

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ092623\
 Data File : PQ063366.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Sep 2023 15:55
 Operator : YP\AJ
 Sample : 04590-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 27 01:19:56 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 20 05:26:41 2023
 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...	3.462	2.781	78331428	68458207	16.725	19.809
2)	SA Decachlor...	8.695	7.582	67292420	63114697	19.257	17.558
Target Compounds							
3)	L1 AR-1016-1	4.578	3.783	653785	1753121	4.497	14.074 #
4)	L1 AR-1016-2	4.603	3.817	726147	438312	3.108	2.466
5)	L1 AR-1016-3	4.646	3.977	984781	420911	6.853	4.362 #
6)	L1 AR-1016-4	4.757	4.001	3114672	1110252	27.306	13.696 #
7)	L1 AR-1016-5	5.048	4.214	1895660	2772747	16.132	27.544 #
8)	L2 AR-1221-1	3.642	2.981	2520318	3208899	44.052	68.995 #
9)	L2 AR-1221-2	3.748	3.052	2025634	899305	53.581	29.080 #
10)	L2 AR-1221-3	3.828	3.130	1139212	435956	9.026	4.092 #
11)	L3 AR-1232-1	3.828	3.130	1139212	435956	10.940	5.014 #
12)	L3 AR-1232-2	4.308	3.817	2894724	438312	45.509	5.420 #
13)	L3 AR-1232-3	4.603	3.977	726147	420911	6.929	9.923 #
14)	L3 AR-1232-4	4.757	4.056	3114672	1513743	62.677	41.283 #
15)	L3 AR-1232-5	4.866	4.214	2214278	2772747	58.298	64.276
16)	L4 AR-1242-1	4.578	3.783	653785	1753121	4.958	16.066 #
17)	L4 AR-1242-2	4.603	3.817	726147	438312	3.509	2.820
18)	L4 AR-1242-3	4.667	3.977	1531069	420911	12.077	5.018 #
19)	L4 AR-1242-4	4.757	4.056	3114672	1513743	30.198	18.890 #
20)	L4 AR-1242-5	0.000	4.547	0	2182269	N.D.	20.852 #
21)	L5 AR-1248-1	4.578	3.783	653785	1753121	6.653	21.847 #
22)	L5 AR-1248-2	4.866	4.001	2214278	1110252	15.482	9.273 #
23)	L5 AR-1248-3	5.048	4.056	1895660	1513743	11.019	13.203
24)	L5 AR-1248-4	0.000	4.214	0	2772747	N.D.	19.664 #
25)	L5 AR-1248-5	0.000	4.584	0	1855772	N.D.	13.430 #
26)	L6 AR-1254-1	5.377f	4.547	1585051	2182269	7.882	10.350 #
27)	L6 AR-1254-2	5.633	4.694	1051064	1479023	3.447	7.991 #
28)	L6 AR-1254-3	5.992	5.081	4010809	434189	12.227	1.517 #
29)	L6 AR-1254-4	6.259	5.306	84387814	1074854	348.411	5.806 #
30)	L6 AR-1254-5	6.715f	5.722	108121	289883	0.421	1.122 #
31)	L7 AR-1260-1	0.000	5.214	0	439864	N.D.	2.178 #
32)	L7 AR-1260-2	0.000	5.402	0	289384	N.D.	1.183 #
33)	L7 AR-1260-3	6.768	5.549	120295	473794	0.592	2.004 #
34)	L7 AR-1260-4	6.966	6.003	4238325	37030	17.780	0.194 #
35)	L7 AR-1260-5	0.000	6.262	0	369631	N.D.	0.844 #
36)	L8 AR-1262-1	6.768	5.810	120295	163255	0.386	1.552 #
37)	L8 AR-1262-2	0.000	6.003	0	37030	N.D.	0.159 #
38)	L8 AR-1262-3	7.571	6.549	4130220	4084983	11.931	21.267 #
39)	L8 AR-1262-4	0.000	6.603	0	871171	N.D.	2.491 #
40)	L8 AR-1262-5	8.200f	7.097	205101	65642	1.196	0.396 #
41)	L9 AR-1268-1	7.571	6.549	4130220	4084983	6.687	7.286

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 ALS Vial : 13 Sample Multiplier: 1

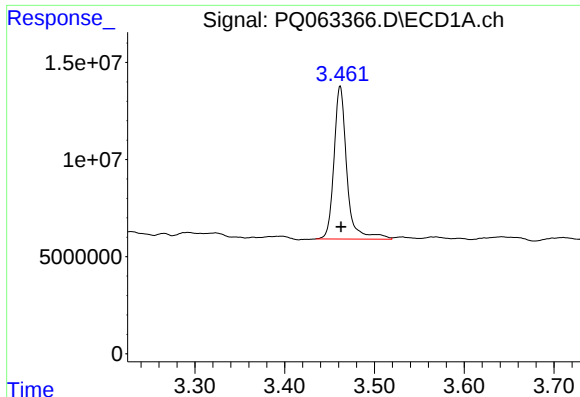
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 27 01:19:56 2023
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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	0.000	6.603	0	871171	N.D.	1.751 #
43) L9	AR-1268-3	7.799f	6.808	11367692	431306	23.310	1.012 #
44) L9	AR-1268-4	8.200f	7.097	205101	65642	1.066	0.354 #
45) L9	AR-1268-5	8.422f	7.363	3824890	1780034	2.678	1.354 #

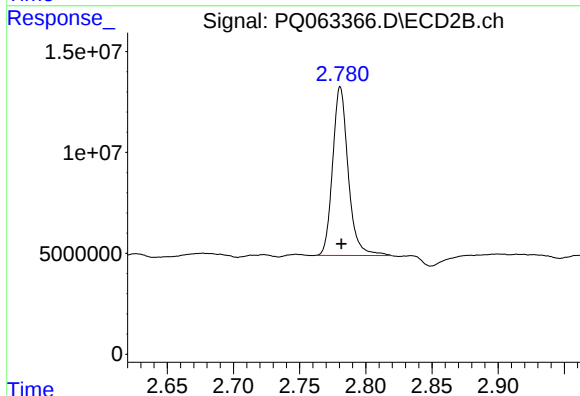
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

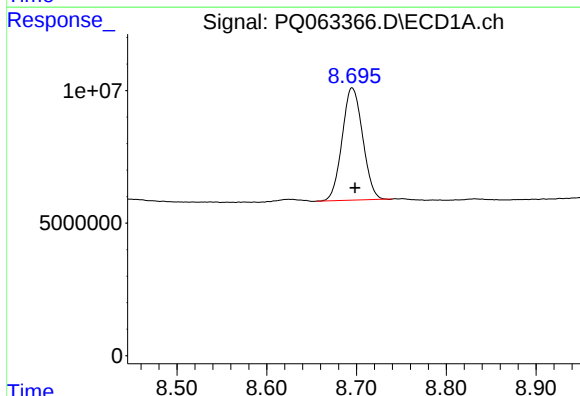
R.T.: 3.462 min
Delta R.T.: -0.001 min
Response: 78331428
Conc: 16.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



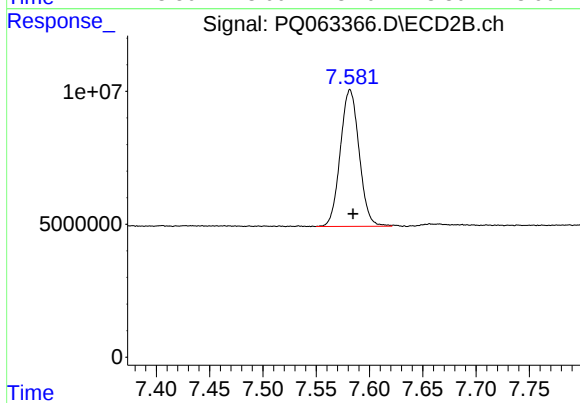
#1 Tetrachloro-m-xylene

R.T.: 2.781 min
Delta R.T.: 0.000 min
Response: 68458207
Conc: 19.81 ng/ml



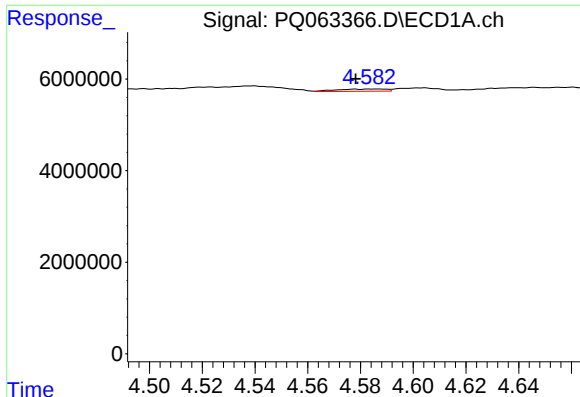
#2 Decachlorobiphenyl

R.T.: 8.695 min
Delta R.T.: -0.003 min
Response: 67292420
Conc: 19.26 ng/ml



#2 Decachlorobiphenyl

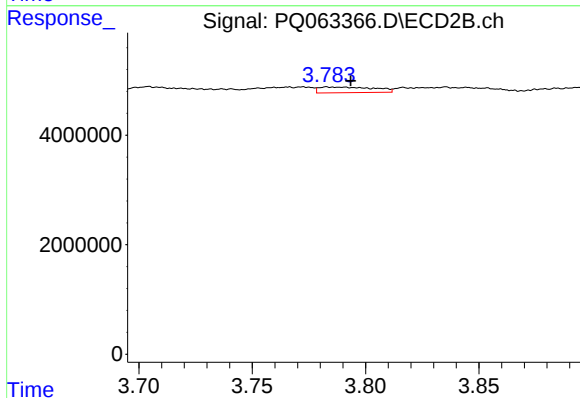
R.T.: 7.582 min
Delta R.T.: -0.003 min
Response: 63114697
Conc: 17.56 ng/ml



#3 AR-1016-1

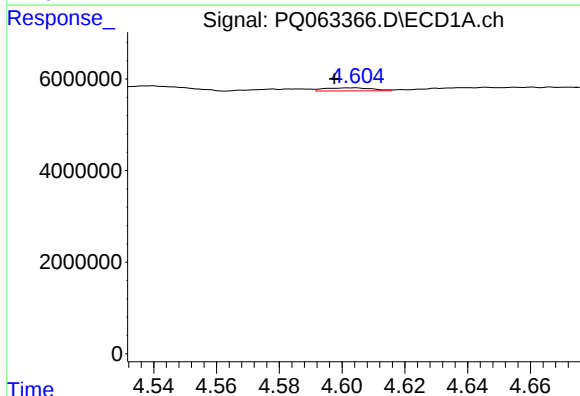
R.T.: 4.578 min
Delta R.T.: 0.000 min
Response: 653785
Conc: 4.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



