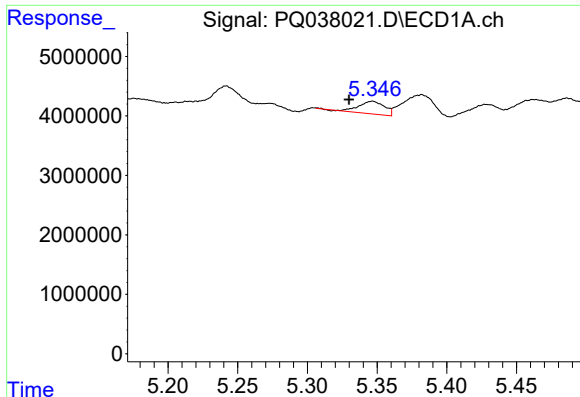
#2 Decachlorobiphenyl

R.T.: 9.600 min
Delta R.T.: -0.012 min
Response: 61340316
Conc: 12.72 ng/ml



#2 Decachlorobiphenyl

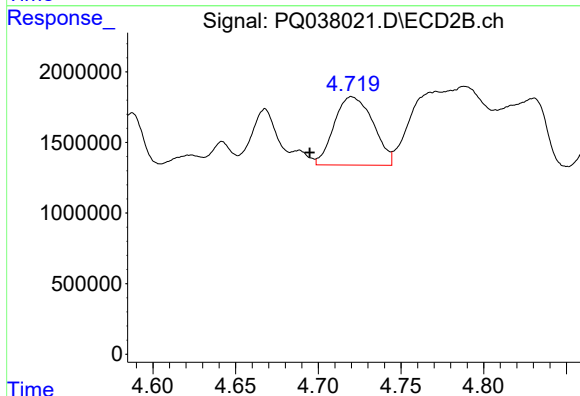
R.T.: 8.508 min
Delta R.T.: -0.006 min
Response: 25306386
Conc: 11.30 ng/ml



#3 AR-1016-1

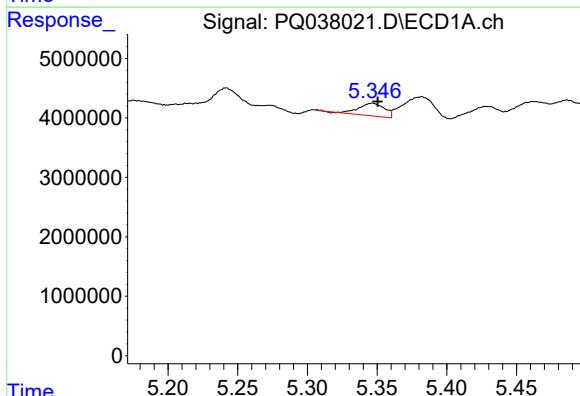
R.T.: 5.347 min
Delta R.T.: 0.017 min
Response: 2741672
Conc: 13.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



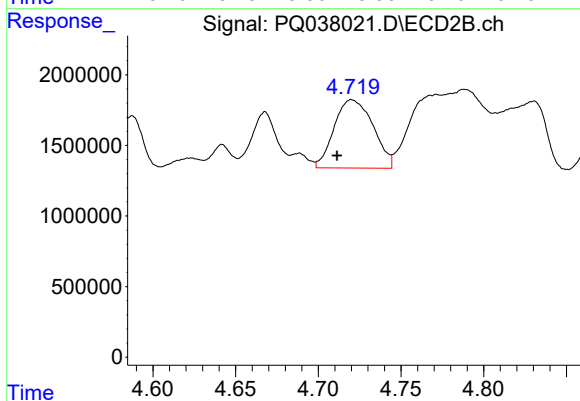
#3 AR-1016-1

R.T.: 4.720 min
Delta R.T.: 0.025 min
Response: 7933212
Conc: 70.51 ng/ml



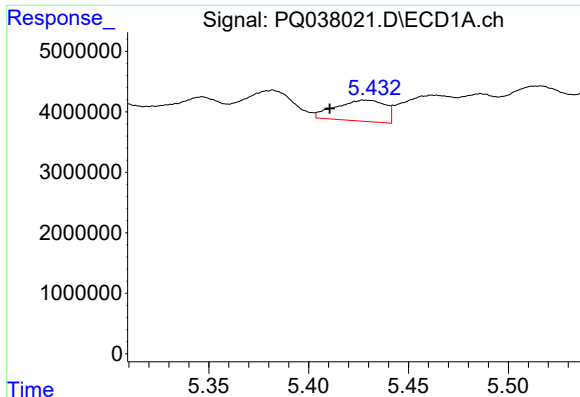
#4 AR-1016-2

R.T.: 5.347 min
Delta R.T.: -0.004 min
Response: 2741672
Conc: 8.74 ng/ml



#4 AR-1016-2

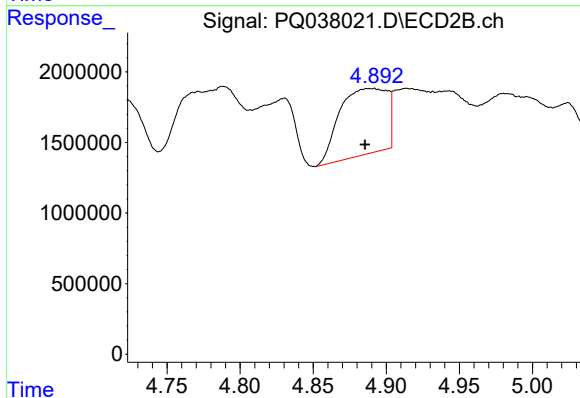
R.T.: 4.720 min
Delta R.T.: 0.009 min
Response: 7933212
Conc: 46.83 ng/ml



#5 AR-1016-3

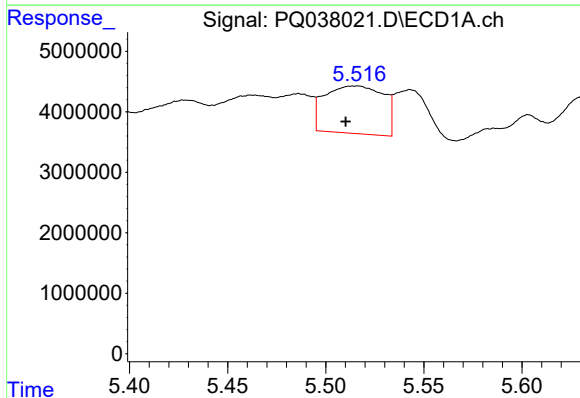
R.T.: 5.429 min
Delta R.T.: 0.018 min
Response: 5940070
Conc: 32.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



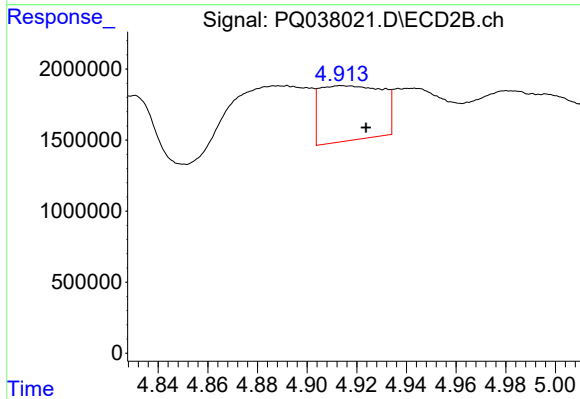
#5 AR-1016-3

R.T.: 4.889 min
Delta R.T.: 0.003 min
Response: 10551606
Conc: 122.42 ng/ml



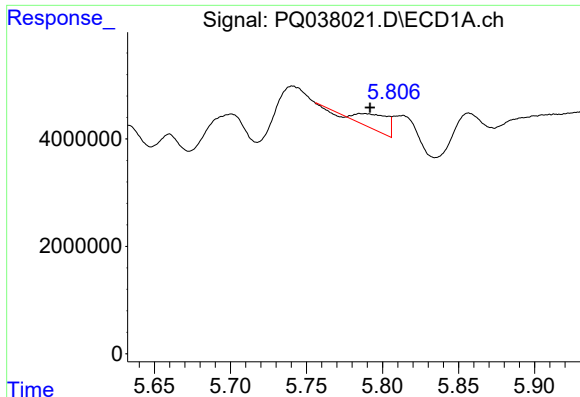
#6 AR-1016-4

R.T.: 5.516 min
Delta R.T.: 0.005 min
Response: 16381883
Conc: 109.51 ng/ml



#6 AR-1016-4

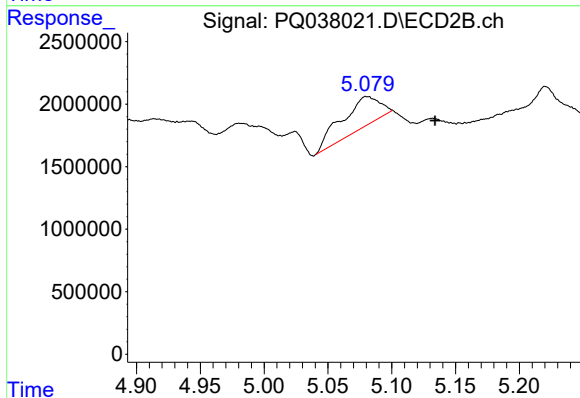
R.T.: 4.914 min
Delta R.T.: -0.010 min
Response: 6736497
Conc: 97.38 ng/ml



#7 AR-1016-5

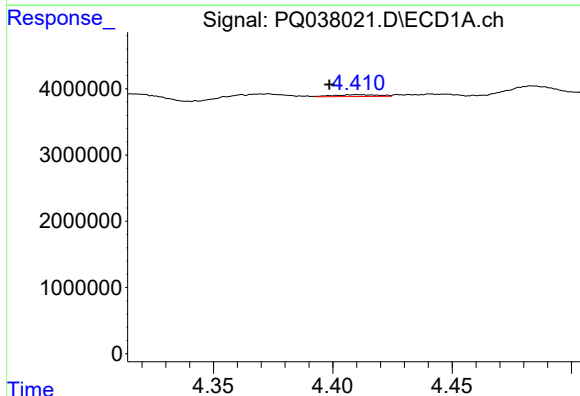
R.T.: 5.787 min
Delta R.T.: -0.005 min
Response: 3998854
Conc: 27.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



