

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ092723\
 Data File : PQ063422.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Sep 2023 17:56
 Operator : YP\AJ
 Sample : 04620-12
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 28 01:24:38 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...	3.463	2.781	106.3E6	81099680	22.694	23.467
2) SA Decachlor...	8.697	7.581	80777336	78862865	23.115	21.938
Target Compounds						
3) L1 AR-1016-1	4.536f	3.797	3595961	83383	24.732	0.669 #
4) L1 AR-1016-2	4.625f	3.808	4536008	103056	19.414	0.580 #
5) L1 AR-1016-3	4.653	3.966	1303673	98657	9.072	1.022 #
6) L1 AR-1016-4	4.764	4.024	2199476	329032	19.282	4.059 #
7) L1 AR-1016-5	5.037	4.203	3112777	106694	26.490	1.060 #
8) L2 AR-1221-1	3.649	2.988	2076564	33613	36.296	0.723 #
9) L2 AR-1221-2	3.745	3.072	1744236	44213	46.138	1.430 #
10) L2 AR-1221-3	3.804	3.135	155113	93833	1.229	0.881 #
11) L3 AR-1232-1	3.804	3.135	155113	93833	1.490	1.079 #
12) L3 AR-1232-2	4.326	3.808	8428176	103056	132.503	1.274 #
13) L3 AR-1232-3	4.625f	3.966	4536008	98657	43.285	2.326 #
14) L3 AR-1232-4	4.764	4.058	2199476	95875	44.260	2.615 #
15) L3 AR-1232-5	4.846	4.203	778051	106694	20.485	2.473 #
16) L4 AR-1242-1	4.536f	3.790	3595961	78316	27.268	0.718 #
17) L4 AR-1242-2	4.625f	3.808	4536008	103056	21.920	0.663 #
18) L4 AR-1242-3	4.653	3.966	1303673	98657	10.283	1.176 #
19) L4 AR-1242-4	4.764	4.058	2199476	95875	21.325	1.196 #
20) L4 AR-1242-5	5.455	4.552	1811278	319826	16.563	3.056 #
21) L5 AR-1248-1	4.536f	3.797	3595961	83383	36.592	1.039 #
22) L5 AR-1248-2	4.846	4.024	778051	329032	5.440	2.748 #
23) L5 AR-1248-3	5.037	4.058	3112777	95875	18.095	0.836 #
24) L5 AR-1248-4	5.455	4.203	1811278	106694	9.474	0.757 #
25) L5 AR-1248-5	5.455	4.589	1811278	289567	9.736	2.096 #
26) L6 AR-1254-1	5.402	4.552	2304952	319826	11.461	1.517 #
27) L6 AR-1254-2	5.618	4.709	1166449	48930	3.826	0.264 #
28) L6 AR-1254-3	5.983	5.091	1382347	236962	4.214	0.828 #
29) L6 AR-1254-4	6.277	5.314	921939	258183	3.806	1.395 #
30) L6 AR-1254-5	0.000	5.712	0	1931003	N.D.	7.474 #
31) L7 AR-1260-1	6.150	5.220	1230873	442323	5.117	2.191 #
32) L7 AR-1260-2	6.399	5.394	1271020	259608	4.486	1.061 #
33) L7 AR-1260-3	6.790	5.555	173399	1451498	0.853	6.138 #
34) L7 AR-1260-4	6.993	6.015	1079910	147557	4.530	0.773 #
35) L7 AR-1260-5	7.326f	6.263	6199135	217686	13.847	0.497 #
36) L8 AR-1262-1	6.790	5.811	173399	78359	0.557	0.745 #
37) L8 AR-1262-2	7.326f	6.015	6199135	147557	11.940	0.636 #
38) L8 AR-1262-3	7.568	6.539	151016	1975136	0.436	10.283 #
39) L8 AR-1262-4	7.661	6.603	255539	385167	0.939	1.101
41) L9 AR-1268-1	7.568	6.539	151016	1975136	0.244	3.523 #
42) L9 AR-1268-2	7.661	6.603	255539	385167	0.446	0.774 #

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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 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

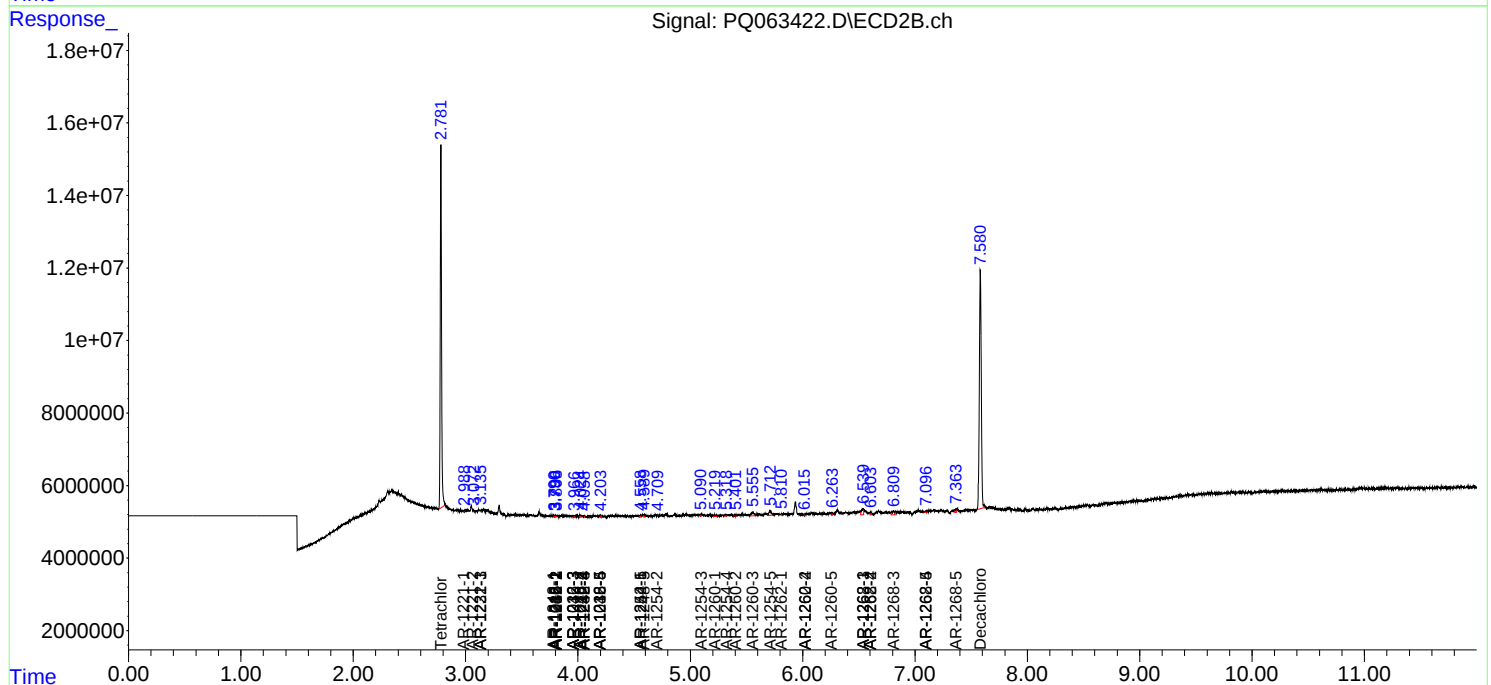
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