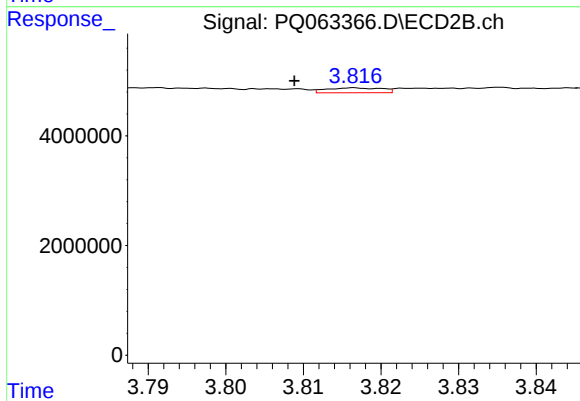
#3 AR-1016-1

R.T.: 3.783 min
Delta R.T.: -0.011 min
Response: 1753121
Conc: 14.07 ng/ml



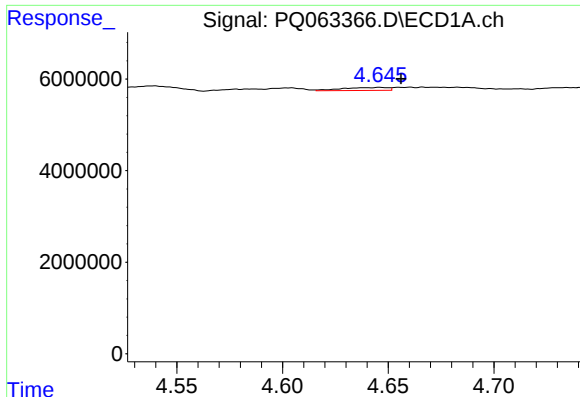
#4 AR-1016-2

R.T.: 4.603 min
Delta R.T.: 0.006 min
Response: 726147
Conc: 3.11 ng/ml



#4 AR-1016-2

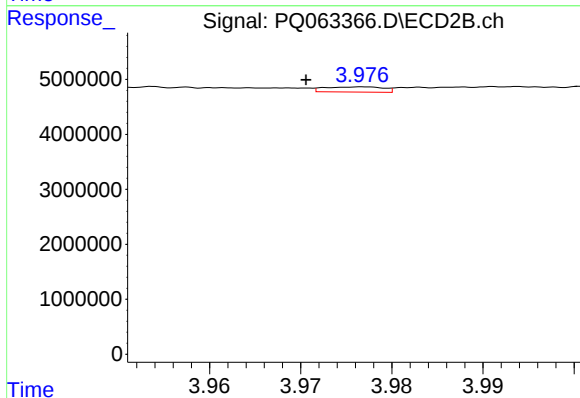
R.T.: 3.817 min
Delta R.T.: 0.008 min
Response: 438312
Conc: 2.47 ng/ml



#5 AR-1016-3

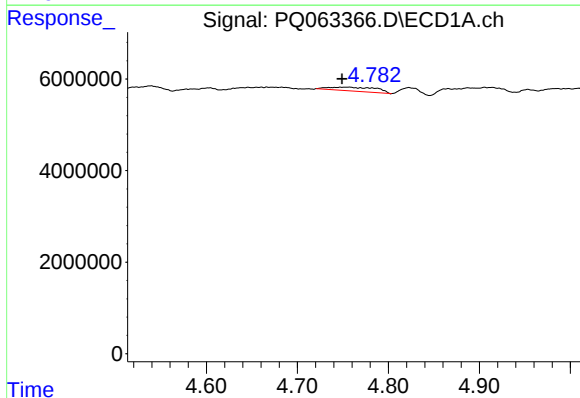
R.T.: 4.646 min
Delta R.T.: -0.010 min
Response: 984781
Conc: 6.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



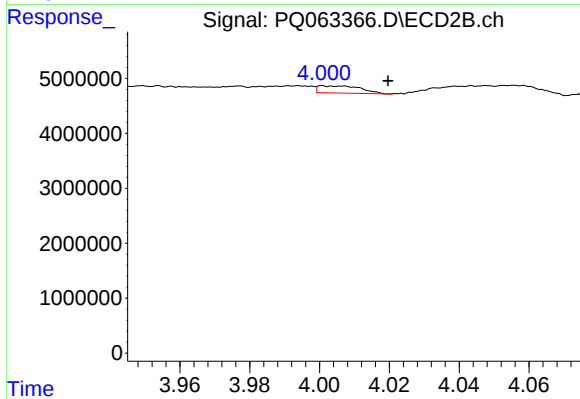
#5 AR-1016-3

R.T.: 3.977 min
Delta R.T.: 0.006 min
Response: 420911
Conc: 4.36 ng/ml



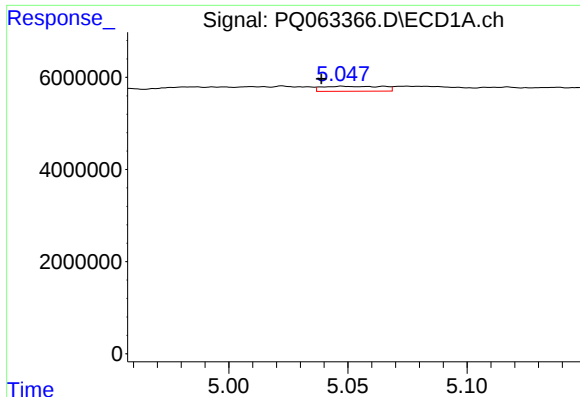
#6 AR-1016-4

R.T.: 4.757 min
Delta R.T.: 0.008 min
Response: 3114672
Conc: 27.31 ng/ml



#6 AR-1016-4

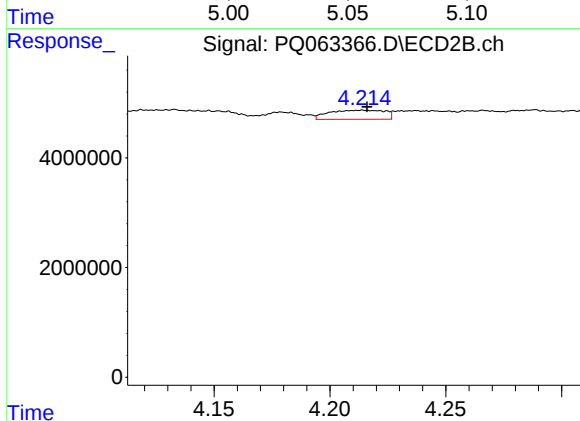
R.T.: 4.001 min
Delta R.T.: -0.019 min
Response: 1110252
Conc: 13.70 ng/ml



#7 AR-1016-5

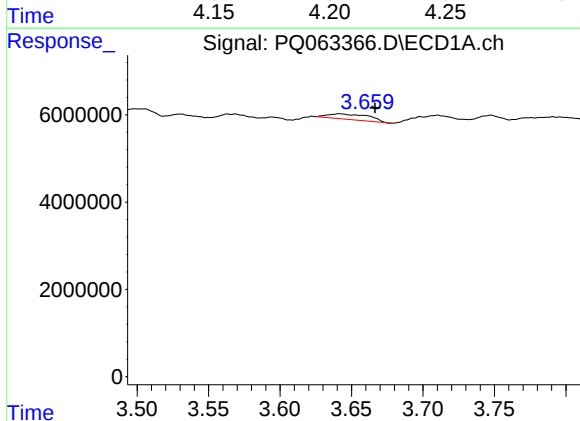
R.T.: 5.048 min
Delta R.T.: 0.009 min
Response: 1895660
Conc: 16.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



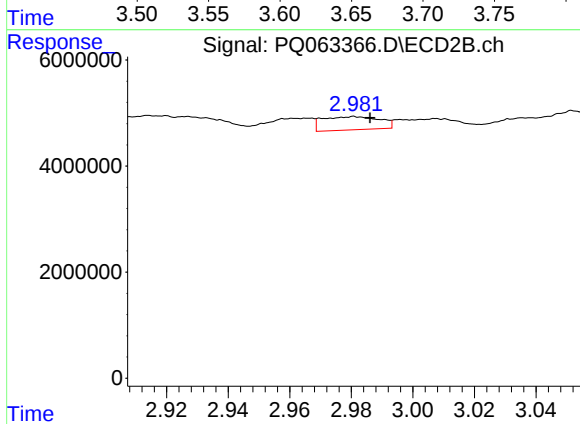
#7 AR-1016-5

R.T.: 4.214 min
Delta R.T.: -0.002 min
Response: 2772747
Conc: 27.54 ng/ml



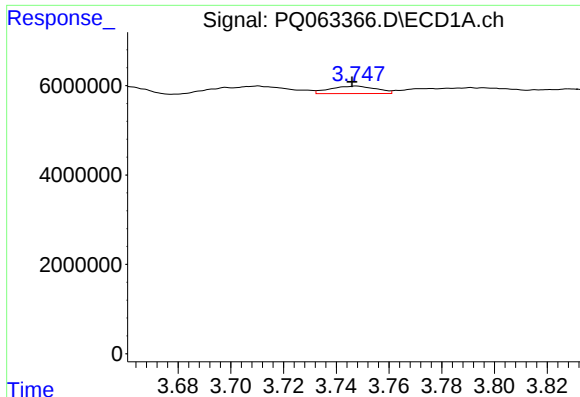
#8 AR-1221-1

R.T.: 3.642 min
Delta R.T.: -0.025 min
Response: 2520318
Conc: 44.05 ng/ml



#8 AR-1221-1

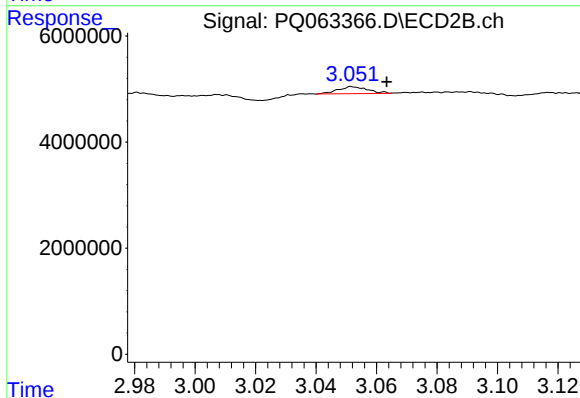
R.T.: 2.981 min
Delta R.T.: -0.005 min
Response: 3208899
Conc: 68.99 ng/ml



#9 AR-1221-2

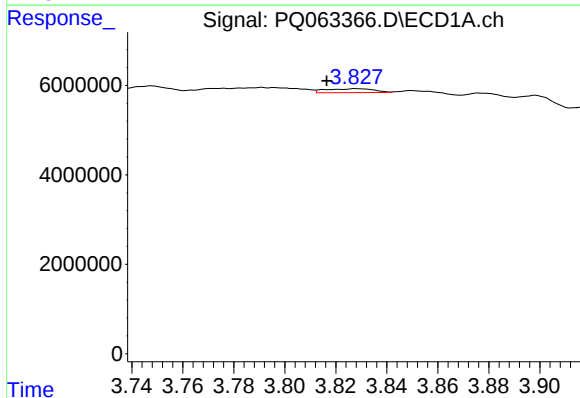
R.T.: 3.748 min
Delta R.T.: 0.002 min
Response: 2025634
Conc: 53.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