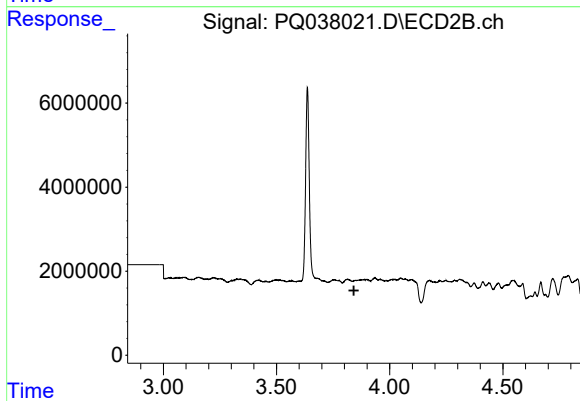
#7 AR-1016-5

R.T.: 5.081 min
Delta R.T.: -0.053 min
Response: 5336615
Conc: 61.22 ng/ml



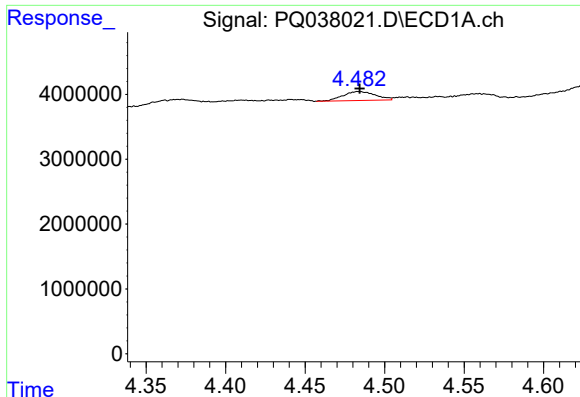
#8 AR-1221-1

R.T.: 4.411 min
Delta R.T.: 0.012 min
Response: 374093
Conc: 5.90 ng/ml



#8 AR-1221-1

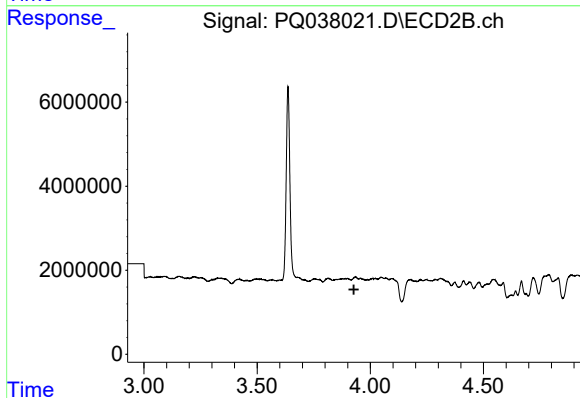
R.T.: 0.000 min
Exp R.T.: 3.842 min
Response: 0
Conc: N.D.



#9 AR-1221-2

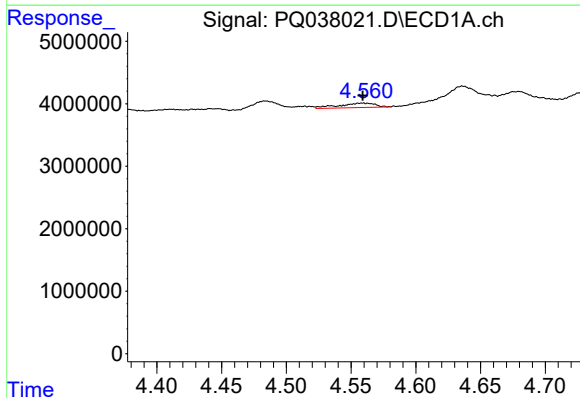
R.T.: 4.484 min
Delta R.T.: 0.000 min
Response: 1943744
Conc: 42.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



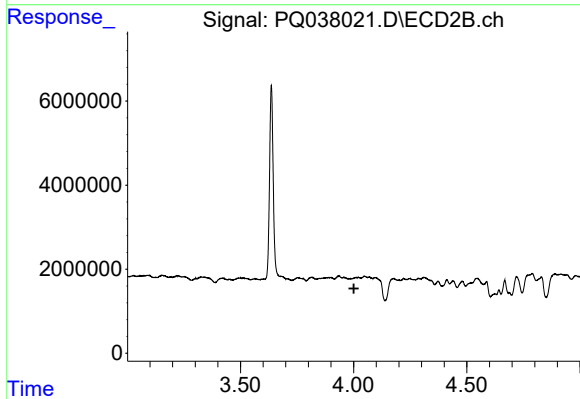
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 3.928 min
Response: 0
Conc: N.D.



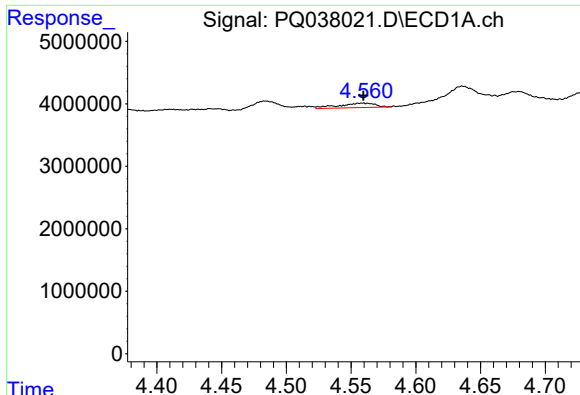
#10 AR-1221-3

R.T.: 4.559 min
Delta R.T.: 0.000 min
Response: 1374325
Conc: 8.99 ng/ml



#10 AR-1221-3

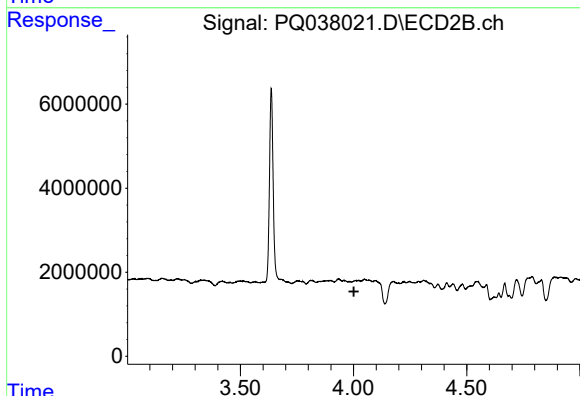
R.T.: 0.000 min
Exp R.T. : 4.001 min
Response: 0
Conc: N.D.



#11 AR-1232-1

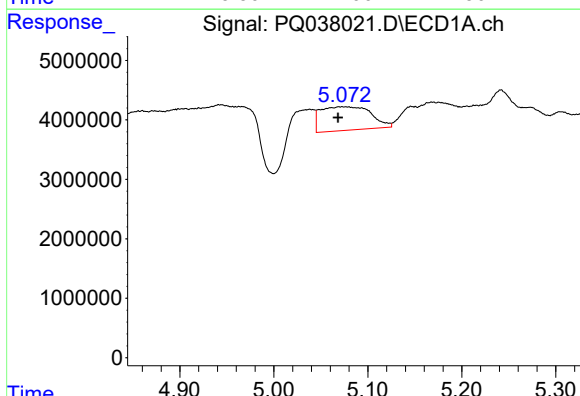
R.T.: 4.559 min
Delta R.T.: 0.000 min
Response: 1374325
Conc: 11.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



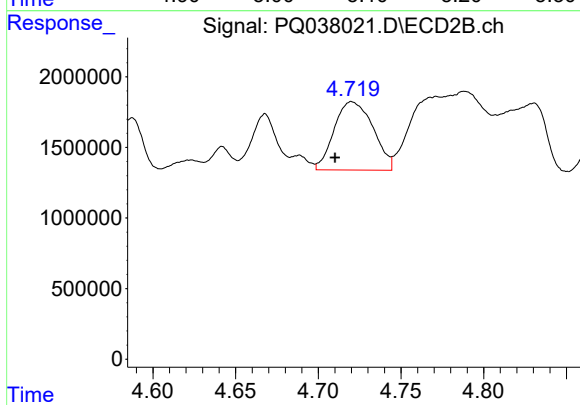
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.001 min
Response: 0
Conc: N.D.