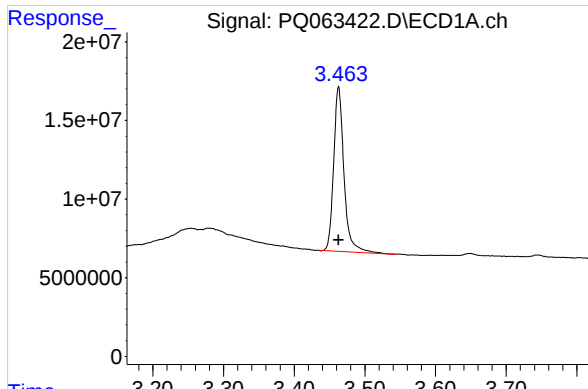
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43)	L9 AR-1268-3	7.833	6.809	608247	1856133	1.247	4.354 #
45)	L9 AR-1268-5	8.456	7.364	699292	916431	0.490	0.697 #

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

Instrument :
ECD_Q
ClientSampleId :

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

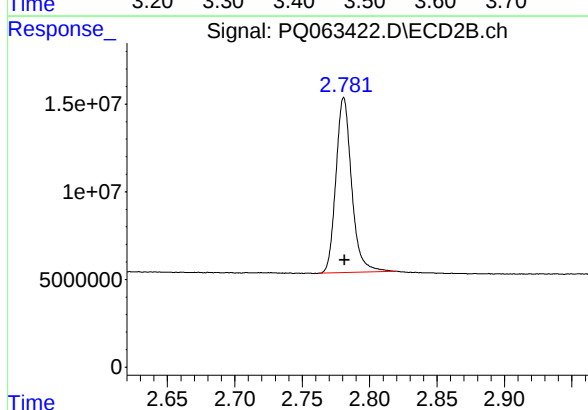




#1 Tetrachloro-m-xylene

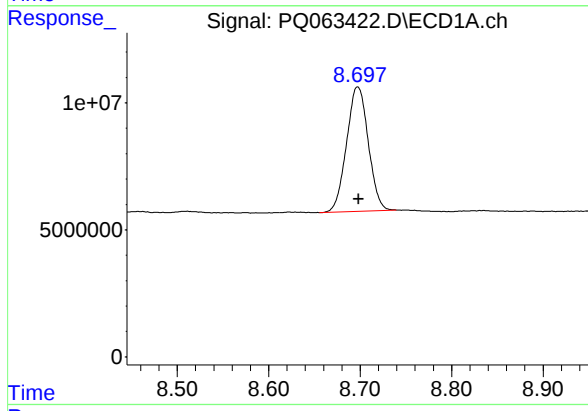
R.T.: 3.463 min
Delta R.T.: 0.000 min
Response: 106290020
Conc: 22.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



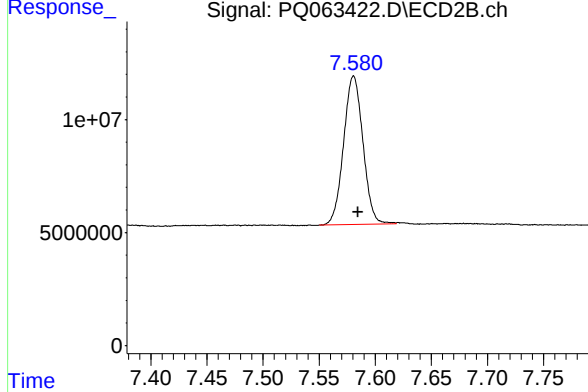
#1 Tetrachloro-m-xylene

R.T.: 2.781 min
Delta R.T.: 0.000 min
Response: 81099680
Conc: 23.47 ng/ml



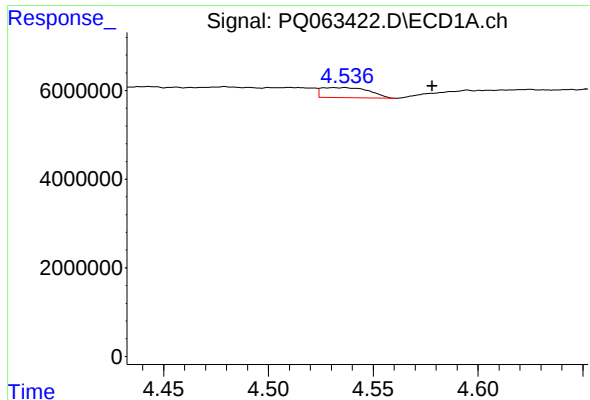
#2 Decachlorobiphenyl

R.T.: 8.697 min
Delta R.T.: -0.001 min
Response: 80777336
Conc: 23.12 ng/ml



#2 Decachlorobiphenyl

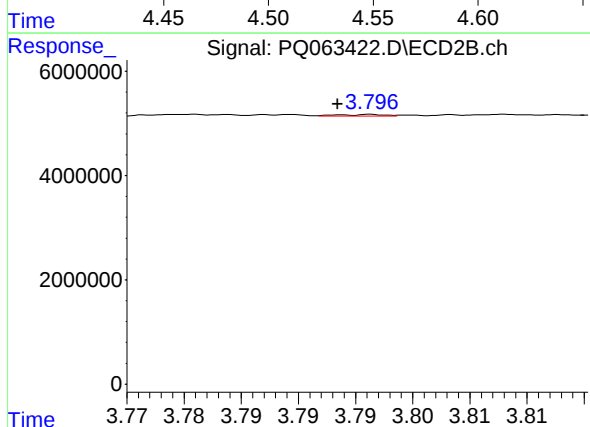
R.T.: 7.581 min
Delta R.T.: -0.004 min
Response: 78862865
Conc: 21.94 ng/ml



#3 AR-1016-1

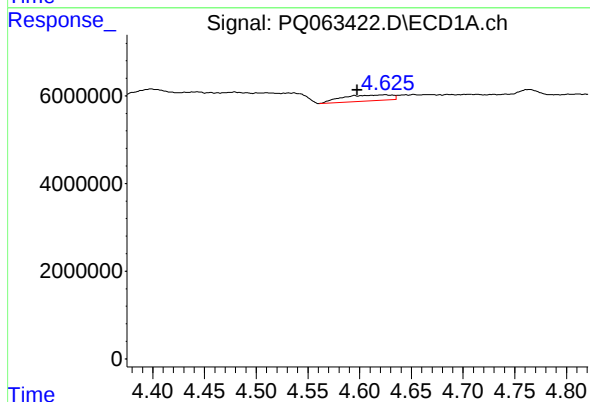
R.T.: 4.536 min
Delta R.T.: -0.042 min
Response: 3595961
Conc: 24.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