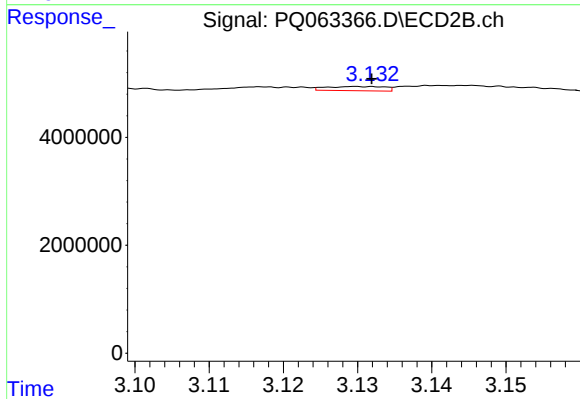
#9 AR-1221-2

R.T.: 3.052 min
Delta R.T.: -0.011 min
Response: 899305
Conc: 29.08 ng/ml



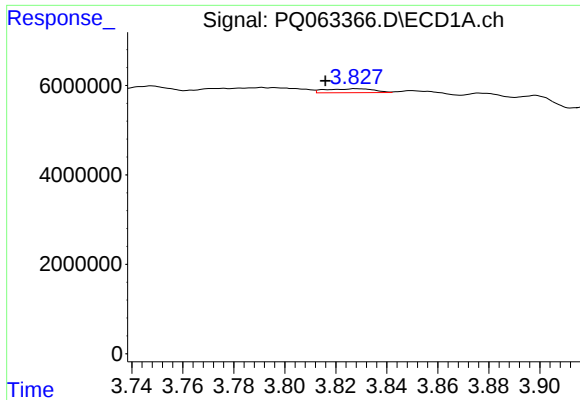
#10 AR-1221-3

R.T.: 3.828 min
Delta R.T.: 0.012 min
Response: 1139212
Conc: 9.03 ng/ml



#10 AR-1221-3

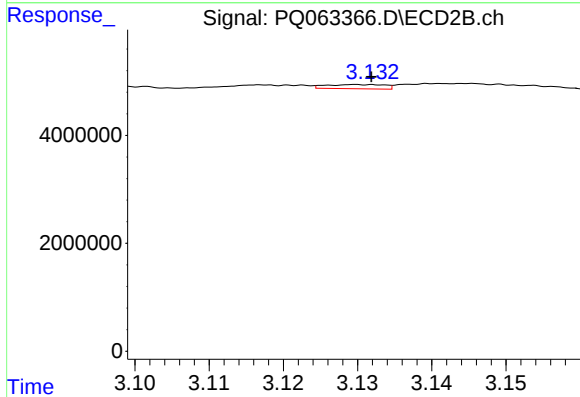
R.T.: 3.130 min
Delta R.T.: -0.002 min
Response: 435956
Conc: 4.09 ng/ml



#11 AR-1232-1

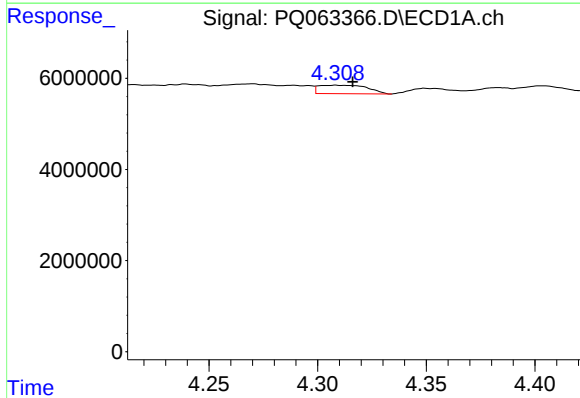
R.T.: 3.828 min
Delta R.T.: 0.012 min
Response: 1139212
Conc: 10.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



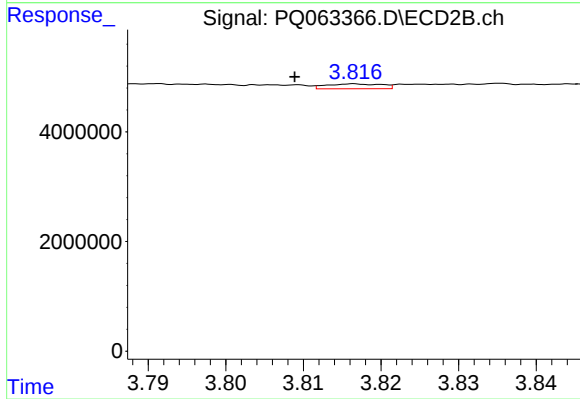
#11 AR-1232-1

R.T.: 3.130 min
Delta R.T.: -0.002 min
Response: 435956
Conc: 5.01 ng/ml



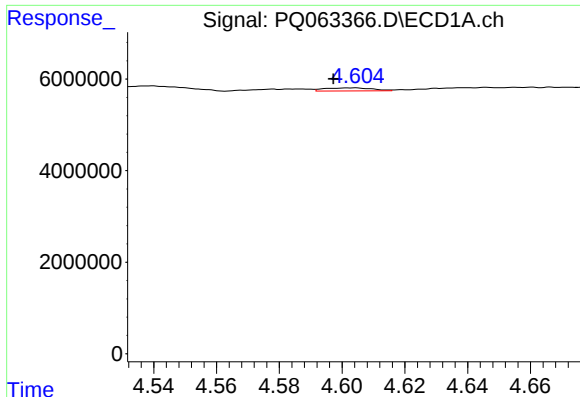
#12 AR-1232-2

R.T.: 4.308 min
Delta R.T.: -0.008 min
Response: 2894724
Conc: 45.51 ng/ml



#12 AR-1232-2

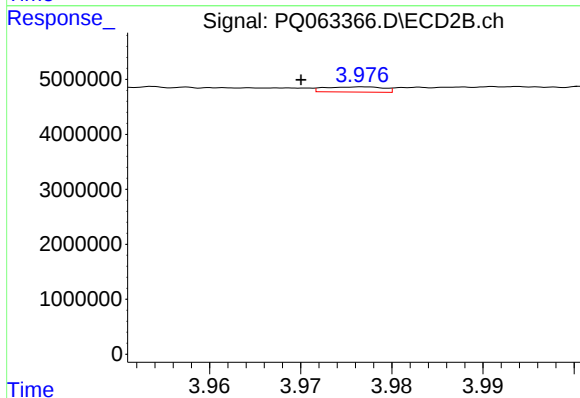
R.T.: 3.817 min
Delta R.T.: 0.008 min
Response: 438312
Conc: 5.42 ng/ml



#13 AR-1232-3

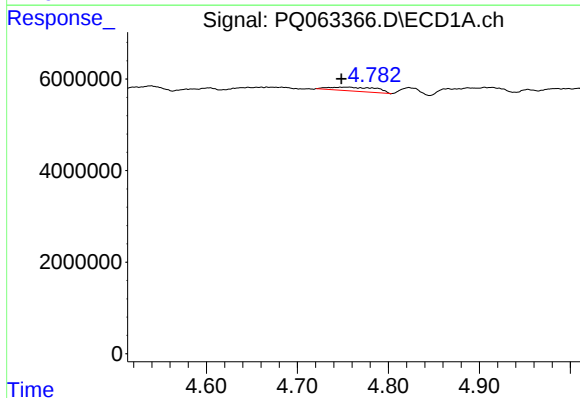
R.T.: 4.603 min
Delta R.T.: 0.006 min
Response: 726147
Conc: 6.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



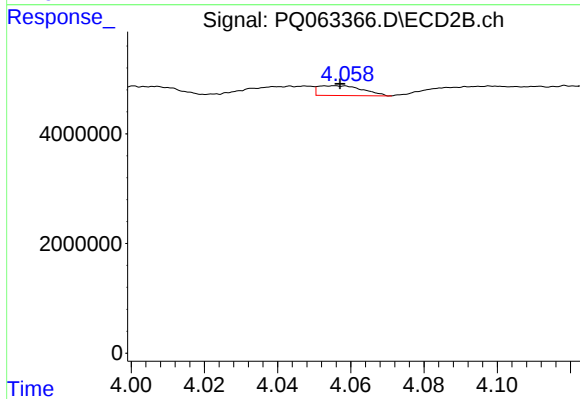
#13 AR-1232-3

R.T.: 3.977 min
Delta R.T.: 0.007 min
Response: 420911
Conc: 9.92 ng/ml



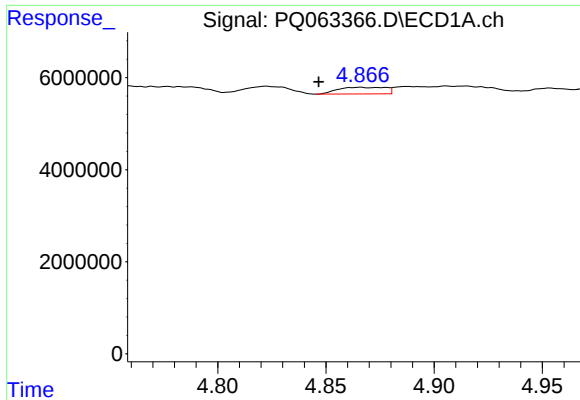
#14 AR-1232-4

R.T.: 4.757 min
Delta R.T.: 0.008 min
Response: 3114672
Conc: 62.68 ng/ml



#14 AR-1232-4

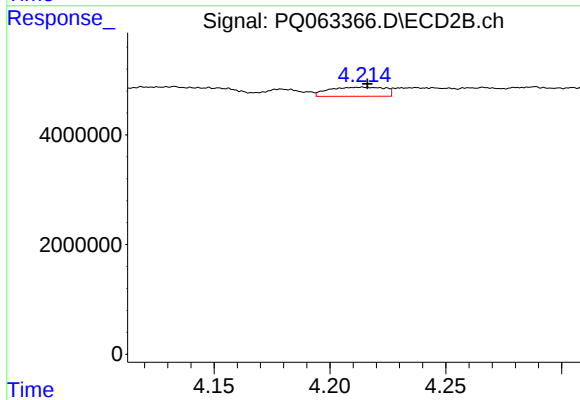
R.T.: 4.056 min
Delta R.T.: -0.001 min
Response: 1513743
Conc: 41.28 ng/ml



#15 AR-1232-5

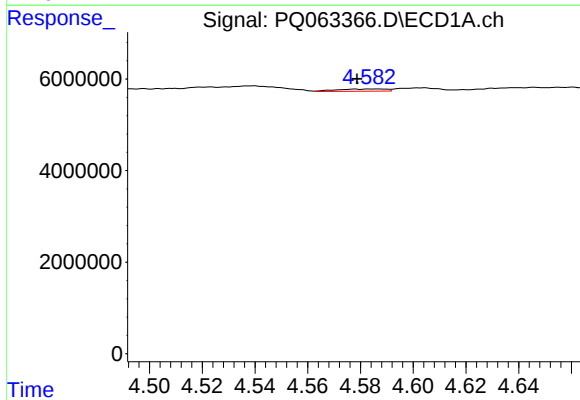
R.T.: 4.866 min
Delta R.T.: 0.019 min
Response: 2214278
Conc: 58.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