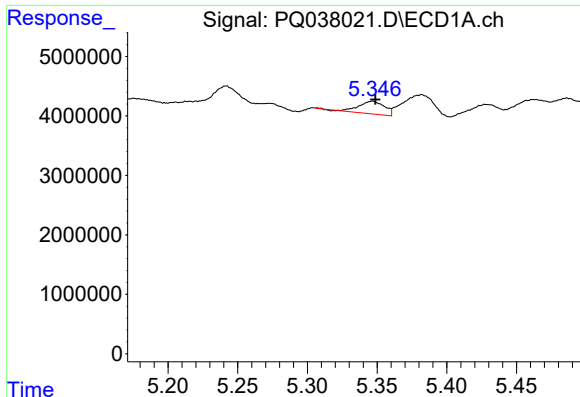
#12 AR-1232-2

R.T.: 5.073 min
Delta R.T.: 0.004 min
Response: 14803768
Conc: 251.40 ng/ml



#12 AR-1232-2

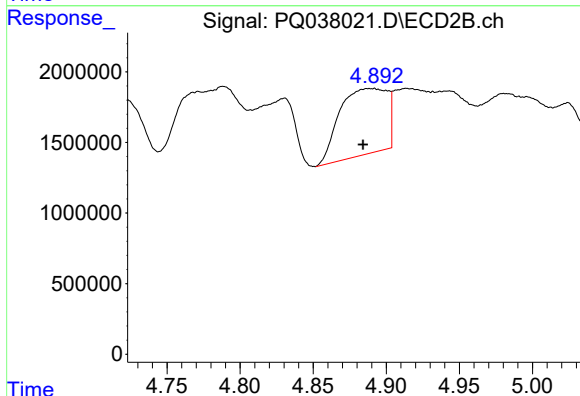
R.T.: 4.720 min
Delta R.T.: 0.010 min
Response: 7933212
Conc: 112.20 ng/ml



#13 AR-1232-3

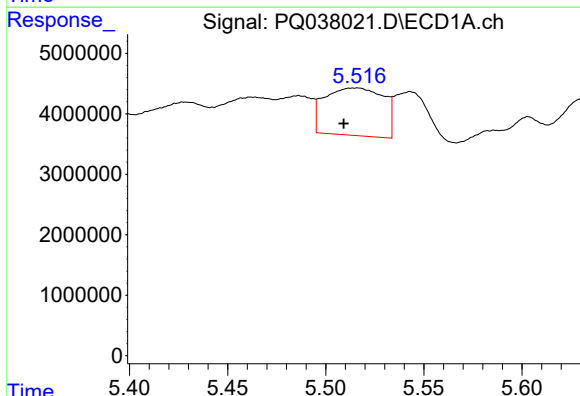
R.T.: 5.347 min
Delta R.T.: -0.002 min
Response: 2741672
Conc: 22.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



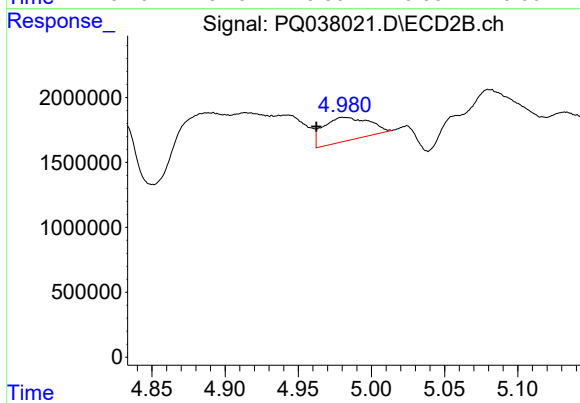
#13 AR-1232-3

R.T.: 4.889 min
Delta R.T.: 0.005 min
Response: 10551606
Conc: 315.62 ng/ml



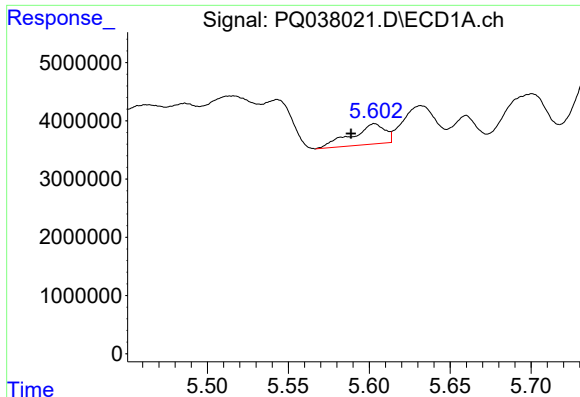
#14 AR-1232-4

R.T.: 5.516 min
Delta R.T.: 0.006 min
Response: 16381883
Conc: 281.27 ng/ml



#14 AR-1232-4

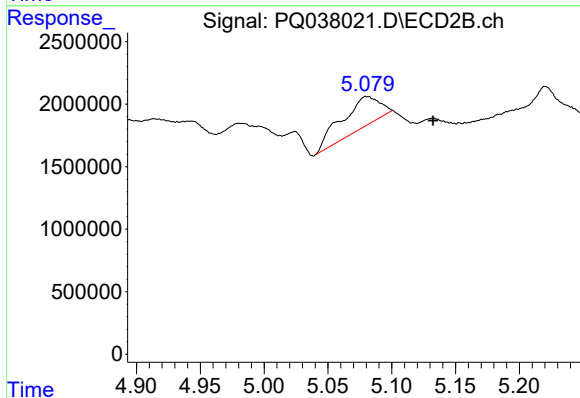
R.T.: 4.981 min
Delta R.T.: 0.019 min
Response: 3912061
Conc: 135.94 ng/ml



#15 AR-1232-5

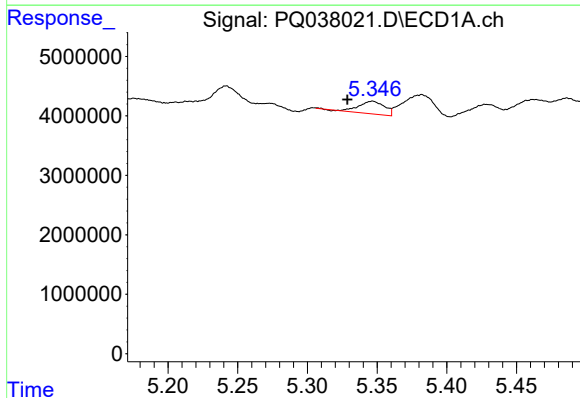
R.T.: 5.603 min
Delta R.T.: 0.015 min
Response: 4980327
Conc: 116.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



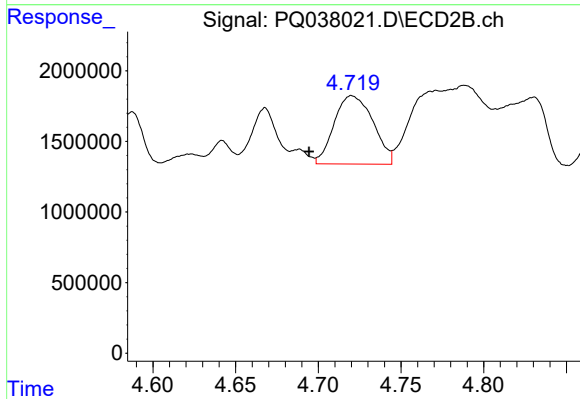
#15 AR-1232-5

R.T.: 5.081 min
Delta R.T.: -0.052 min
Response: 5336615
Conc: 168.35 ng/ml



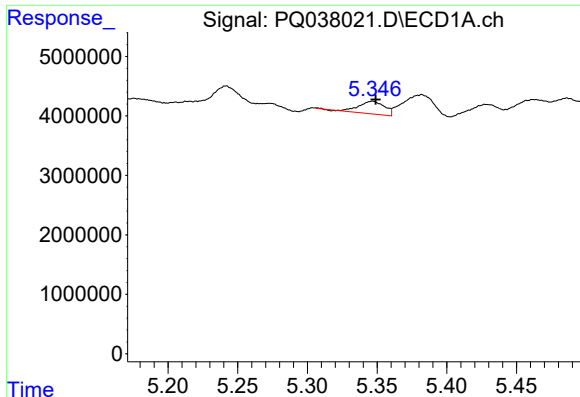
#16 AR-1242-1

R.T.: 5.347 min
Delta R.T.: 0.018 min
Response: 2741672
Conc: 16.68 ng/ml



#16 AR-1242-1

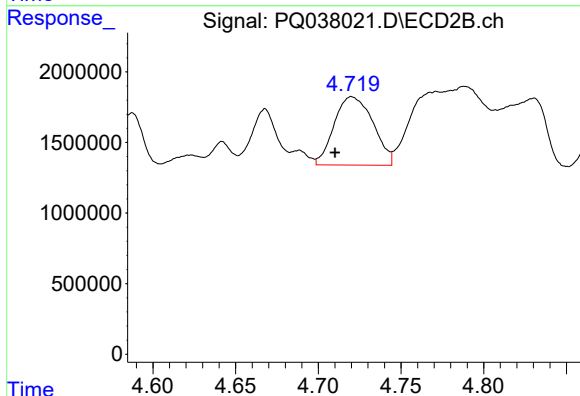
R.T.: 4.720 min
Delta R.T.: 0.026 min
Response: 7933212
Conc: 86.45 ng/ml



#17 AR-1242-2

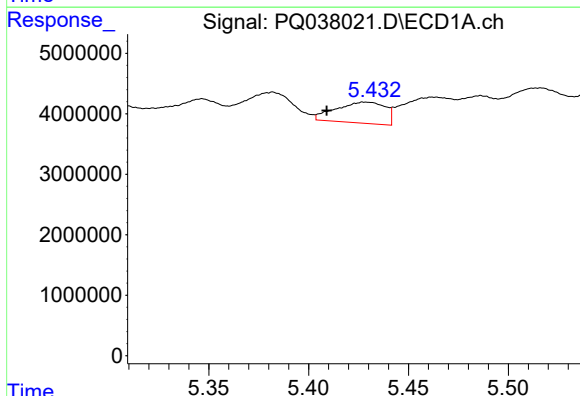
R.T.: 5.347 min
Delta R.T.: -0.002 min
Response: 2741672
Conc: 10.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