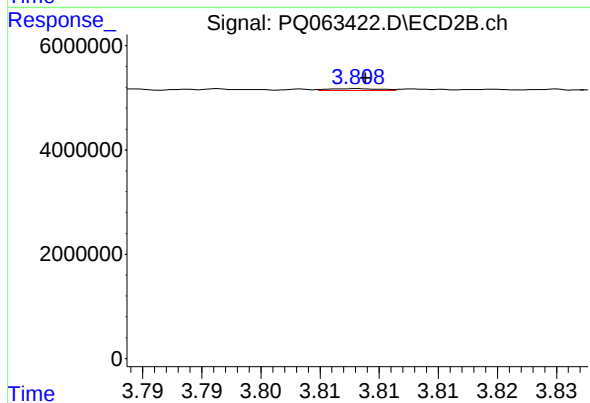
#3 AR-1016-1

R.T.: 3.797 min
Delta R.T.: 0.003 min
Response: 83383
Conc: 0.67 ng/ml



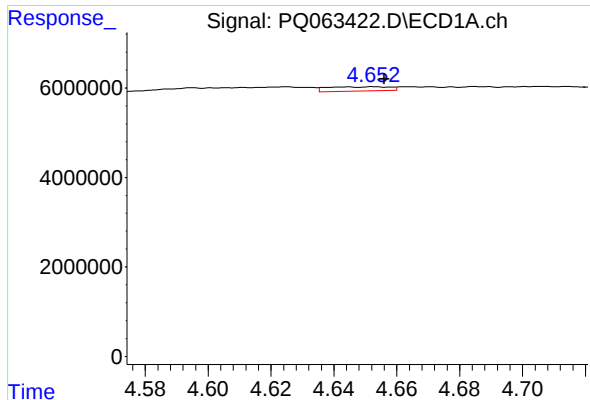
#4 AR-1016-2

R.T.: 4.625 min
Delta R.T.: 0.027 min
Response: 4536008
Conc: 19.41 ng/ml



#4 AR-1016-2

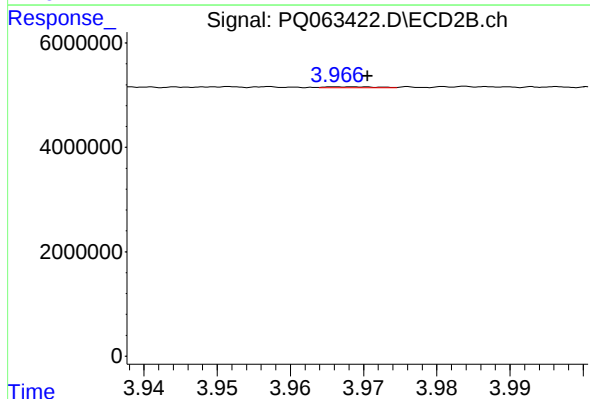
R.T.: 3.808 min
Delta R.T.: 0.000 min
Response: 103056
Conc: 0.58 ng/ml



#5 AR-1016-3

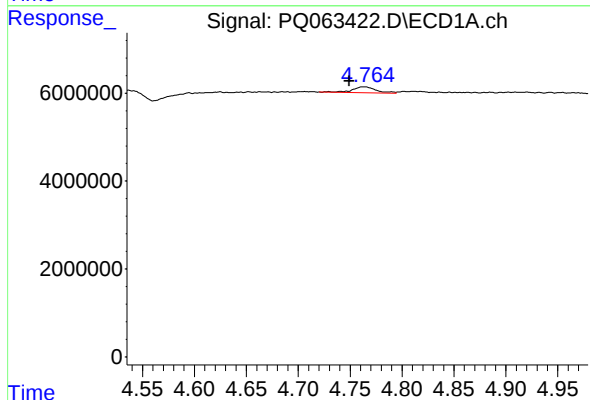
R.T.: 4.653 min
Delta R.T.: -0.004 min
Response: 1303673
Conc: 9.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



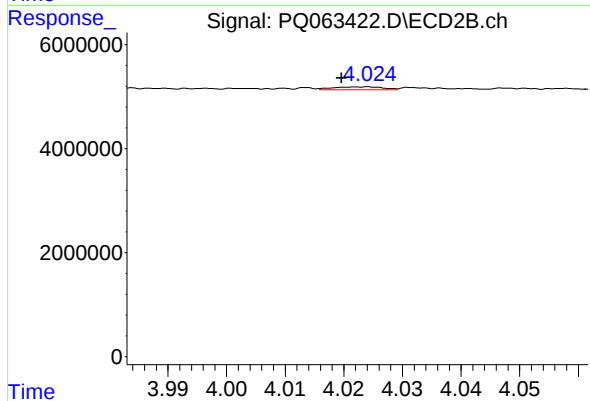
#5 AR-1016-3

R.T.: 3.966 min
Delta R.T.: -0.004 min
Response: 98657
Conc: 1.02 ng/ml



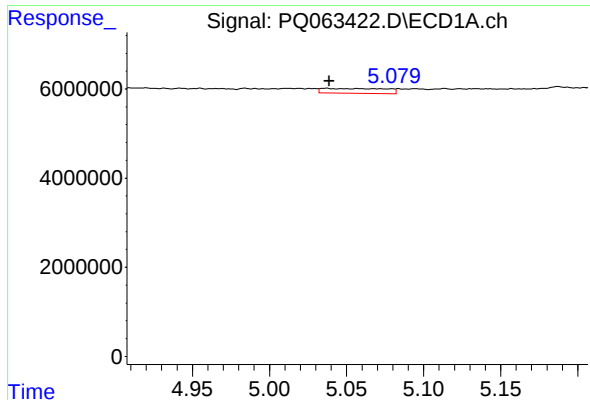
#6 AR-1016-4

R.T.: 4.764 min
Delta R.T.: 0.015 min
Response: 2199476
Conc: 19.28 ng/ml



#6 AR-1016-4

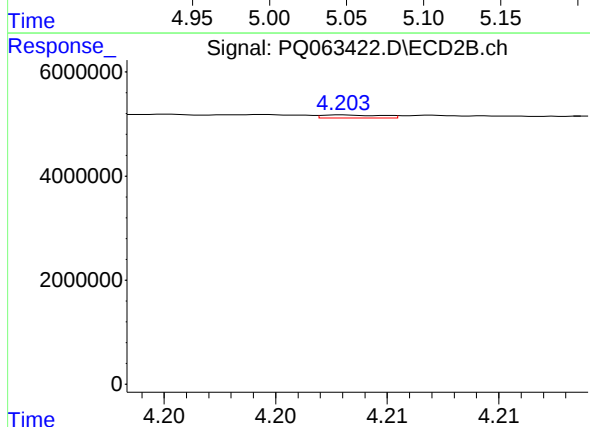
R.T.: 4.024 min
Delta R.T.: 0.005 min
Response: 329032
Conc: 4.06 ng/ml



#7 AR-1016-5

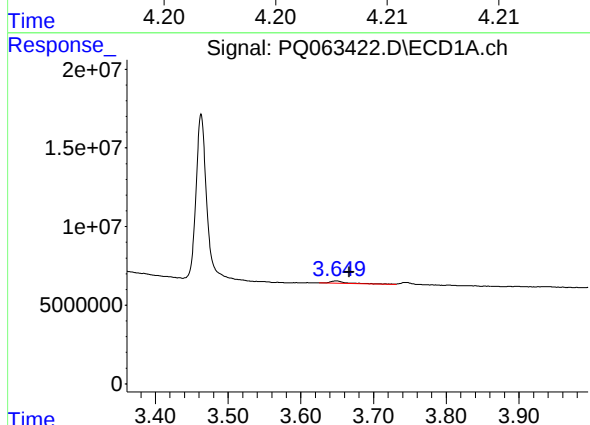
R.T.: 5.037 min
Delta R.T.: -0.002 min
Response: 3112777
Conc: 26.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