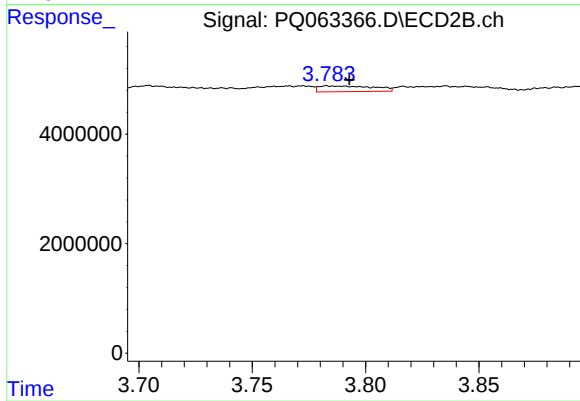
#15 AR-1232-5

R.T.: 4.214 min
Delta R.T.: -0.002 min
Response: 2772747
Conc: 64.28 ng/ml



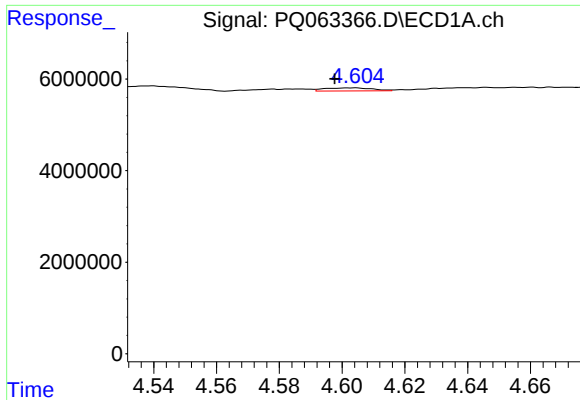
#16 AR-1242-1

R.T.: 4.578 min
Delta R.T.: 0.000 min
Response: 653785
Conc: 4.96 ng/ml



#16 AR-1242-1

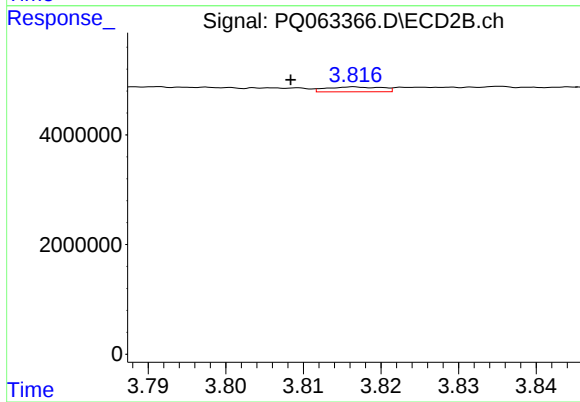
R.T.: 3.783 min
Delta R.T.: -0.010 min
Response: 1753121
Conc: 16.07 ng/ml



#17 AR-1242-2

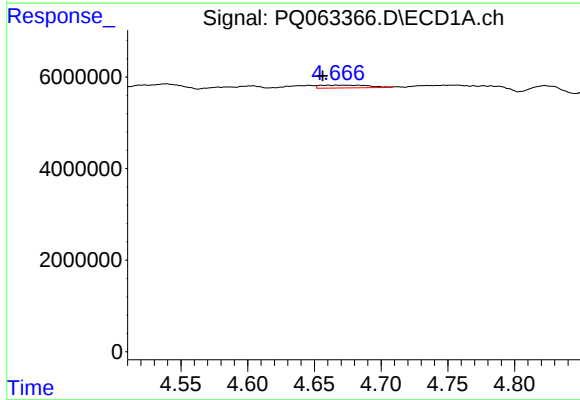
R.T.: 4.603 min
Delta R.T.: 0.005 min
Response: 726147
Conc: 3.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



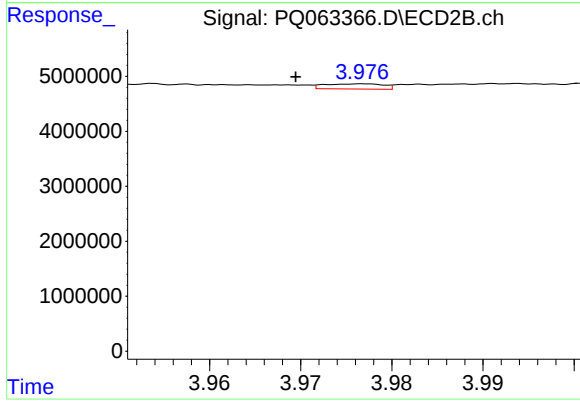
#17 AR-1242-2

R.T.: 3.817 min
Delta R.T.: 0.008 min
Response: 438312
Conc: 2.82 ng/ml



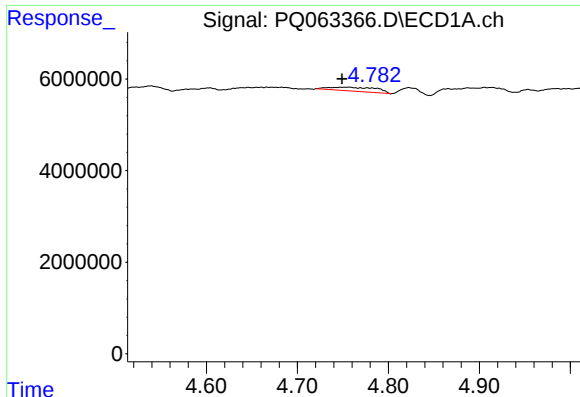
#18 AR-1242-3

R.T.: 4.667 min
Delta R.T.: 0.010 min
Response: 1531069
Conc: 12.08 ng/ml



#18 AR-1242-3

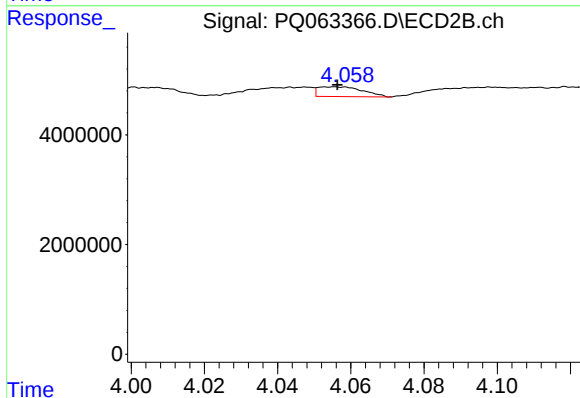
R.T.: 3.977 min
Delta R.T.: 0.008 min
Response: 420911
Conc: 5.02 ng/ml



#19 AR-1242-4

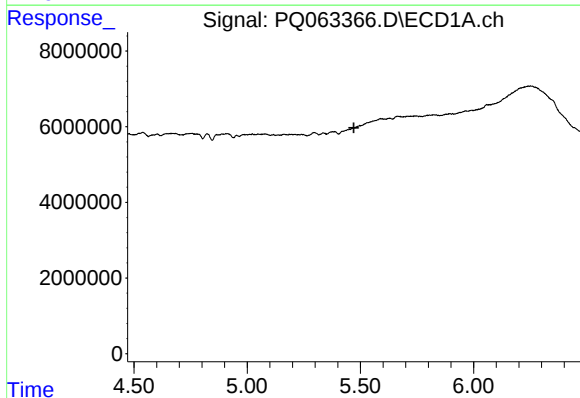
R.T.: 4.757 min
Delta R.T.: 0.008 min
Response: 3114672
Conc: 30.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



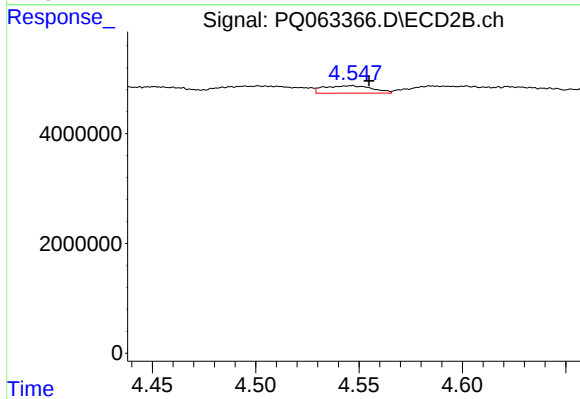
#19 AR-1242-4

R.T.: 4.056 min
Delta R.T.: 0.000 min
Response: 1513743
Conc: 18.89 ng/ml



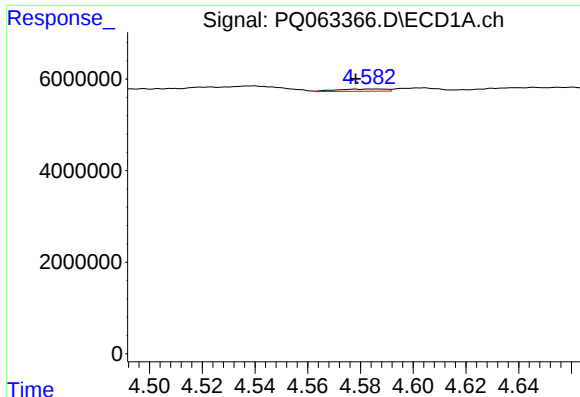
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 5.471 min
Response: 0
Conc: N.D.