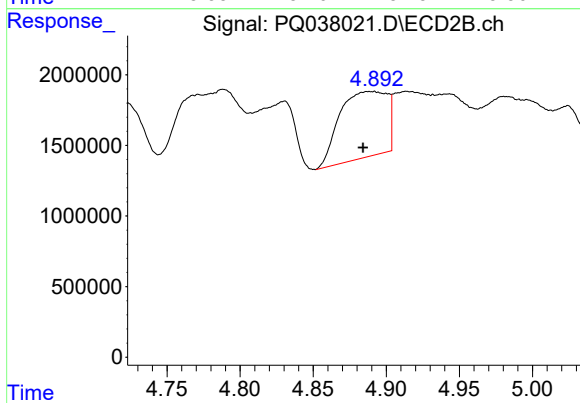
#17 AR-1242-2

R.T.: 4.720 min
Delta R.T.: 0.010 min
Response: 7933212
Conc: 56.78 ng/ml



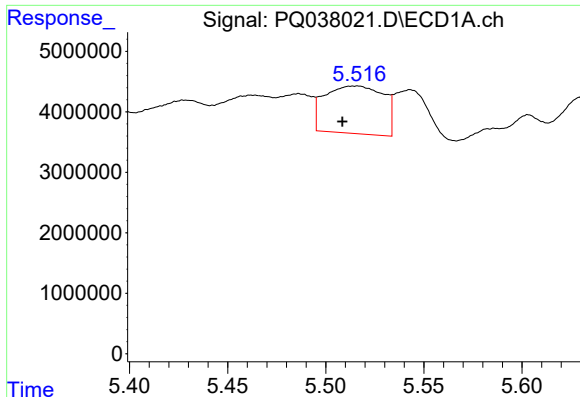
#18 AR-1242-3

R.T.: 5.429 min
Delta R.T.: 0.019 min
Response: 5940070
Conc: 40.28 ng/ml



#18 AR-1242-3

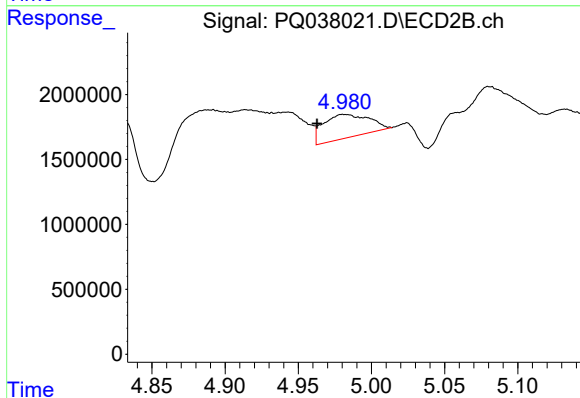
R.T.: 4.889 min
Delta R.T.: 0.005 min
Response: 10551606
Conc: 152.68 ng/ml



#19 AR-1242-4

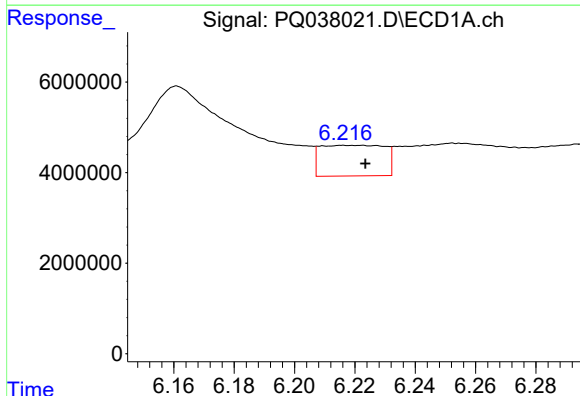
R.T.: 5.516 min
Delta R.T.: 0.007 min
Response: 16381883
Conc: 133.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



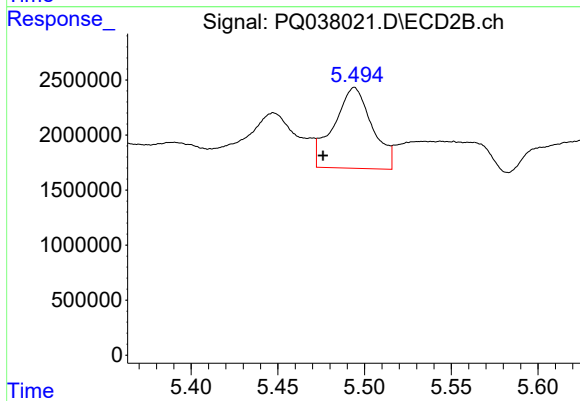
#19 AR-1242-4

R.T.: 4.981 min
Delta R.T.: 0.018 min
Response: 3912061
Conc: 61.29 ng/ml



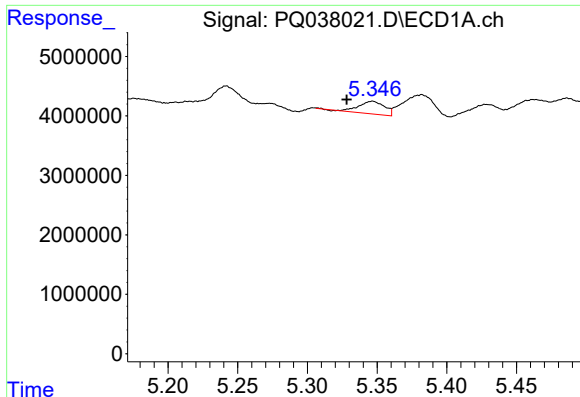
#20 AR-1242-5

R.T.: 6.217 min
Delta R.T.: -0.007 min
Response: 10011097
Conc: 73.27 ng/ml



#20 AR-1242-5

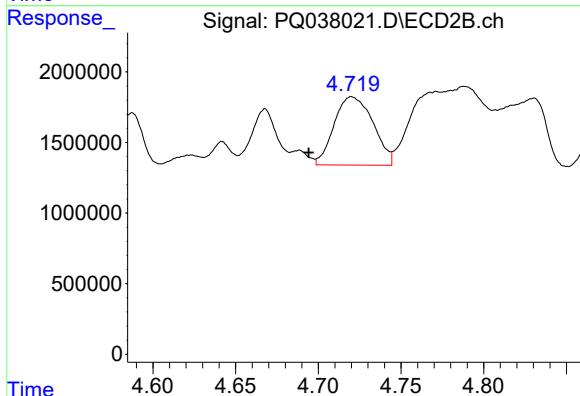
R.T.: 5.494 min
Delta R.T.: 0.018 min
Response: 11320363
Conc: 130.96 ng/ml



#21 AR-1248-1

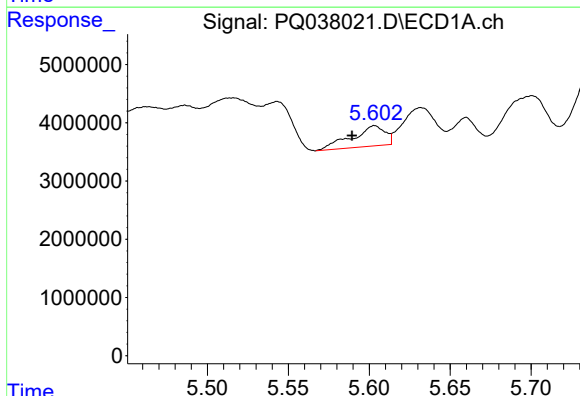
R.T.: 5.347 min
Delta R.T.: 0.018 min
Response: 2741672
Conc: 17.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



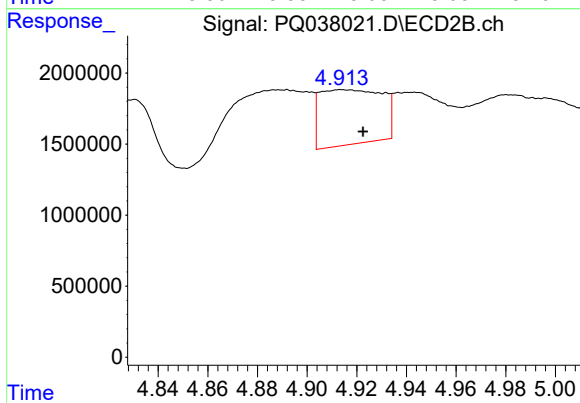
#21 AR-1248-1

R.T.: 4.720 min
Delta R.T.: 0.026 min
Response: 7933212
Conc: 86.01 ng/ml



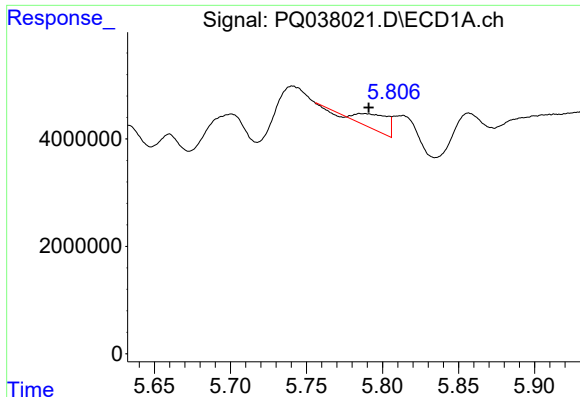
#22 AR-1248-2

R.T.: 5.603 min
Delta R.T.: 0.014 min
Response: 4980327
Conc: 22.75 ng/ml



#22 AR-1248-2

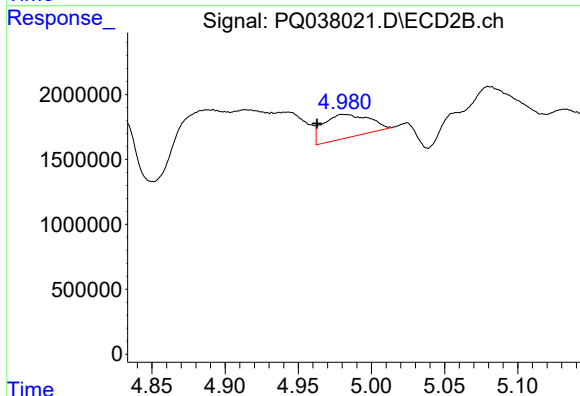
R.T.: 4.914 min
Delta R.T.: -0.008 min
Response: 6736497
Conc: 56.25 ng/ml



#23 AR-1248-3

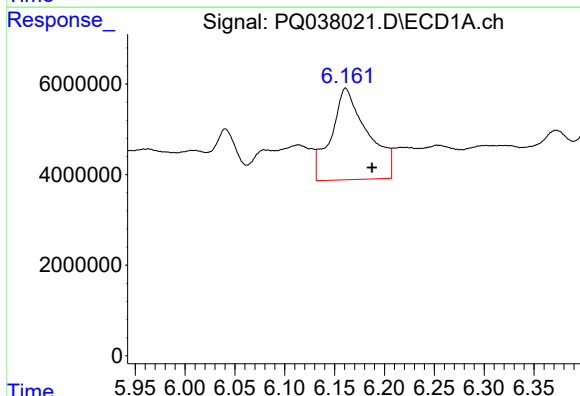
R.T.: 5.787 min
Delta R.T.: -0.004 min
Response: 3998854
Conc: 16.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