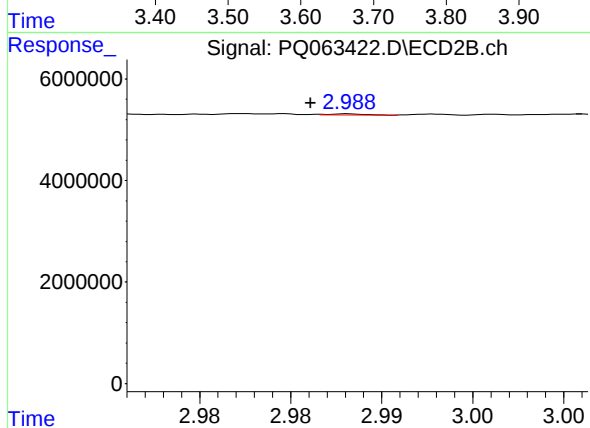
#7 AR-1016-5

R.T.: 4.203 min
Delta R.T.: -0.013 min
Response: 106694
Conc: 1.06 ng/ml



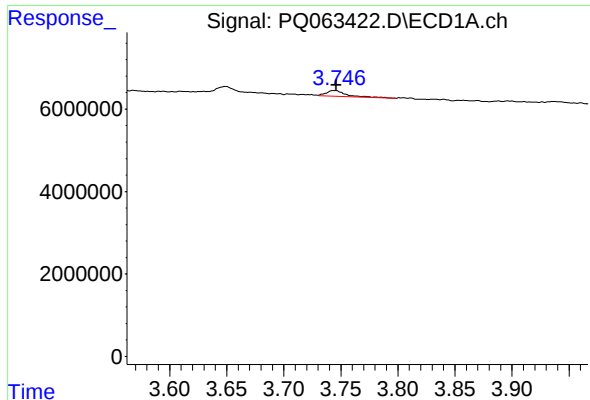
#8 AR-1221-1

R.T.: 3.649 min
Delta R.T.: -0.018 min
Response: 2076564
Conc: 36.30 ng/ml



#8 AR-1221-1

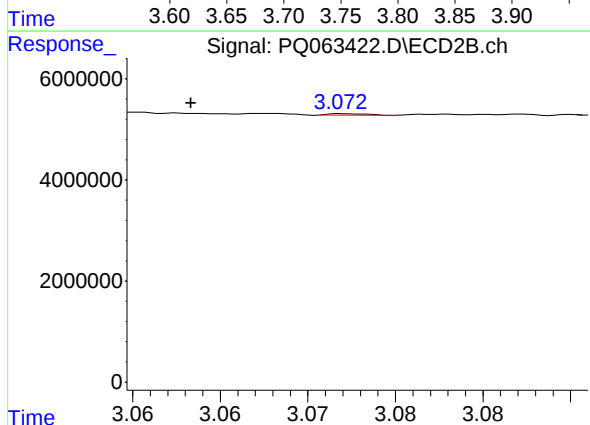
R.T.: 2.988 min
Delta R.T.: 0.002 min
Response: 33613
Conc: 0.72 ng/ml



#9 AR-1221-2

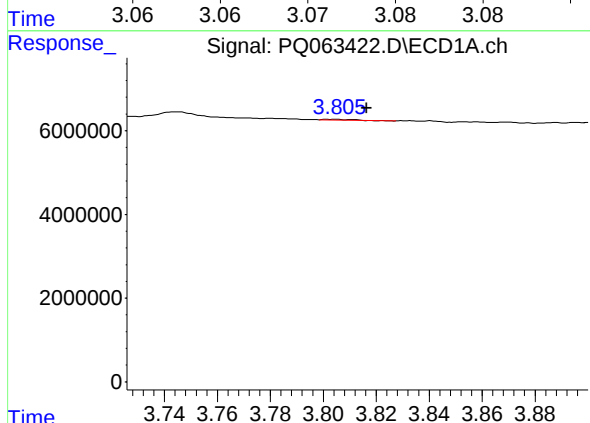
R.T.: 3.745 min
Delta R.T.: -0.001 min
Response: 1744236
Conc: 46.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



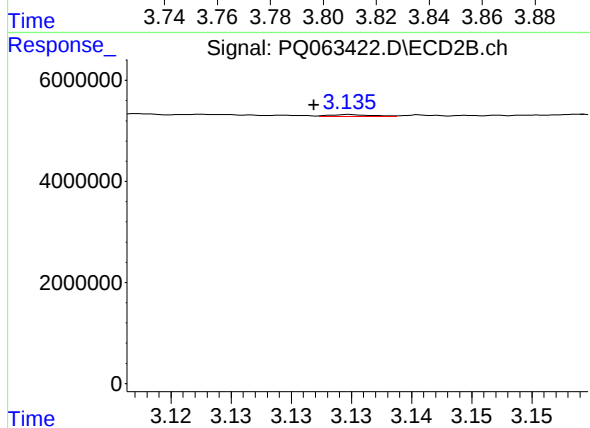
#9 AR-1221-2

R.T.: 3.072 min
Delta R.T.: 0.009 min
Response: 44213
Conc: 1.43 ng/ml



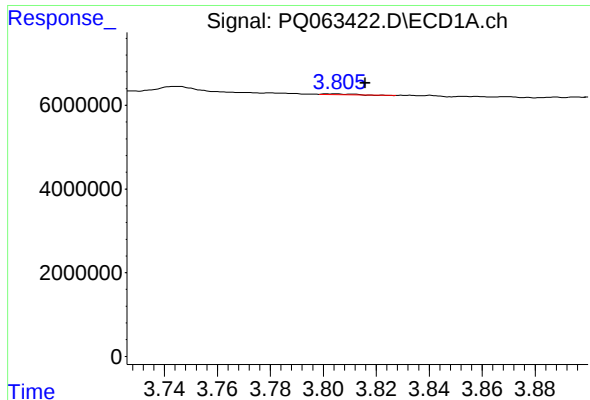
#10 AR-1221-3

R.T.: 3.804 min
Delta R.T.: -0.013 min
Response: 155113
Conc: 1.23 ng/ml



#10 AR-1221-3

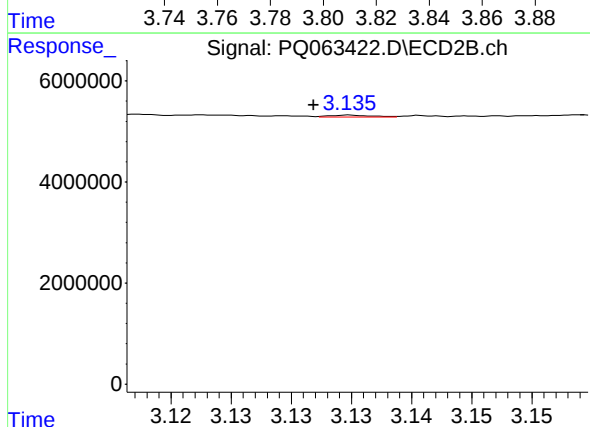
R.T.: 3.135 min
Delta R.T.: 0.003 min
Response: 93833
Conc: 0.88 ng/ml



#11 AR-1232-1

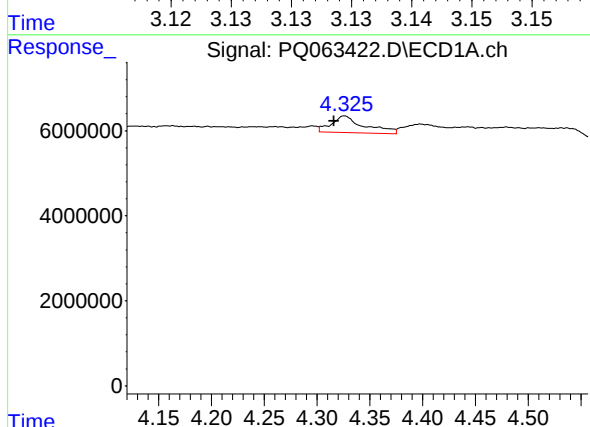
R.T.: 3.804 min
Delta R.T.: -0.012 min
Response: 155113
Conc: 1.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