#20 AR-1242-5

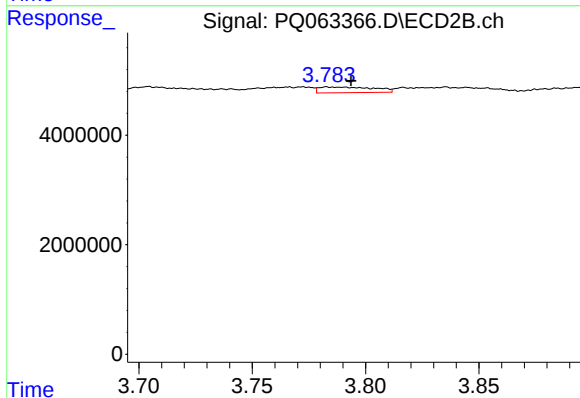
R.T.: 4.547 min
Delta R.T.: -0.008 min
Response: 2182269
Conc: 20.85 ng/ml



#21 AR-1248-1

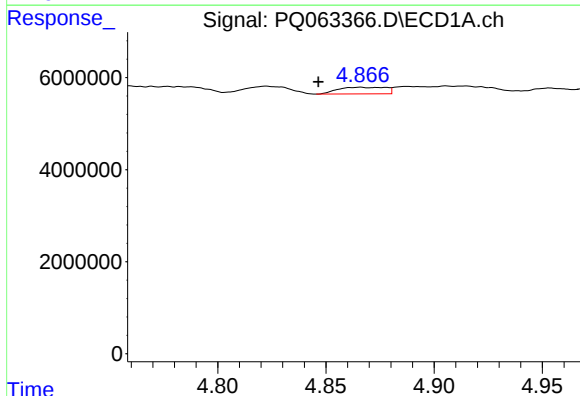
R.T.: 4.578 min
Delta R.T.: 0.000 min
Response: 653785
Conc: 6.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



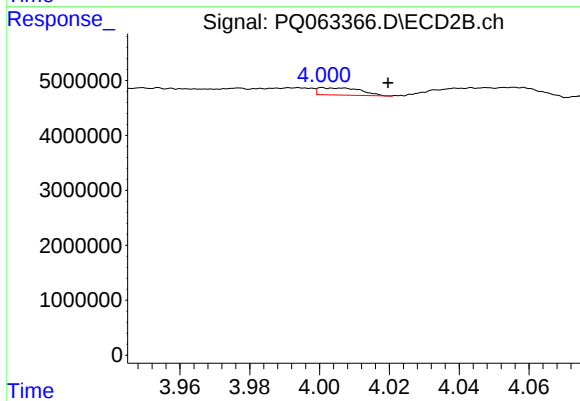
#21 AR-1248-1

R.T.: 3.783 min
Delta R.T.: -0.011 min
Response: 1753121
Conc: 21.85 ng/ml



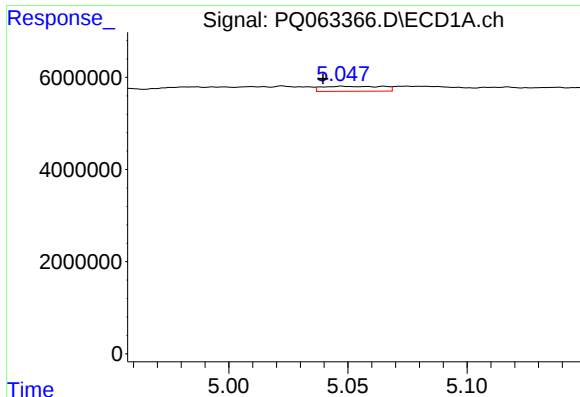
#22 AR-1248-2

R.T.: 4.866 min
Delta R.T.: 0.019 min
Response: 2214278
Conc: 15.48 ng/ml



#22 AR-1248-2

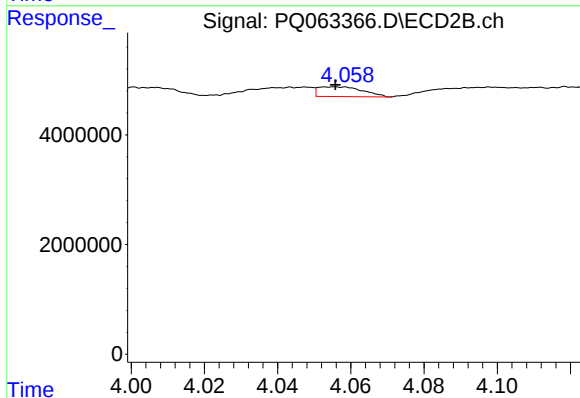
R.T.: 4.001 min
Delta R.T.: -0.019 min
Response: 1110252
Conc: 9.27 ng/ml



#23 AR-1248-3

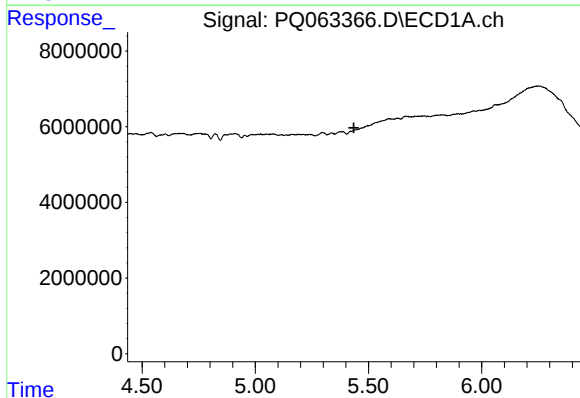
R.T.: 5.048 min
Delta R.T.: 0.008 min
Response: 1895660
Conc: 11.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



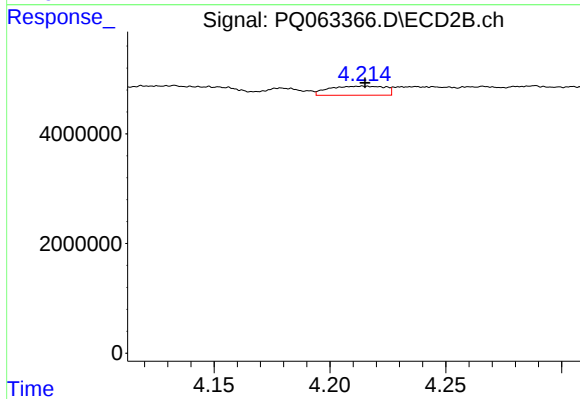
#23 AR-1248-3

R.T.: 4.056 min
Delta R.T.: 0.000 min
Response: 1513743
Conc: 13.20 ng/ml



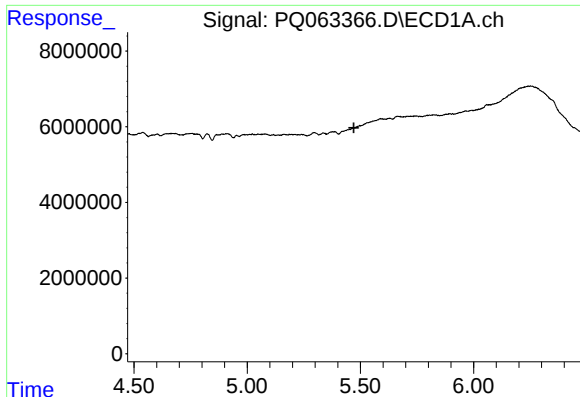
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 5.436 min
Response: 0
Conc: N.D.



#24 AR-1248-4

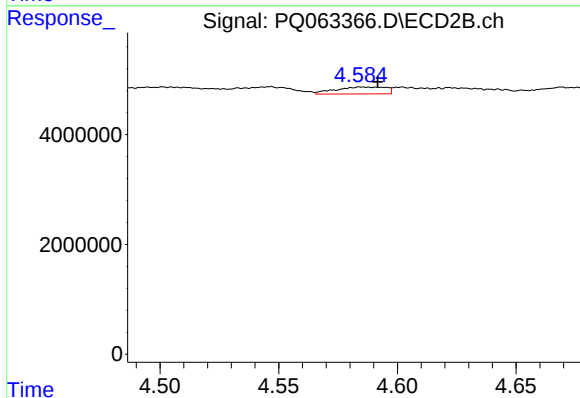
R.T.: 4.214 min
Delta R.T.: 0.000 min
Response: 2772747
Conc: 19.66 ng/ml



#25 AR-1248-5

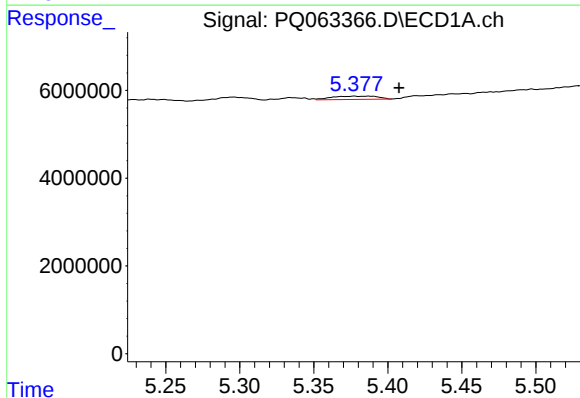
R.T.: 0.000 min
Exp R.T.: 5.471 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



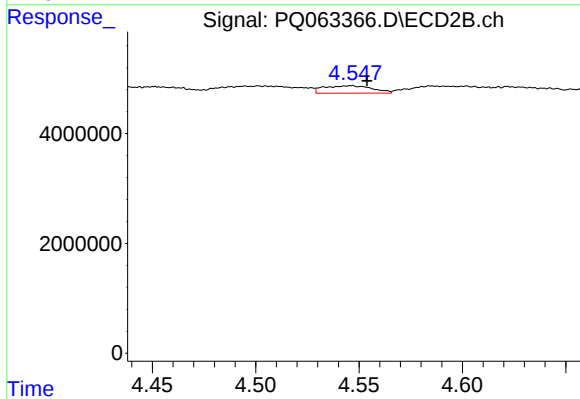
#25 AR-1248-5

R.T.: 4.584 min
Delta R.T.: -0.007 min
Response: 1855772
Conc: 13.43 ng/ml



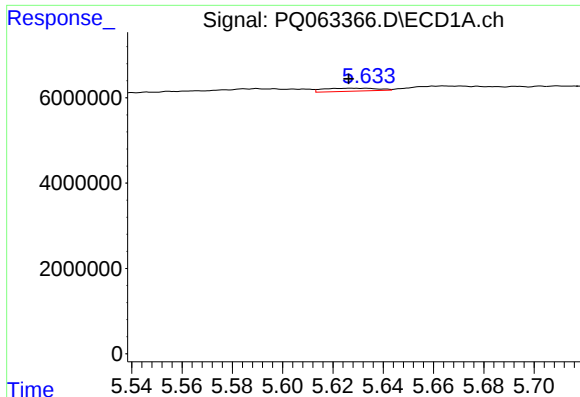
#26 AR-1254-1

R.T.: 5.377 min
Delta R.T.: -0.030 min
Response: 1585051
Conc: 7.88 ng/ml



#26 AR-1254-1

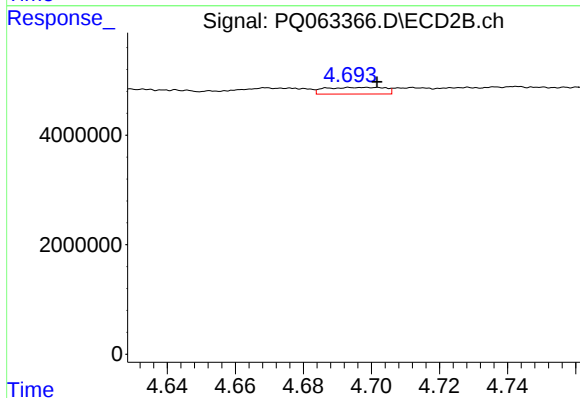
R.T.: 4.547 min
Delta R.T.: -0.007 min
Response: 2182269
Conc: 10.35 ng/ml



#27 AR-1254-2

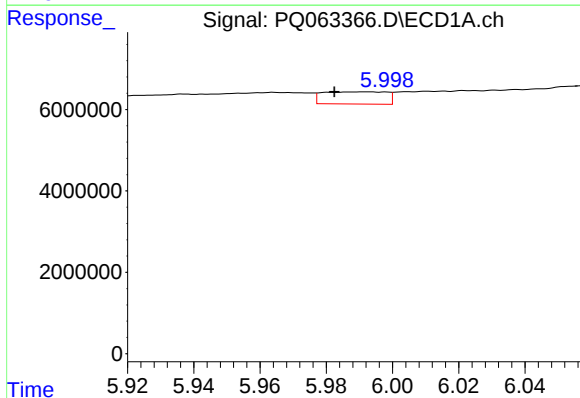
R.T.: 5.633 min
Delta R.T.: 0.007 min
Response: 1051064
Conc: 3.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