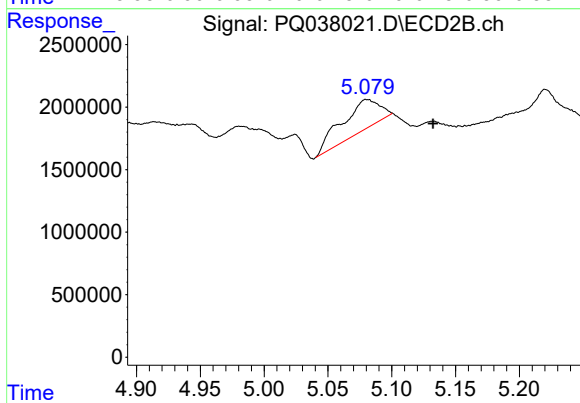
#23 AR-1248-3

R.T.: 4.981 min
Delta R.T.: 0.018 min
Response: 3912061
Conc: 32.23 ng/ml



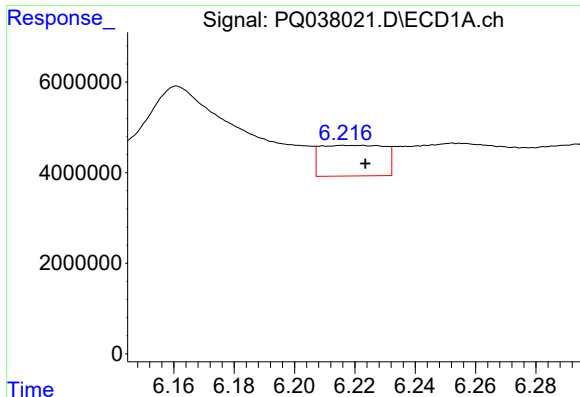
#24 AR-1248-4

R.T.: 6.161 min
Delta R.T.: -0.026 min
Response: 51334907
Conc: 183.53 ng/ml



#24 AR-1248-4

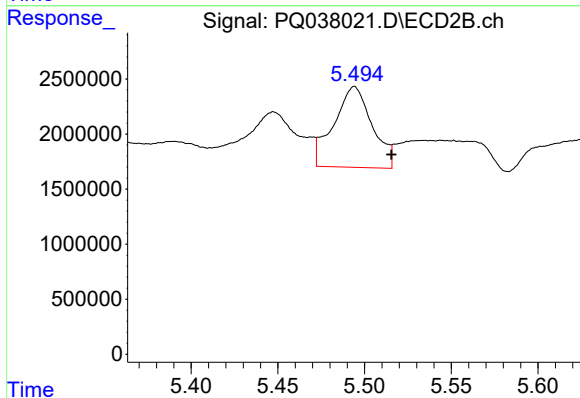
R.T.: 5.081 min
Delta R.T.: -0.052 min
Response: 5336615
Conc: 35.89 ng/ml



#25 AR-1248-5

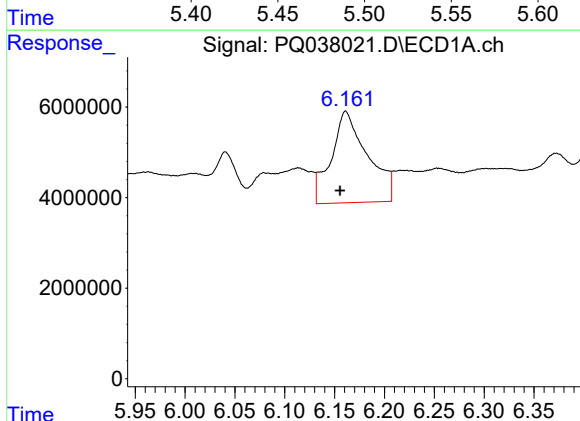
R.T.: 6.217 min
Delta R.T.: -0.007 min
Response: 10011097
Conc: 37.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



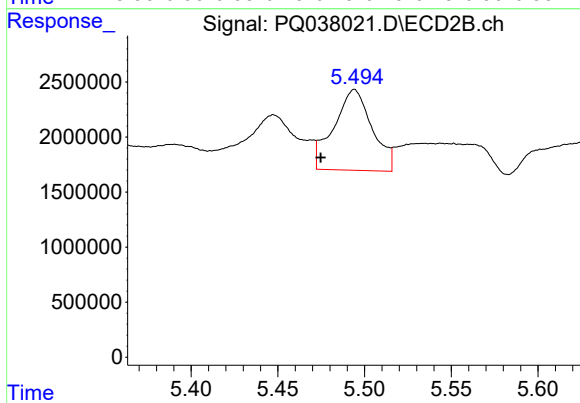
#25 AR-1248-5

R.T.: 5.494 min
Delta R.T.: -0.021 min
Response: 11320363
Conc: 77.83 ng/ml



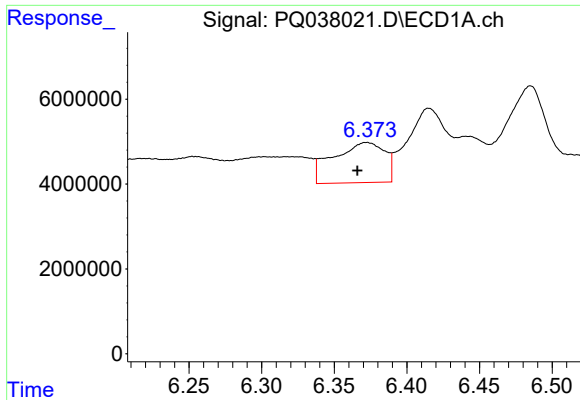
#26 AR-1254-1

R.T.: 6.161 min
Delta R.T.: 0.006 min
Response: 51334907
Conc: 261.30 ng/ml



#26 AR-1254-1

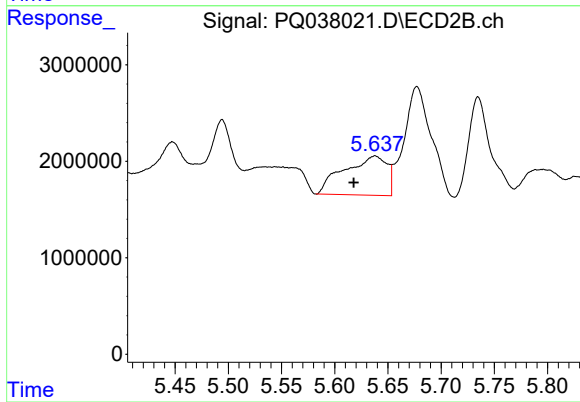
R.T.: 5.494 min
Delta R.T.: 0.019 min
Response: 11320363
Conc: 73.49 ng/ml



#27 AR-1254-2

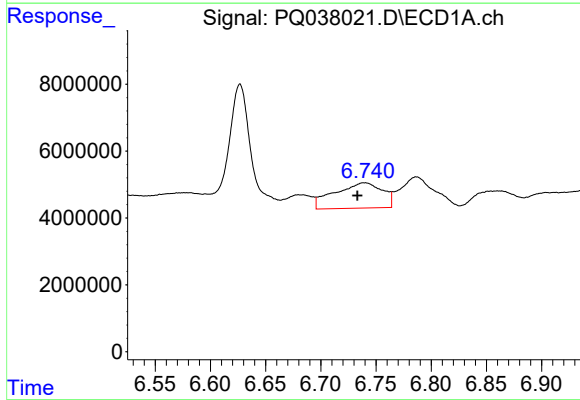
R.T.: 6.372 min
Delta R.T.: 0.006 min
Response: 23288996
Conc: 75.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



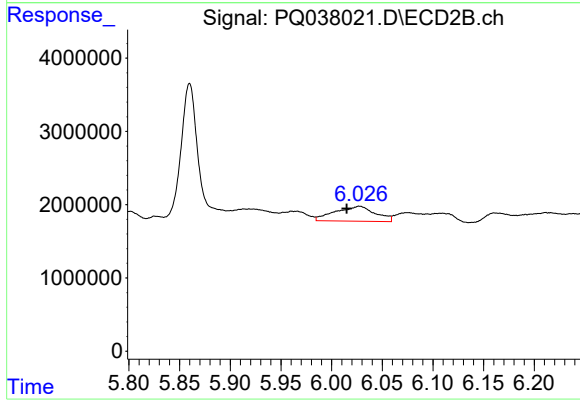
#27 AR-1254-2

R.T.: 5.638 min
Delta R.T.: 0.020 min
Response: 11383792
Conc: 87.74 ng/ml



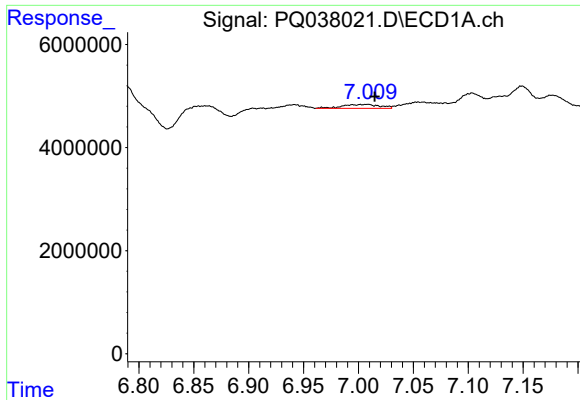
#28 AR-1254-3

R.T.: 6.740 min
Delta R.T.: 0.006 min
Response: 22791703
Conc: 73.19 ng/ml



#28 AR-1254-3

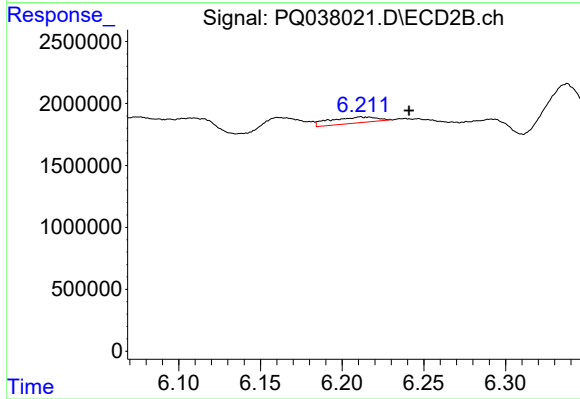
R.T.: 6.028 min
Delta R.T.: 0.013 min
Response: 5638436
Conc: 26.66 ng/ml