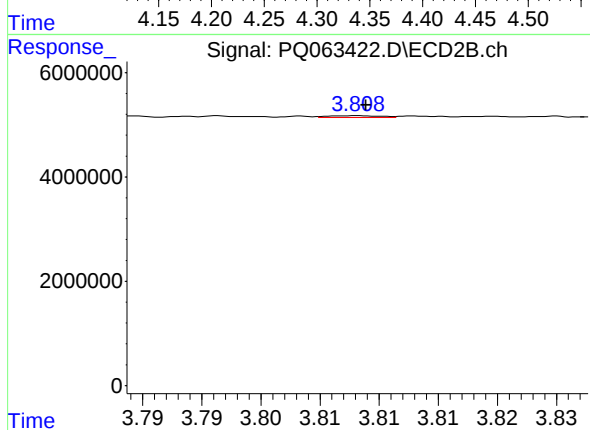
#11 AR-1232-1

R.T.: 3.135 min
Delta R.T.: 0.003 min
Response: 93833
Conc: 1.08 ng/ml



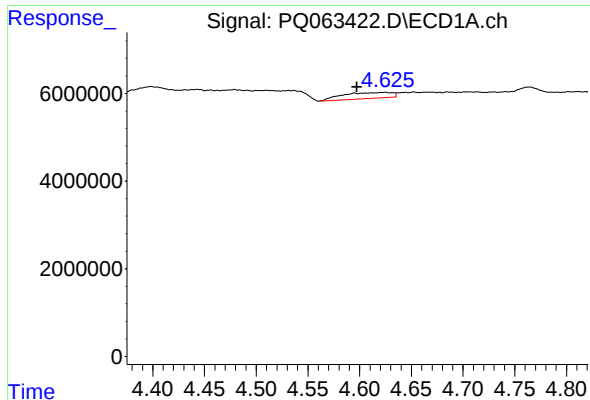
#12 AR-1232-2

R.T.: 4.326 min
Delta R.T.: 0.010 min
Response: 8428176
Conc: 132.50 ng/ml



#12 AR-1232-2

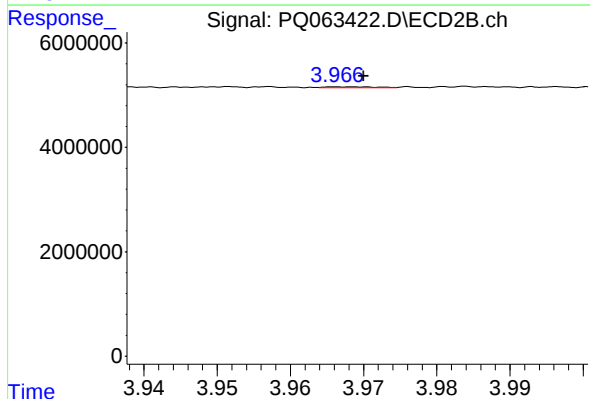
R.T.: 3.808 min
Delta R.T.: 0.000 min
Response: 103056
Conc: 1.27 ng/ml



#13 AR-1232-3

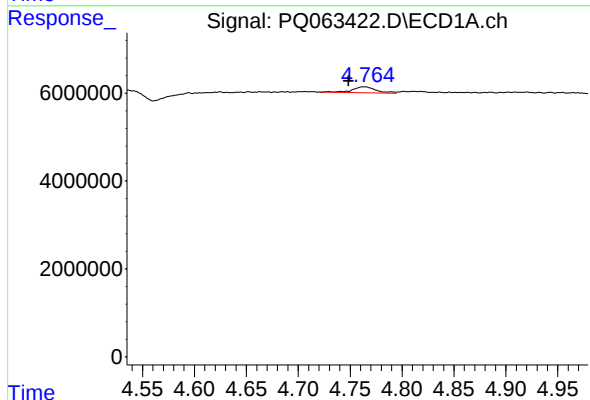
R.T.: 4.625 min
Delta R.T.: 0.028 min
Response: 4536008
Conc: 43.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



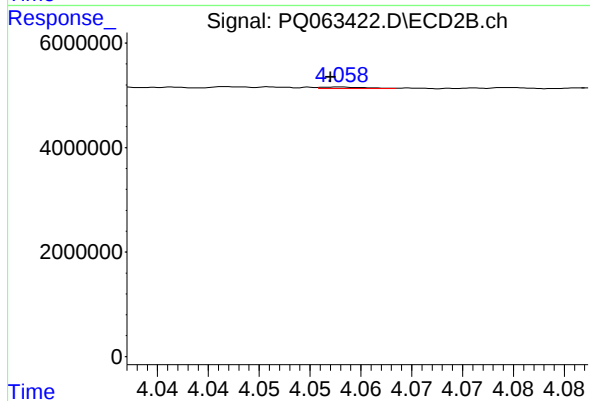
#13 AR-1232-3

R.T.: 3.966 min
Delta R.T.: -0.004 min
Response: 98657
Conc: 2.33 ng/ml



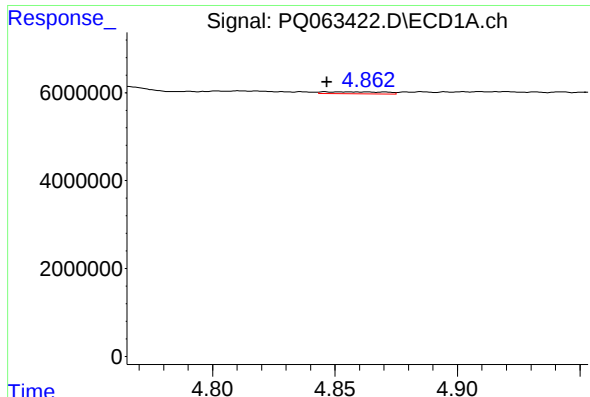
#14 AR-1232-4

R.T.: 4.764 min
Delta R.T.: 0.015 min
Response: 2199476
Conc: 44.26 ng/ml



#14 AR-1232-4

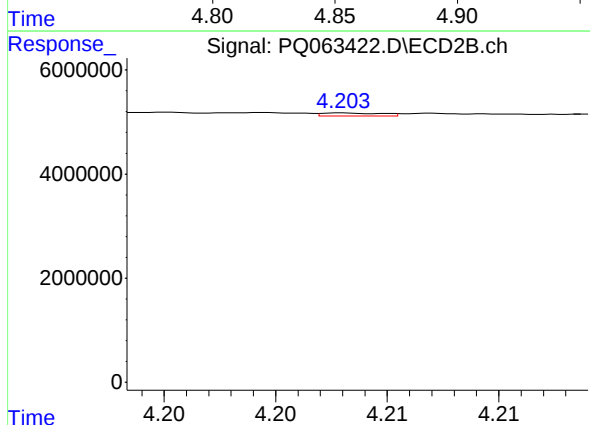
R.T.: 4.058 min
Delta R.T.: 0.001 min
Response: 95875
Conc: 2.61 ng/ml



#15 AR-1232-5

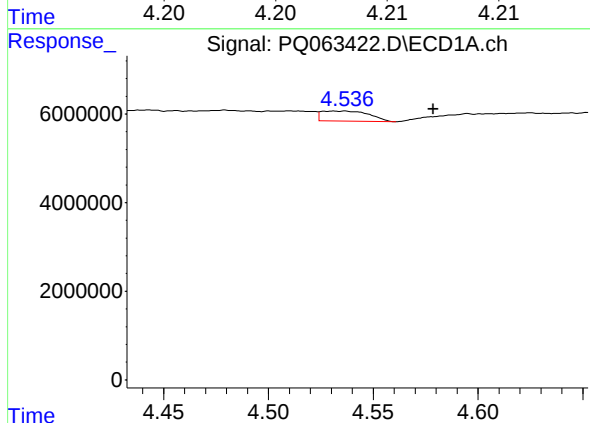
R.T.: 4.846 min
Delta R.T.: 0.000 min
Response: 778051
Conc: 20.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