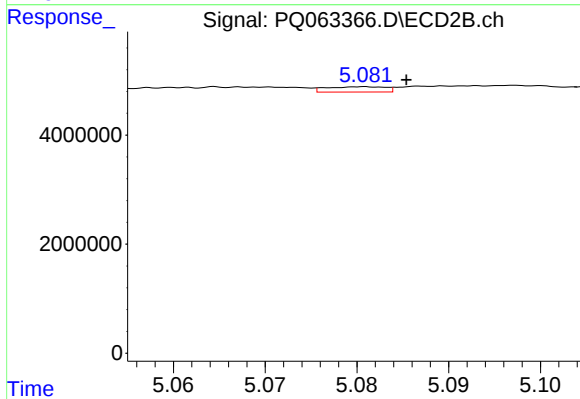
#27 AR-1254-2

R.T.: 4.694 min
Delta R.T.: -0.008 min
Response: 1479023
Conc: 7.99 ng/ml



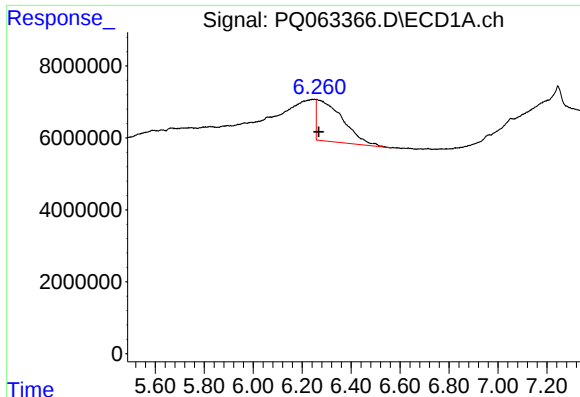
#28 AR-1254-3

R.T.: 5.992 min
Delta R.T.: 0.009 min
Response: 4010809
Conc: 12.23 ng/ml



#28 AR-1254-3

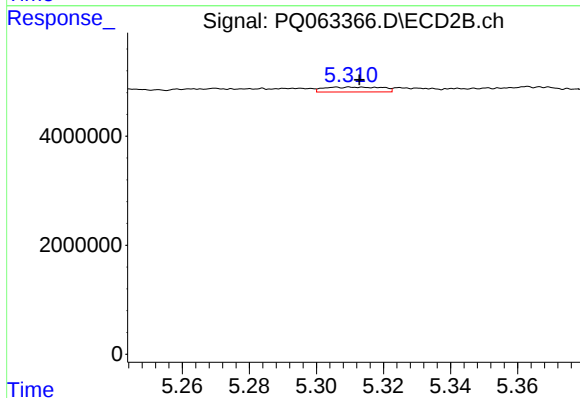
R.T.: 5.081 min
Delta R.T.: -0.004 min
Response: 434189
Conc: 1.52 ng/ml



#29 AR-1254-4

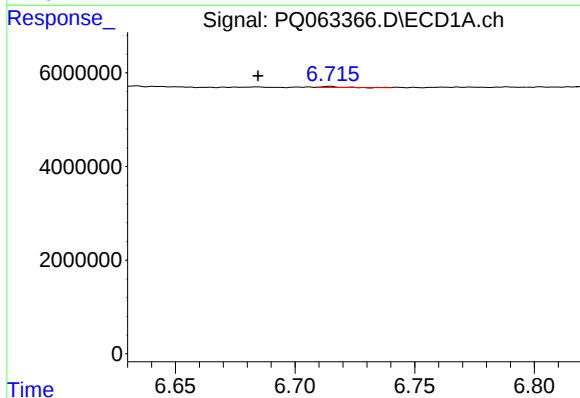
R.T.: 6.259 min
Delta R.T.: -0.009 min
Response: 84387814
Conc: 348.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



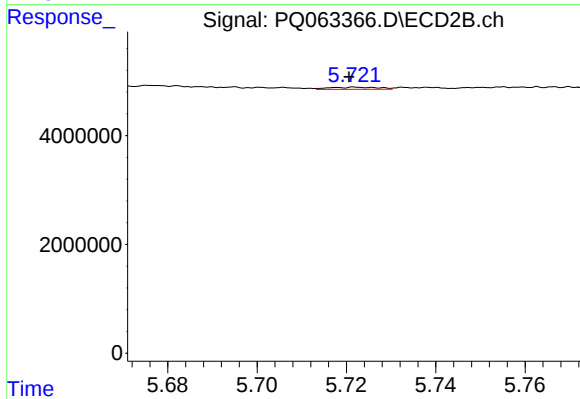
#29 AR-1254-4

R.T.: 5.306 min
Delta R.T.: -0.007 min
Response: 1074854
Conc: 5.81 ng/ml



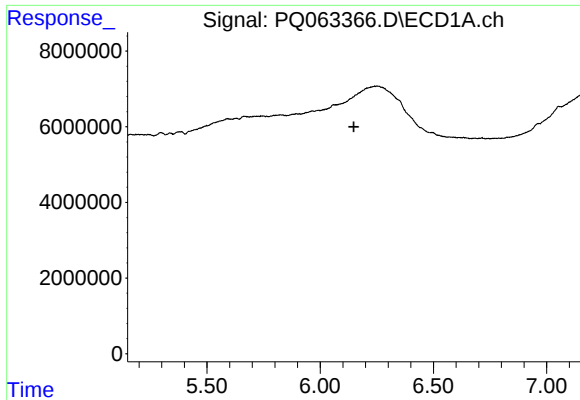
#30 AR-1254-5

R.T.: 6.715 min
Delta R.T.: 0.030 min
Response: 108121
Conc: 0.42 ng/ml



#30 AR-1254-5

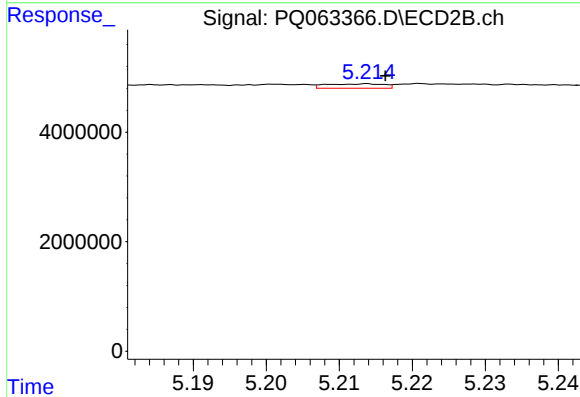
R.T.: 5.722 min
Delta R.T.: 0.001 min
Response: 289883
Conc: 1.12 ng/ml



#31 AR-1260-1

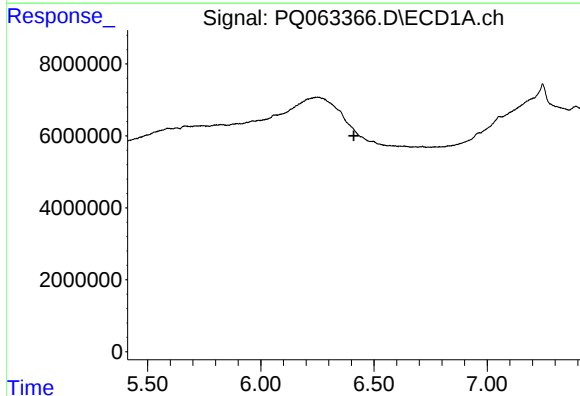
R.T.: 0.000 min
Exp R.T.: 6.149 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



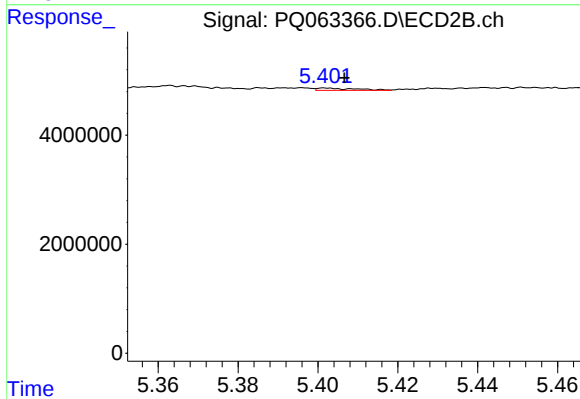
#31 AR-1260-1

R.T.: 5.214 min
Delta R.T.: -0.002 min
Response: 439864
Conc: 2.18 ng/ml



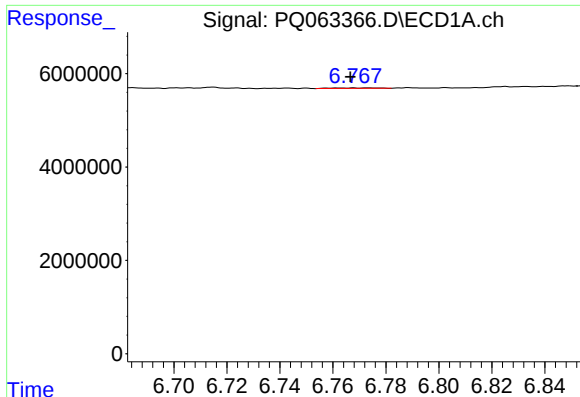
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T.: 6.411 min
Response: 0
Conc: N.D.