#29 AR-1254-4

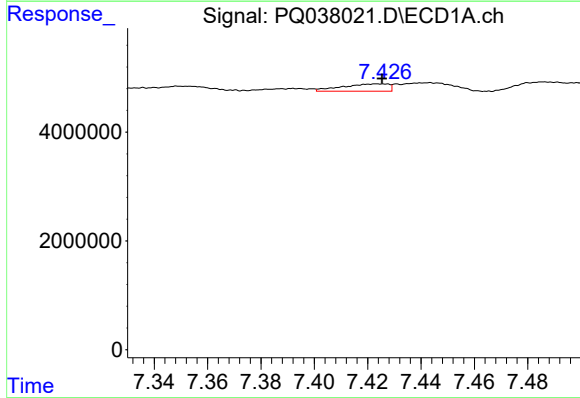
R.T.: 7.008 min
Delta R.T.: -0.006 min
Response: 1816589
Conc: 7.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



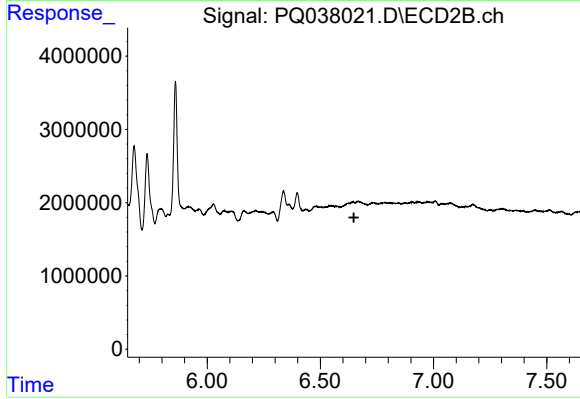
#29 AR-1254-4

R.T.: 6.211 min
Delta R.T.: -0.030 min
Response: 971268
Conc: 6.06 ng/ml



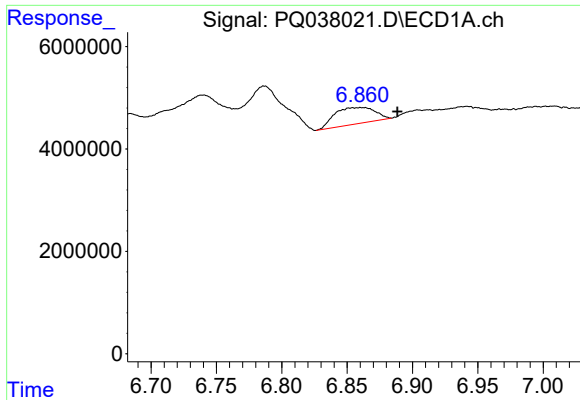
#30 AR-1254-5

R.T.: 7.425 min
Delta R.T.: 0.000 min
Response: 1603805
Conc: 5.44 ng/ml



#30 AR-1254-5

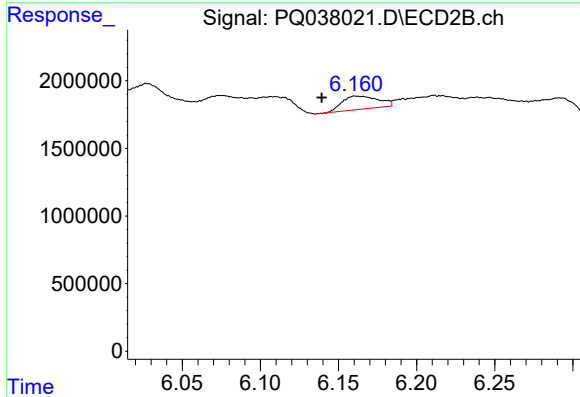
R.T.: 0.000 min
Exp R.T.: 6.648 min
Response: 0
Conc: N.D.



#31 AR-1260-1

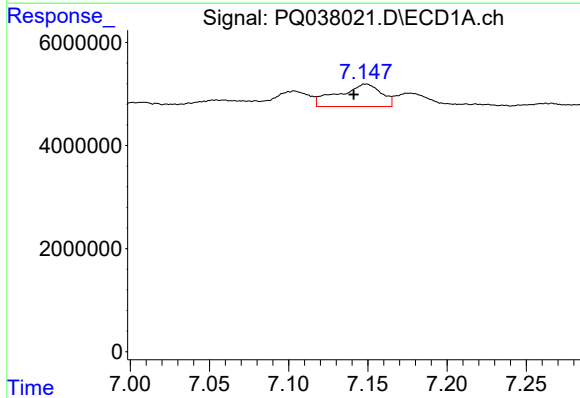
R.T.: 6.862 min
Delta R.T.: -0.027 min
Response: 6902788
Conc: 26.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



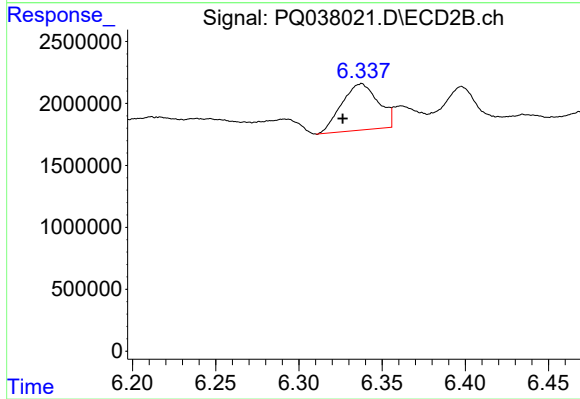
#31 AR-1260-1

R.T.: 6.161 min
Delta R.T.: 0.022 min
Response: 1581088
Conc: 10.19 ng/ml



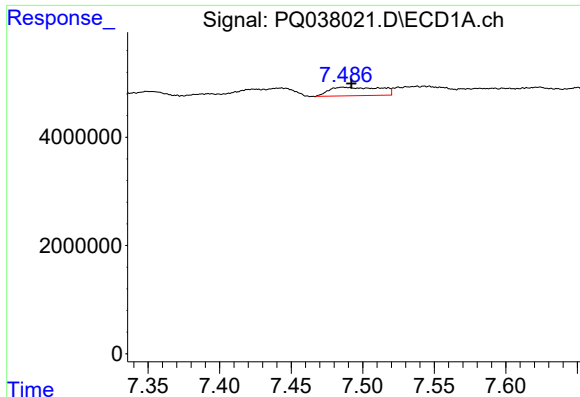
#32 AR-1260-2

R.T.: 7.149 min
Delta R.T.: 0.008 min
Response: 8164662
Conc: 23.69 ng/ml



#32 AR-1260-2

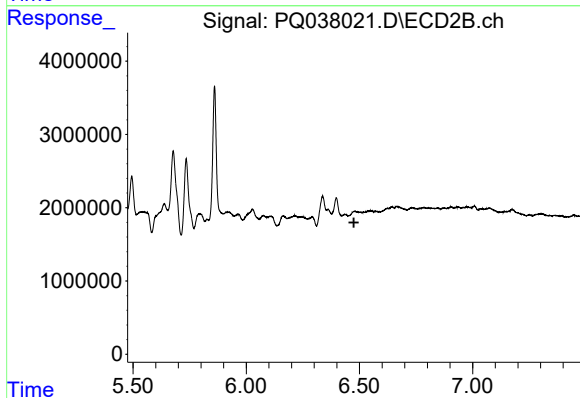
R.T.: 6.337 min
Delta R.T.: 0.011 min
Response: 5734844
Conc: 30.40 ng/ml



#33 AR-1260-3

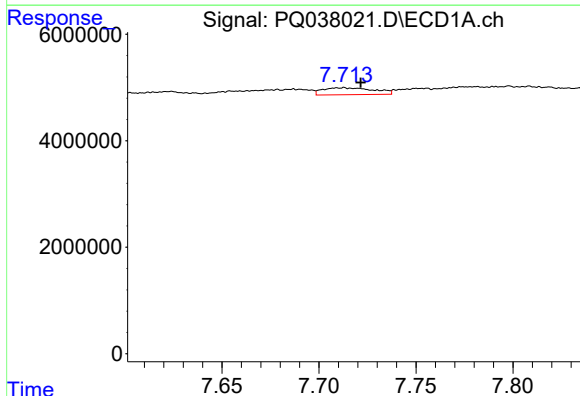
R.T.: 7.486 min
Delta R.T.: -0.006 min
Response: 3935834
Conc: 13.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



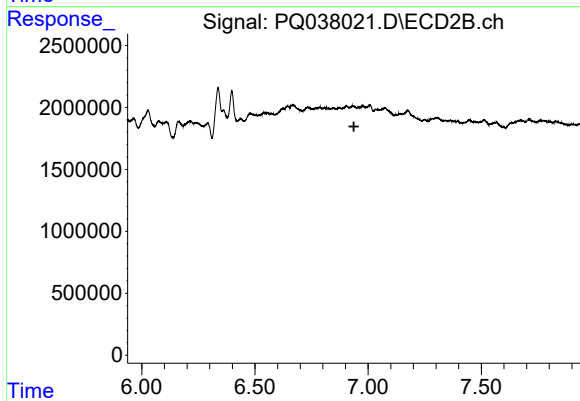
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 6.475 min
Response: 0
Conc: N.D.