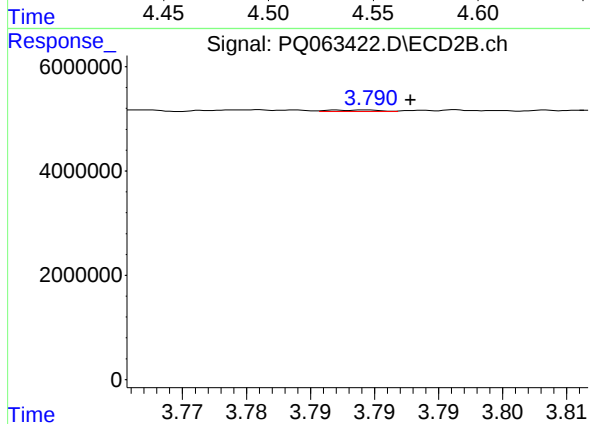
#15 AR-1232-5

R.T.: 4.203 min
Delta R.T.: -0.013 min
Response: 106694
Conc: 2.47 ng/ml



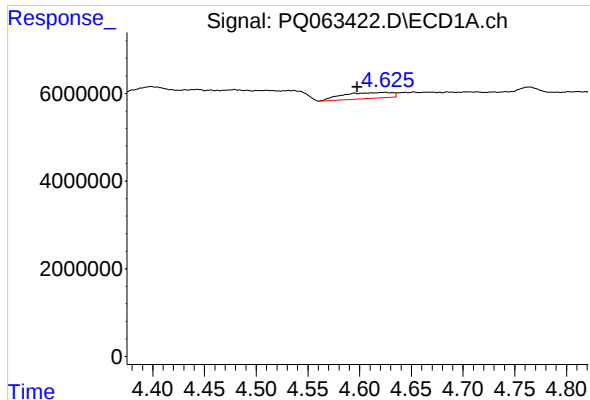
#16 AR-1242-1

R.T.: 4.536 min
Delta R.T.: -0.042 min
Response: 3595961
Conc: 27.27 ng/ml



#16 AR-1242-1

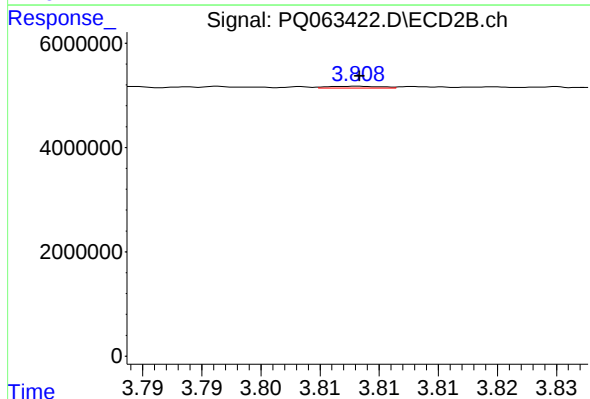
R.T.: 3.790 min
Delta R.T.: -0.003 min
Response: 78316
Conc: 0.72 ng/ml



#17 AR-1242-2

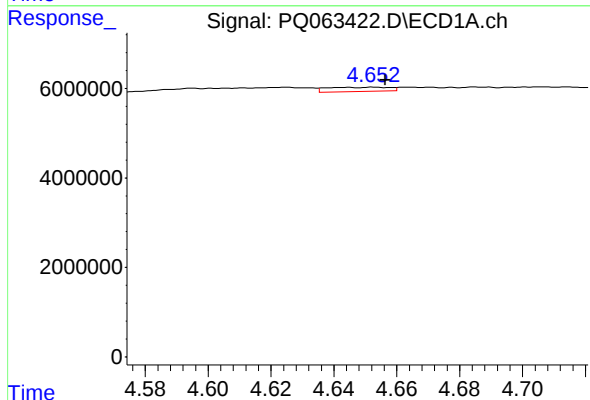
R.T.: 4.625 min
Delta R.T.: 0.027 min
Response: 4536008
Conc: 21.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



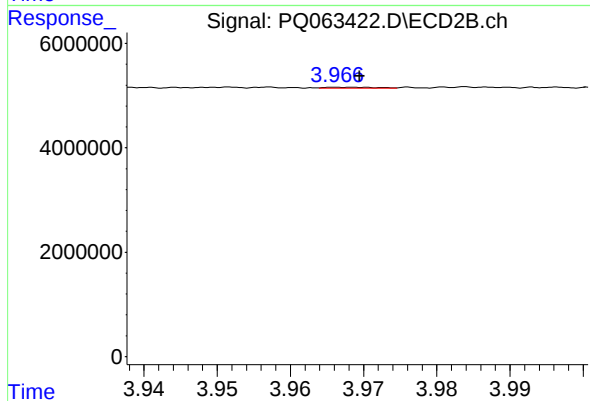
#17 AR-1242-2

R.T.: 3.808 min
Delta R.T.: 0.000 min
Response: 103056
Conc: 0.66 ng/ml



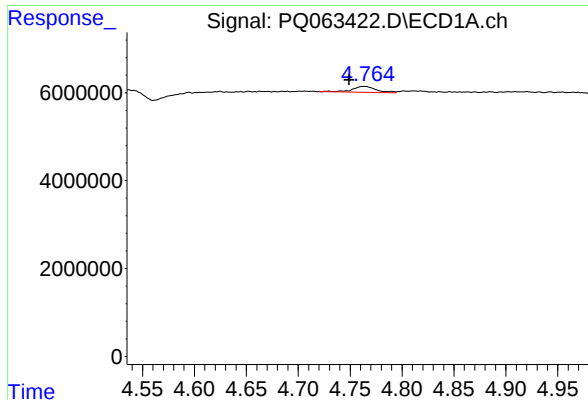
#18 AR-1242-3

R.T.: 4.653 min
Delta R.T.: -0.004 min
Response: 1303673
Conc: 10.28 ng/ml



#18 AR-1242-3

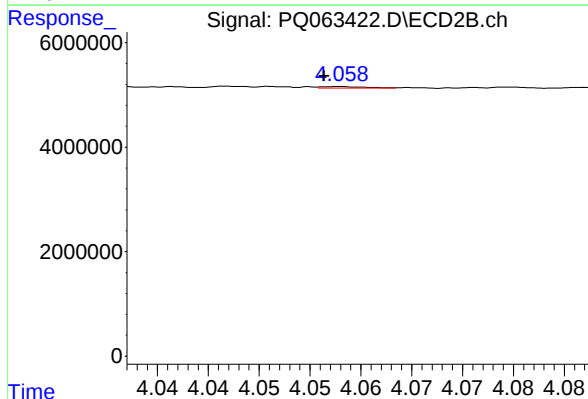
R.T.: 3.966 min
Delta R.T.: -0.003 min
Response: 98657
Conc: 1.18 ng/ml



#19 AR-1242-4

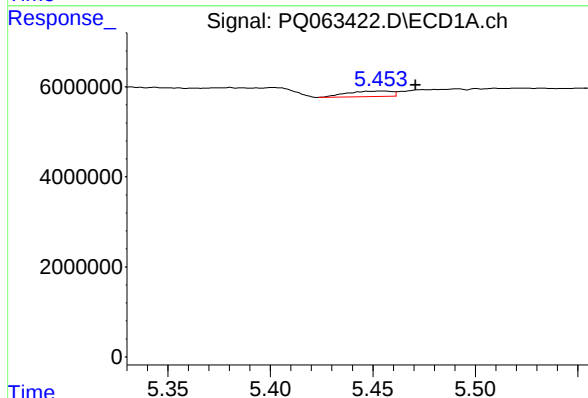
R.T.: 4.764 min
Delta R.T.: 0.015 min
Response: 2199476
Conc: 21.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