#32 AR-1260-2

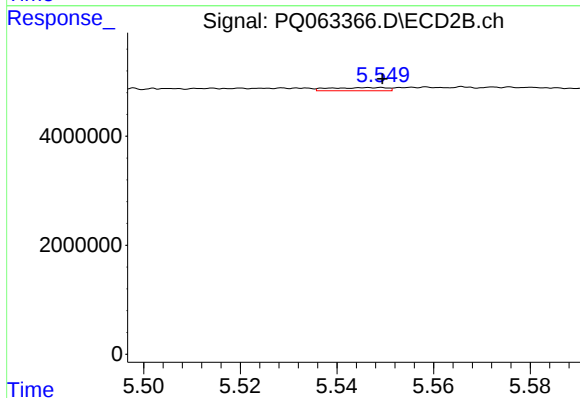
R.T.: 5.402 min
Delta R.T.: -0.005 min
Response: 289384
Conc: 1.18 ng/ml



#33 AR-1260-3

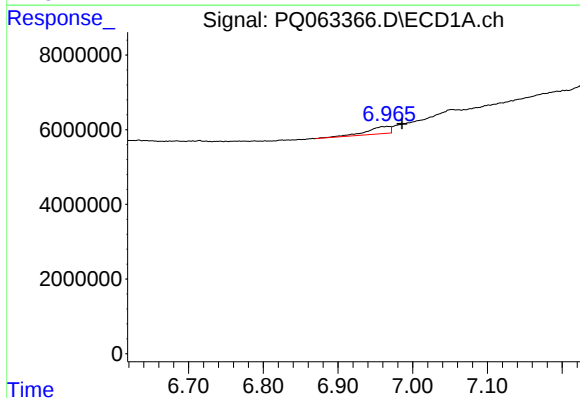
R.T.: 6.768 min
Delta R.T.: 0.001 min
Response: 120295
Conc: 0.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



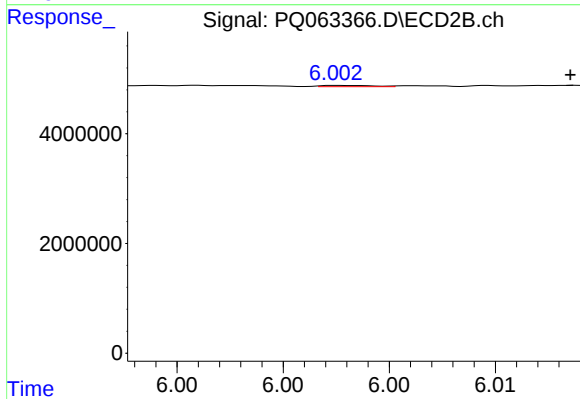
#33 AR-1260-3

R.T.: 5.549 min
Delta R.T.: 0.000 min
Response: 473794
Conc: 2.00 ng/ml



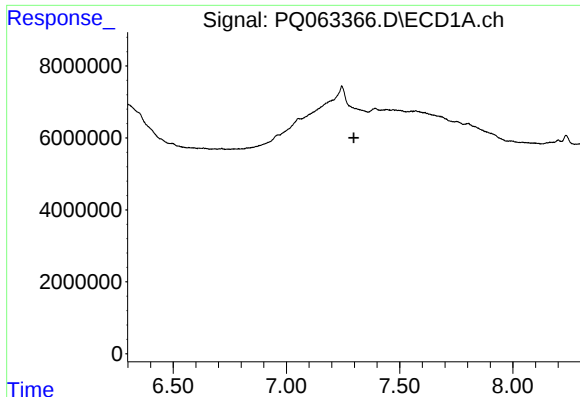
#34 AR-1260-4

R.T.: 6.966 min
Delta R.T.: -0.020 min
Response: 4238325
Conc: 17.78 ng/ml



#34 AR-1260-4

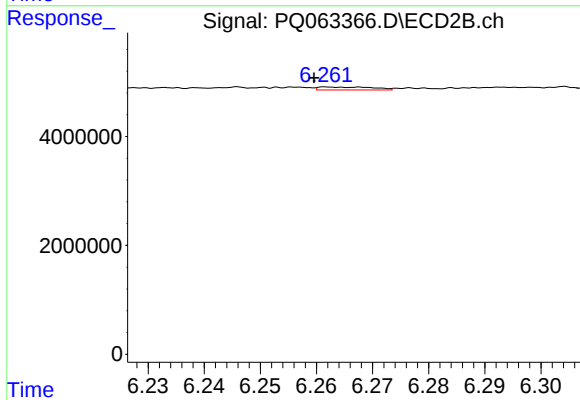
R.T.: 6.003 min
Delta R.T.: -0.010 min
Response: 37030
Conc: 0.19 ng/ml



#35 AR-1260-5

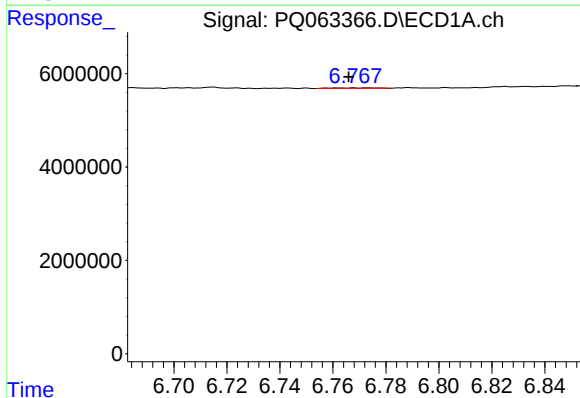
R.T.: 0.000 min
Exp R.T.: 7.298 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



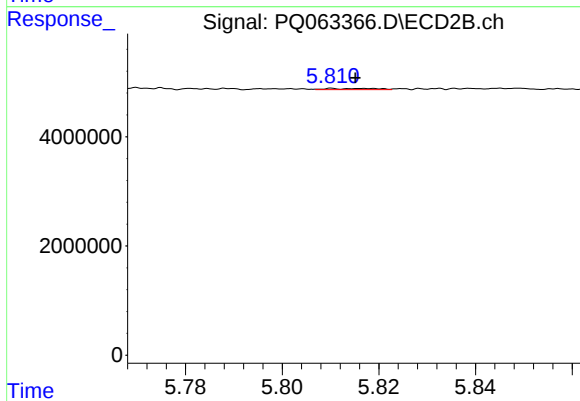
#35 AR-1260-5

R.T.: 6.262 min
Delta R.T.: 0.002 min
Response: 369631
Conc: 0.84 ng/ml



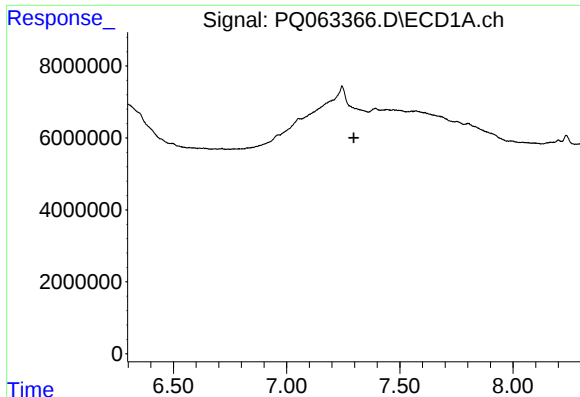
#36 AR-1262-1

R.T.: 6.768 min
Delta R.T.: 0.002 min
Response: 120295
Conc: 0.39 ng/ml



#36 AR-1262-1

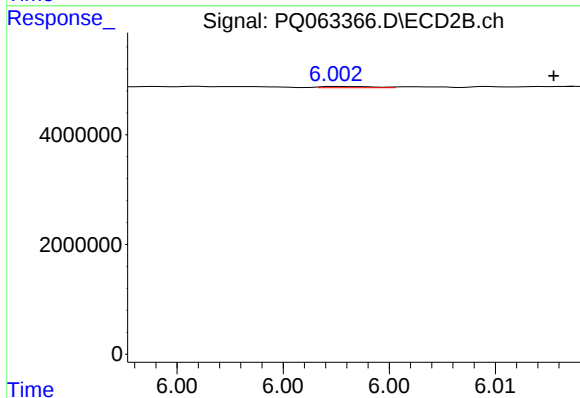
R.T.: 5.810 min
Delta R.T.: -0.005 min
Response: 163255
Conc: 1.55 ng/ml



#37 AR-1262-2

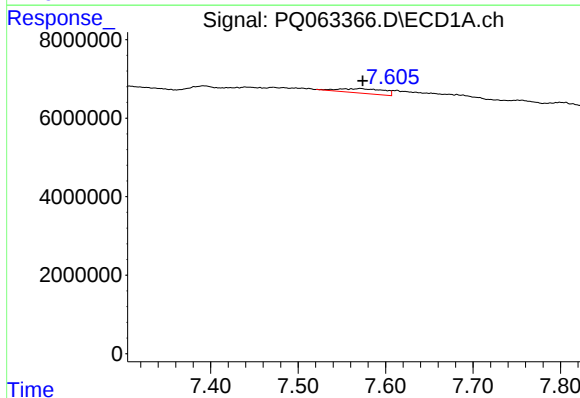
R.T.: 0.000 min
Exp R.T.: 7.297 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



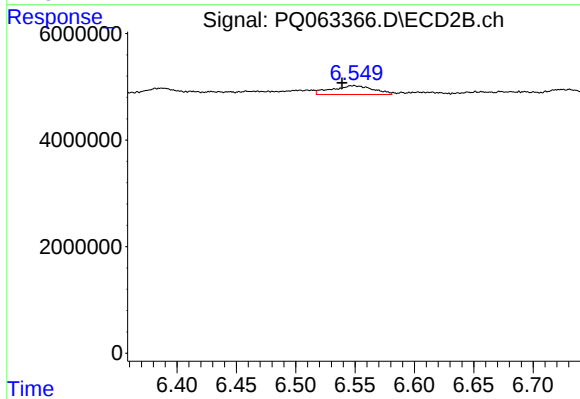
#37 AR-1262-2

R.T.: 6.003 min
Delta R.T.: -0.009 min
Response: 37030
Conc: 0.16 ng/ml



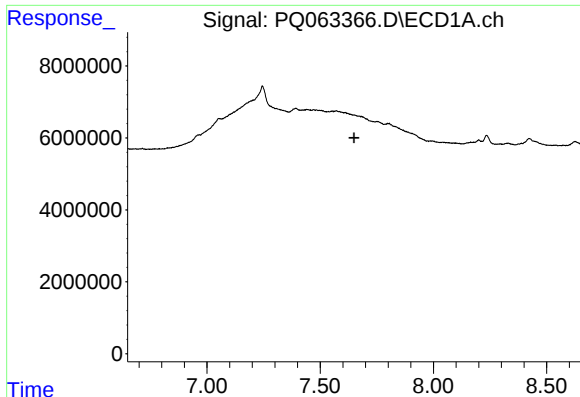
#38 AR-1262-3

R.T.: 7.571 min
Delta R.T.: -0.003 min
Response: 4130220
Conc: 11.93 ng/ml



#38 AR-1262-3

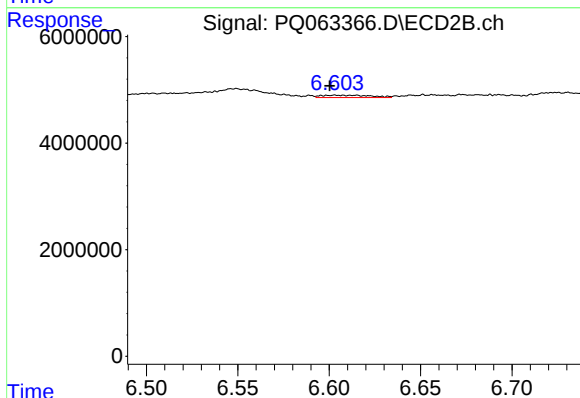
R.T.: 6.549 min
Delta R.T.: 0.010 min
Response: 4084983
Conc: 21.27 ng/ml