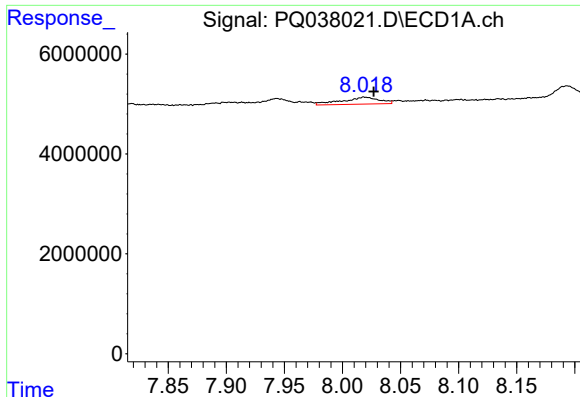
#34 AR-1260-4

R.T.: 7.712 min
Delta R.T.: -0.009 min
Response: 2405184
Conc: 8.93 ng/ml



#34 AR-1260-4

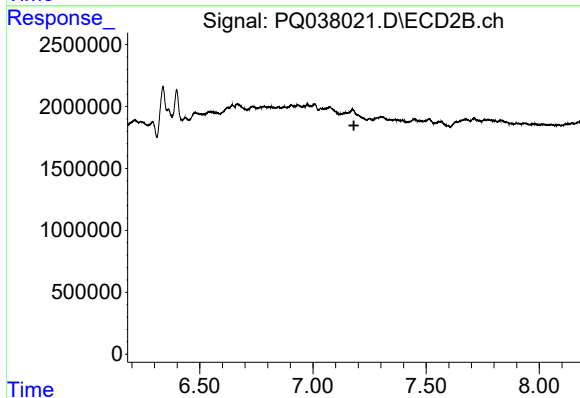
R.T.: 0.000 min
Exp R.T. : 6.937 min
Response: 0
Conc: N.D.



#35 AR-1260-5

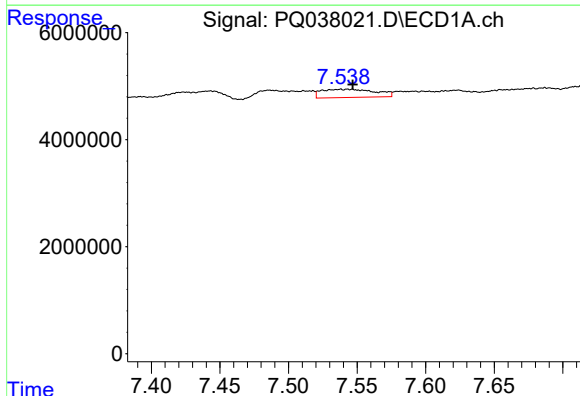
R.T.: 8.019 min
Delta R.T.: -0.008 min
Response: 3055293
Conc: 4.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



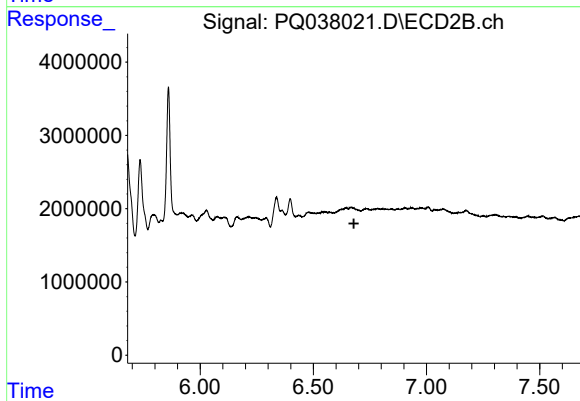
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 7.181 min
Response: 0
Conc: N.D.



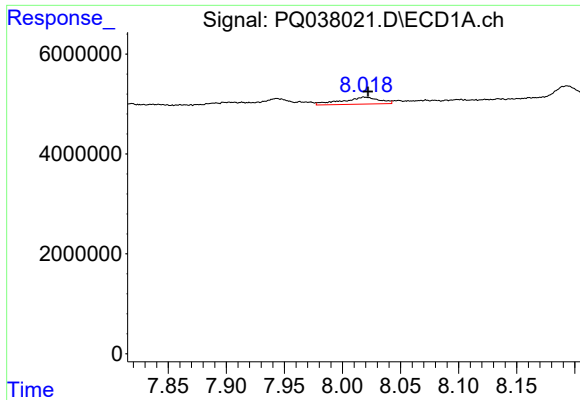
#36 AR-1262-1

R.T.: 7.538 min
Delta R.T.: -0.009 min
Response: 4205159
Conc: 27.23 ng/ml



#36 AR-1262-1

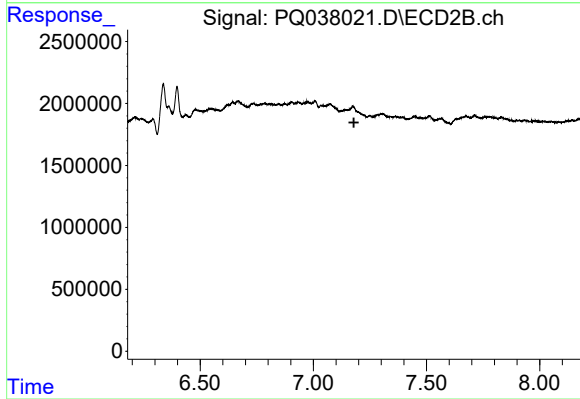
R.T.: 0.000 min
Exp R.T. : 6.679 min
Response: 0
Conc: N.D.



#37 AR-1262-2

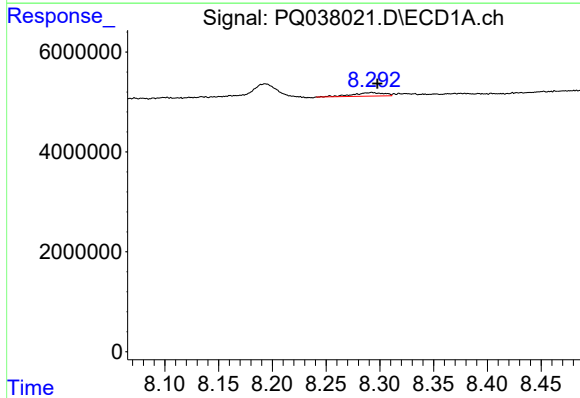
R.T.: 8.019 min
Delta R.T.: -0.003 min
Response: 3055293
Conc: 4.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



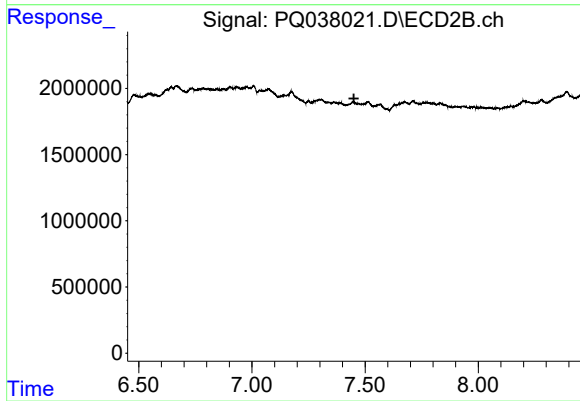
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 7.179 min
Response: 0
Conc: N.D.



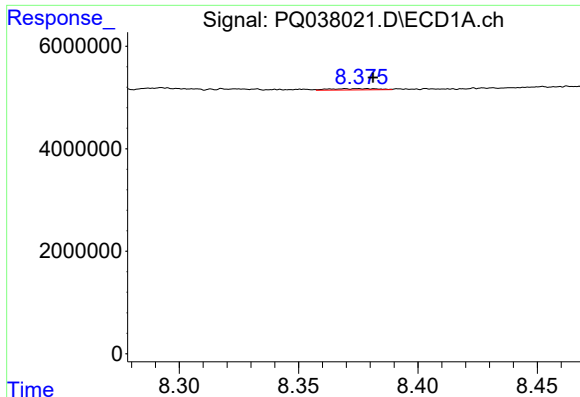
#38 AR-1262-3

R.T.: 8.293 min
Delta R.T.: -0.005 min
Response: 1412949
Conc: 4.71 ng/ml



#38 AR-1262-3

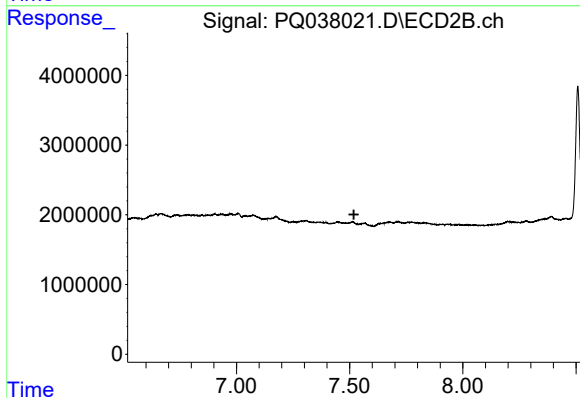
R.T.: 0.000 min
Exp R.T. : 7.450 min
Response: 0
Conc: N.D.



#39 AR-1262-4

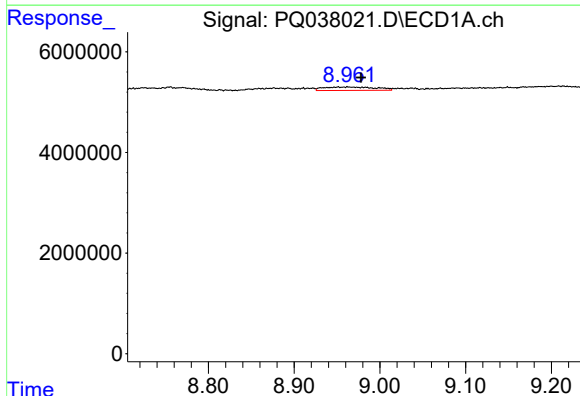
R.T.: 8.376 min
Delta R.T.: -0.006 min
Response: 330732
Conc: 0.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



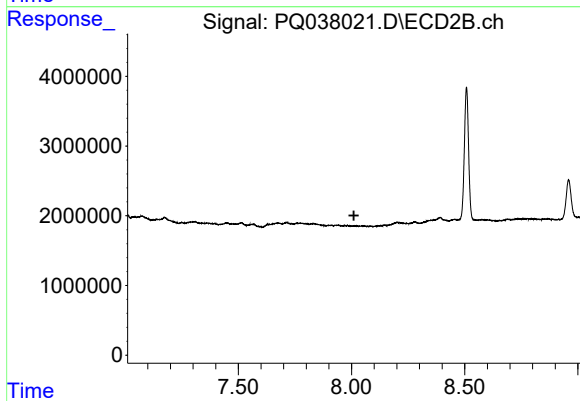
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 7.519 min
Response: 0
Conc: N.D.