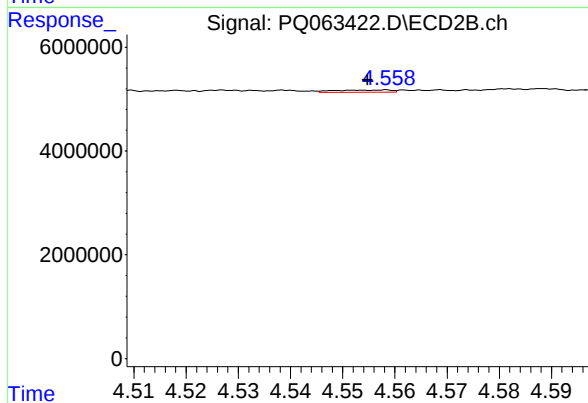
#19 AR-1242-4

R.T.: 4.058 min
Delta R.T.: 0.002 min
Response: 95875
Conc: 1.20 ng/ml



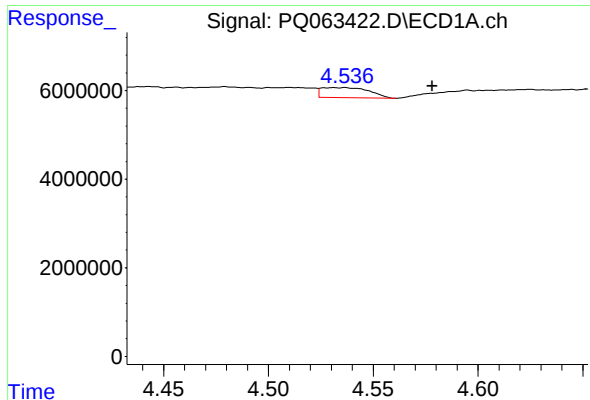
#20 AR-1242-5

R.T.: 5.455 min
Delta R.T.: -0.016 min
Response: 1811278
Conc: 16.56 ng/ml



#20 AR-1242-5

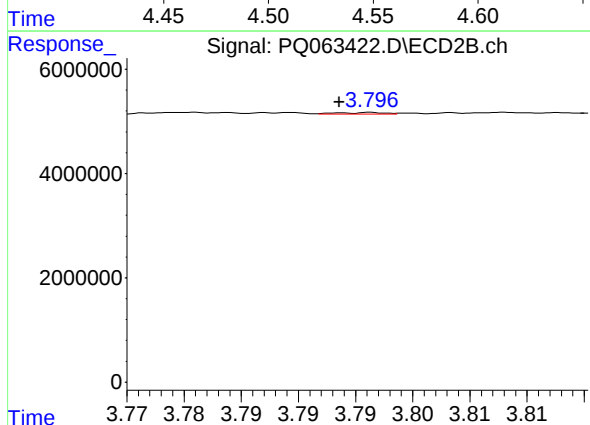
R.T.: 4.552 min
Delta R.T.: -0.003 min
Response: 319826
Conc: 3.06 ng/ml



#21 AR-1248-1

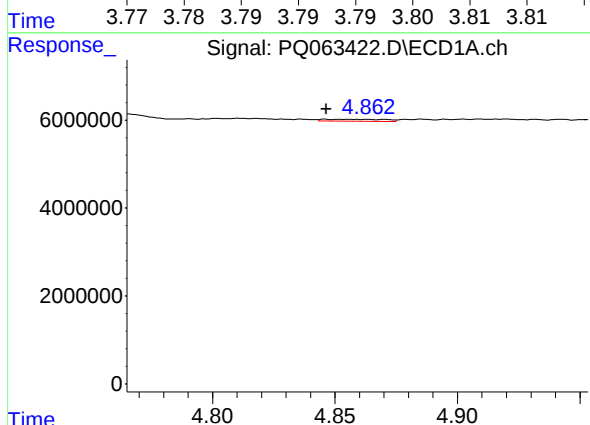
R.T.: 4.536 min
Delta R.T.: -0.042 min
Response: 3595961
Conc: 36.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



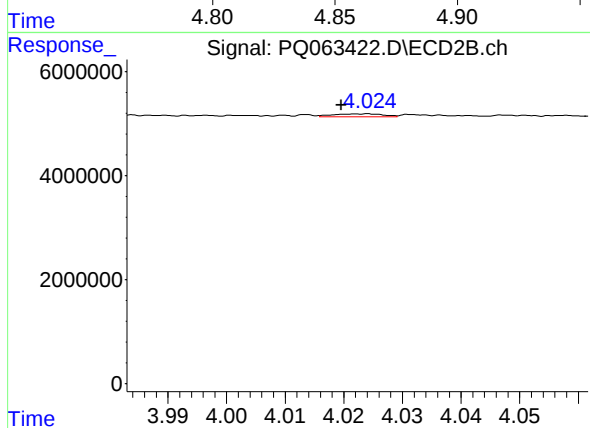
#21 AR-1248-1

R.T.: 3.797 min
Delta R.T.: 0.003 min
Response: 83383
Conc: 1.04 ng/ml



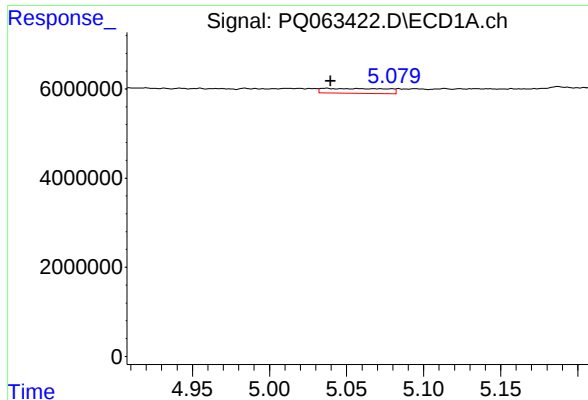
#22 AR-1248-2

R.T.: 4.846 min
Delta R.T.: 0.000 min
Response: 778051
Conc: 5.44 ng/ml



#22 AR-1248-2

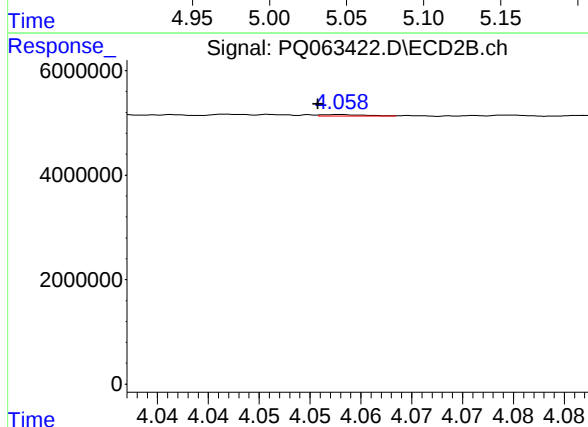
R.T.: 4.024 min
Delta R.T.: 0.005 min
Response: 329032
Conc: 2.75 ng/ml



#23 AR-1248-3

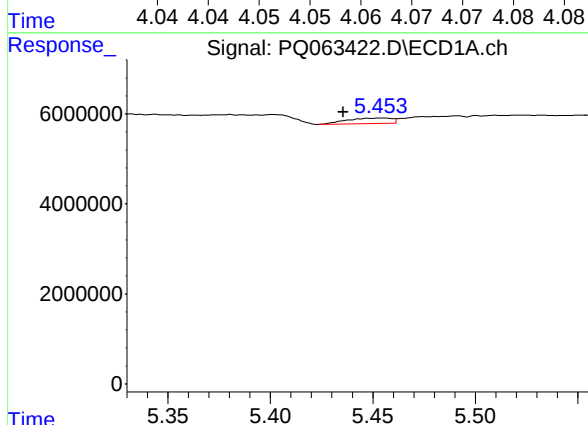
R.T.: 5.037 min
Delta R.T.: -0.003 min
Response: 3112777
Conc: 18.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