#39 AR-1262-4

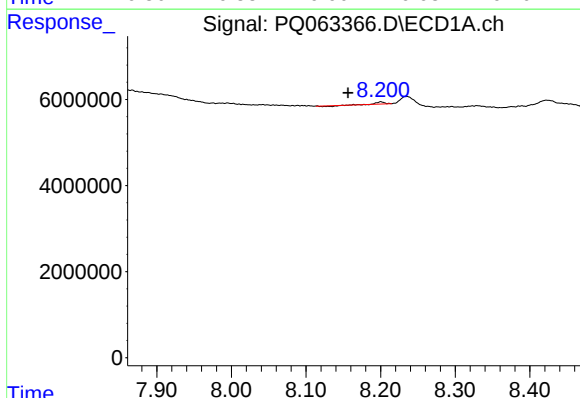
R.T.: 0.000 min
Exp R.T.: 7.649 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



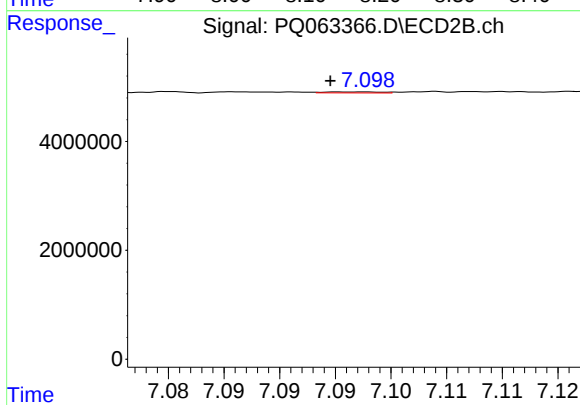
#39 AR-1262-4

R.T.: 6.603 min
Delta R.T.: 0.003 min
Response: 871171
Conc: 2.49 ng/ml



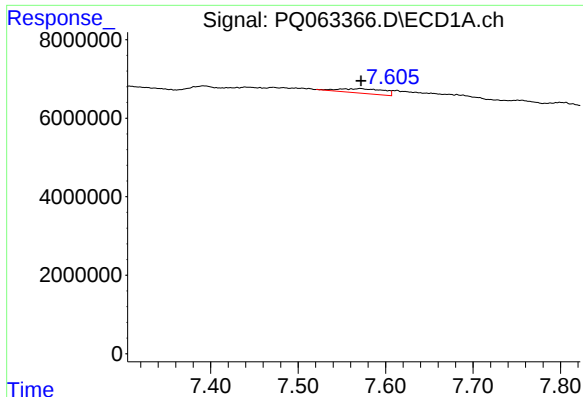
#40 AR-1262-5

R.T.: 8.200 min
Delta R.T.: 0.044 min
Response: 205101
Conc: 1.20 ng/ml



#40 AR-1262-5

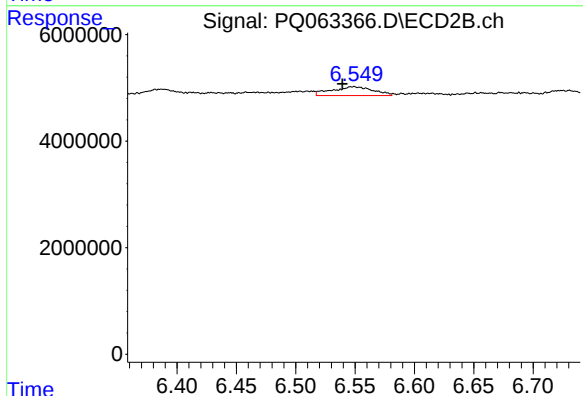
R.T.: 7.097 min
Delta R.T.: 0.003 min
Response: 65642
Conc: 0.40 ng/ml



#41 AR-1268-1

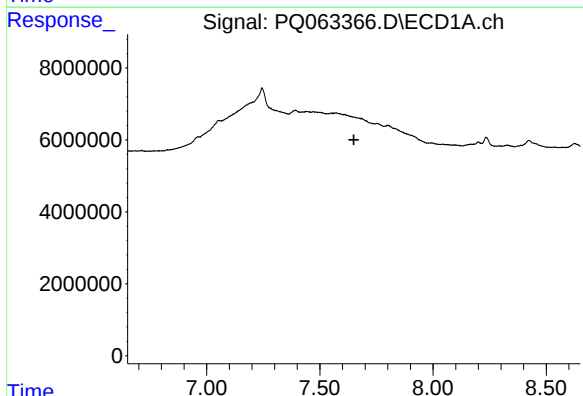
R.T.: 7.571 min
Delta R.T.: 0.000 min
Response: 4130220
Conc: 6.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



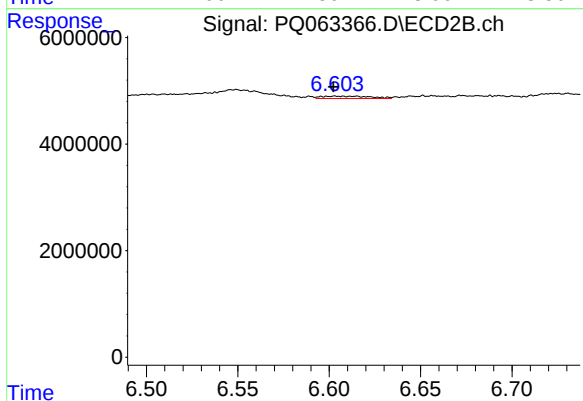
#41 AR-1268-1

R.T.: 6.549 min
Delta R.T.: 0.010 min
Response: 4084983
Conc: 7.29 ng/ml



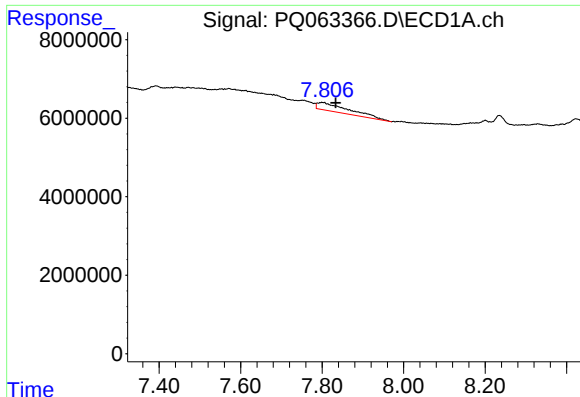
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 7.651 min
Response: 0
Conc: N.D.



#42 AR-1268-2

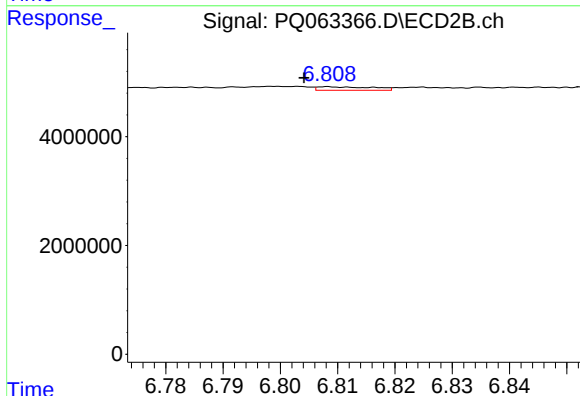
R.T.: 6.603 min
Delta R.T.: 0.001 min
Response: 871171
Conc: 1.75 ng/ml



#43 AR-1268-3

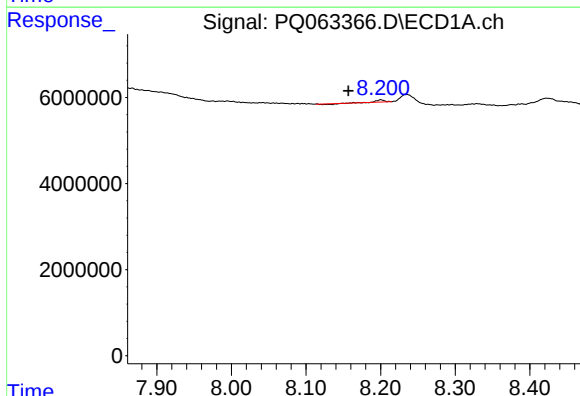
R.T.: 7.799 min
Delta R.T.: -0.034 min
Response: 11367692
Conc: 23.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



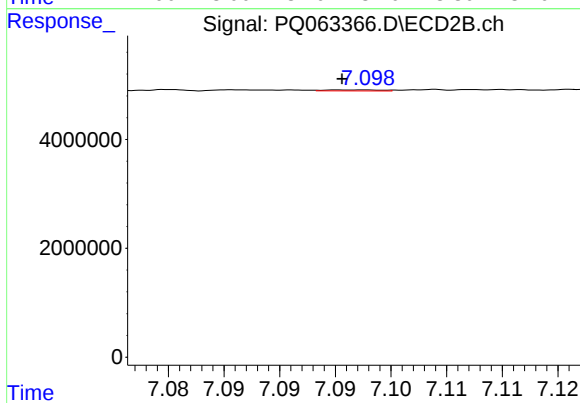
#43 AR-1268-3

R.T.: 6.808 min
Delta R.T.: 0.004 min
Response: 431306
Conc: 1.01 ng/ml



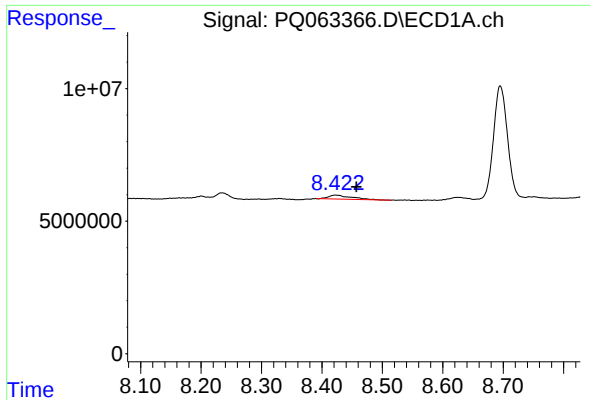
#44 AR-1268-4

R.T.: 8.200 min
Delta R.T.: 0.043 min
Response: 205101
Conc: 1.07 ng/ml



#44 AR-1268-4

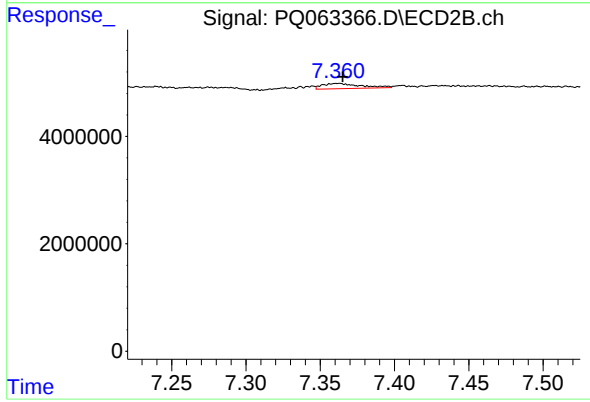
R.T.: 7.097 min
Delta R.T.: 0.002 min
Response: 65642
Conc: 0.35 ng/ml



#45 AR-1268-5

R.T.: 8.422 min
Delta R.T.: -0.035 min
Response: 3824890
Conc: 2.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.363 min
Delta R.T.: -0.002 min
Response: 1780034
Conc: 1.35 ng/ml