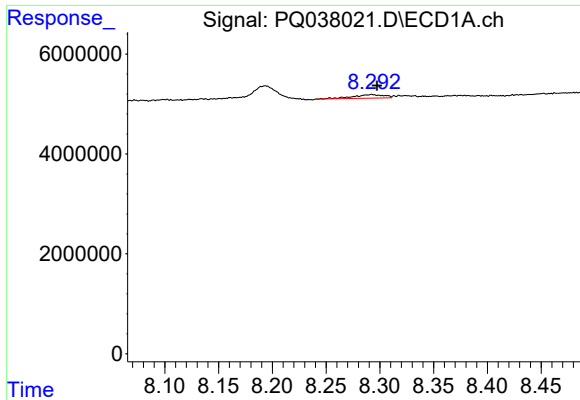
#40 AR-1262-5

R.T.: 8.963 min
Delta R.T.: -0.015 min
Response: 2869607
Conc: 12.01 ng/ml



#40 AR-1262-5

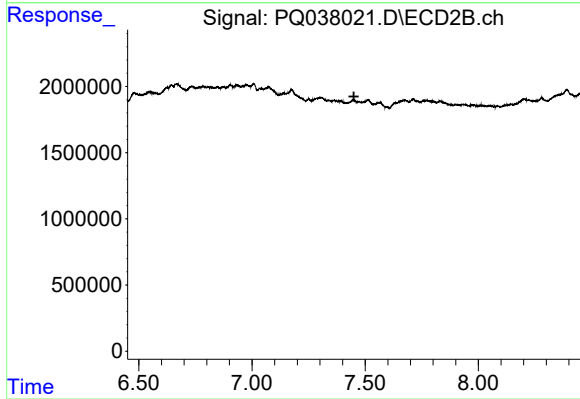
R.T.: 0.000 min
Exp R.T. : 8.011 min
Response: 0
Conc: N.D.



#41 AR-1268-1

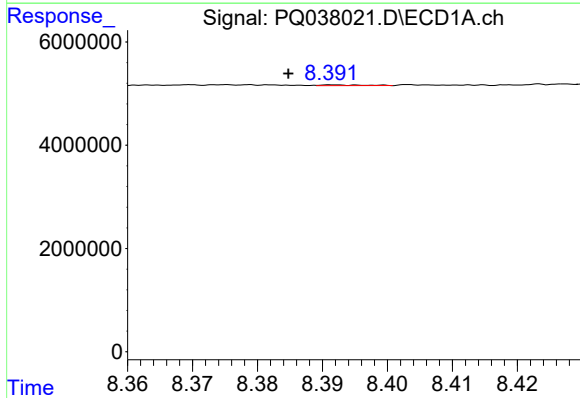
R.T.: 8.293 min
Delta R.T.: -0.004 min
Response: 1412949
Conc: 1.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



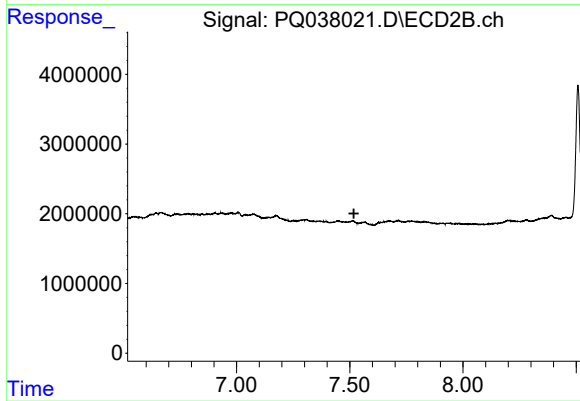
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 7.450 min
Response: 0
Conc: N.D.



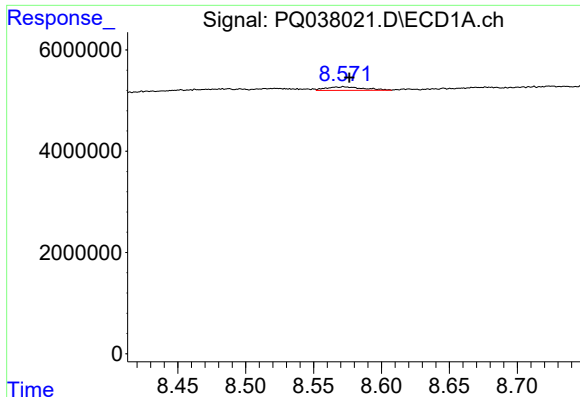
#42 AR-1268-2

R.T.: 8.392 min
Delta R.T.: 0.007 min
Response: 55844
Conc: 0.07 ng/ml



#42 AR-1268-2

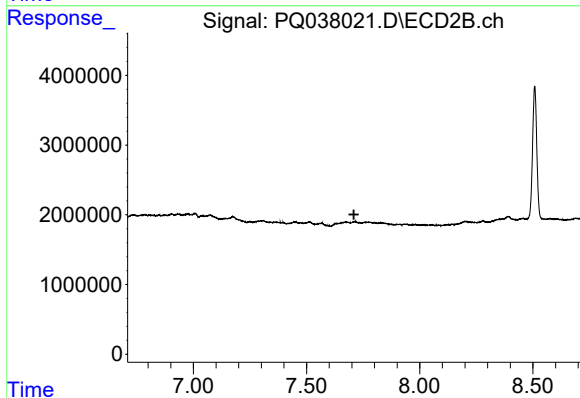
R.T.: 0.000 min
Exp R.T. : 7.518 min
Response: 0
Conc: N.D.



#43 AR-1268-3

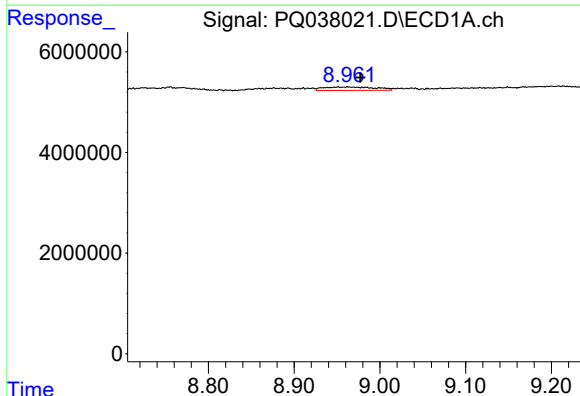
R.T.: 8.572 min
Delta R.T.: -0.004 min
Response: 1362759
Conc: 2.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



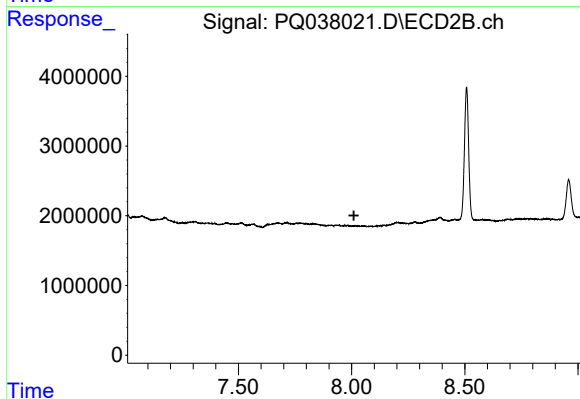
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.709 min
Response: 0
Conc: N.D.



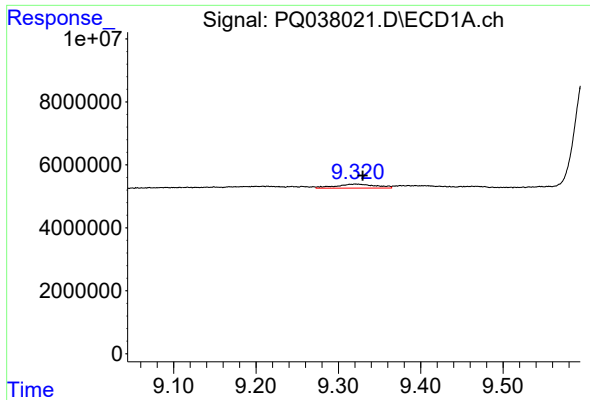
#44 AR-1268-4

R.T.: 8.963 min
Delta R.T.: -0.014 min
Response: 2869607
Conc: 11.09 ng/ml



#44 AR-1268-4

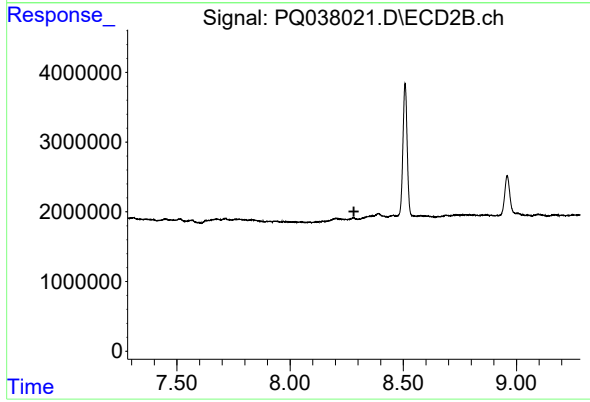
R.T.: 0.000 min
Exp R.T. : 8.010 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.321 min
Delta R.T.: -0.009 min
Response: 4233863
Conc: 2.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.282 min
Response: 0
Conc: N.D.