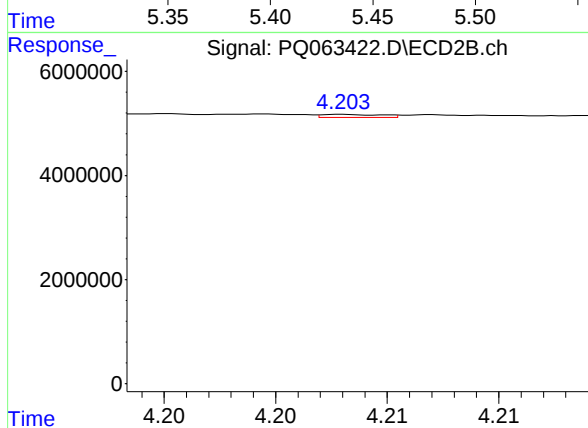
#23 AR-1248-3

R.T.: 4.058 min
Delta R.T.: 0.002 min
Response: 95875
Conc: 0.84 ng/ml



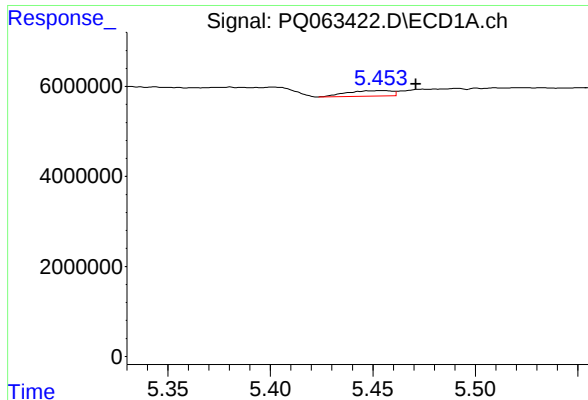
#24 AR-1248-4

R.T.: 5.455 min
Delta R.T.: 0.019 min
Response: 1811278
Conc: 9.47 ng/ml



#24 AR-1248-4

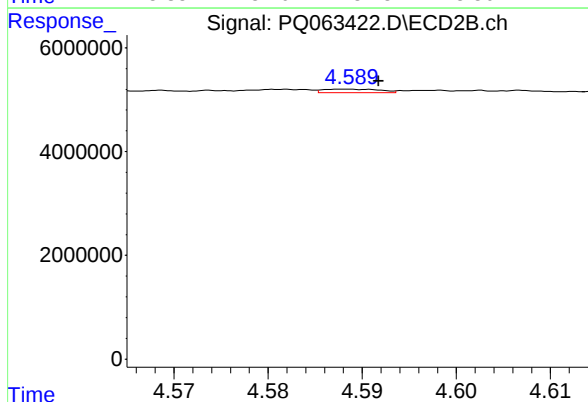
R.T.: 4.203 min
Delta R.T.: -0.012 min
Response: 106694
Conc: 0.76 ng/ml



#25 AR-1248-5

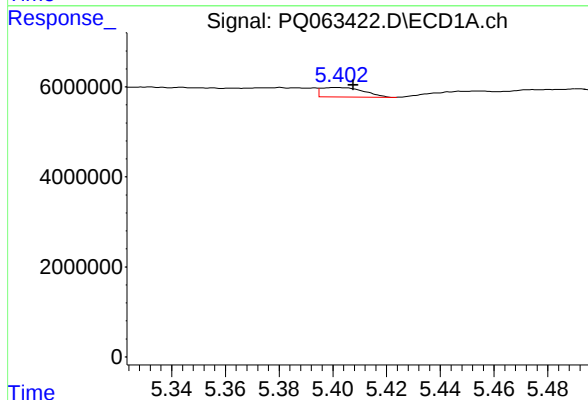
R.T.: 5.455 min
Delta R.T.: -0.016 min
Response: 1811278
Conc: 9.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



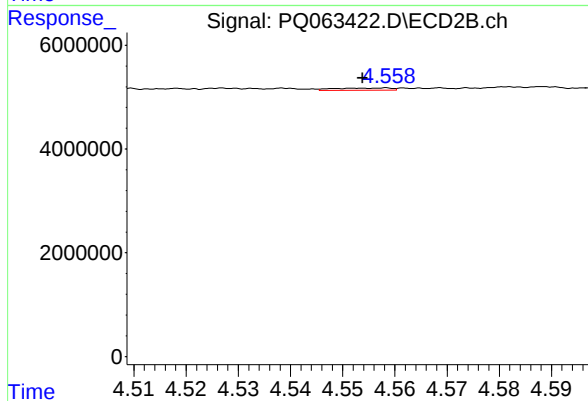
#25 AR-1248-5

R.T.: 4.589 min
Delta R.T.: -0.003 min
Response: 289567
Conc: 2.10 ng/ml



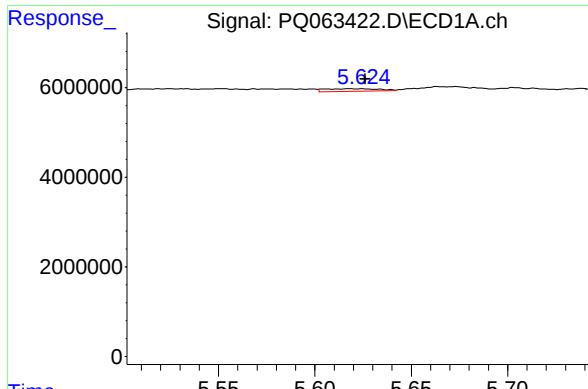
#26 AR-1254-1

R.T.: 5.402 min
Delta R.T.: -0.006 min
Response: 2304952
Conc: 11.46 ng/ml



#26 AR-1254-1

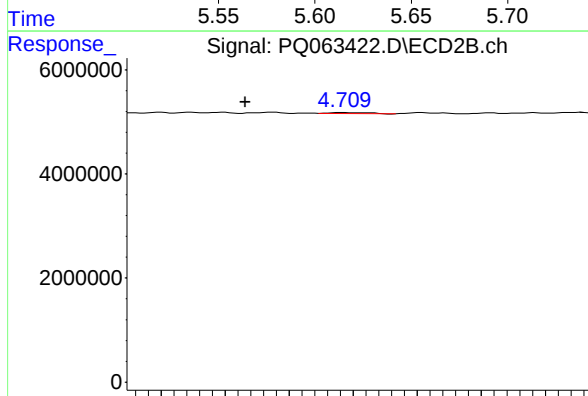
R.T.: 4.552 min
Delta R.T.: -0.002 min
Response: 319826
Conc: 1.52 ng/ml



#27 AR-1254-2

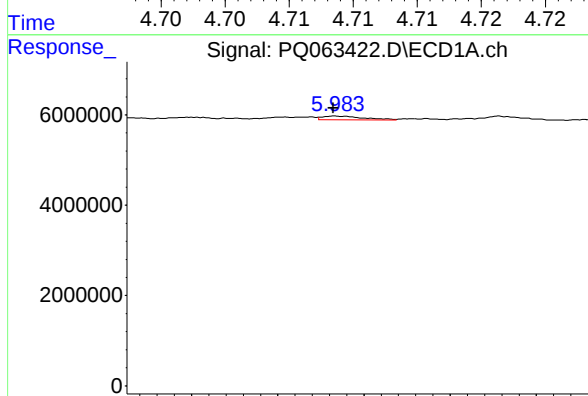
R.T.: 5.618 min
Delta R.T.: -0.008 min
Response: 1166449
Conc: 3.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



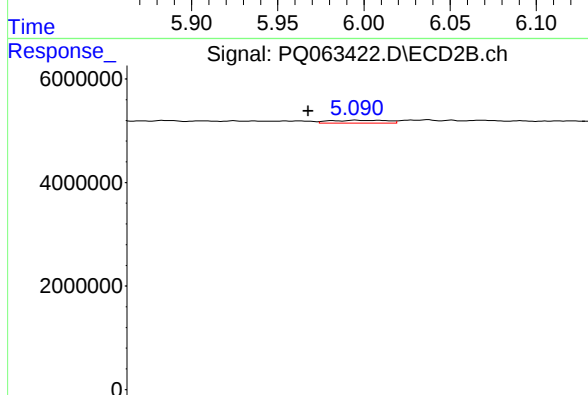
#27 AR-1254-2

R.T.: 4.709 min
Delta R.T.: 0.008 min
Response: 48930
Conc: 0.26 ng/ml



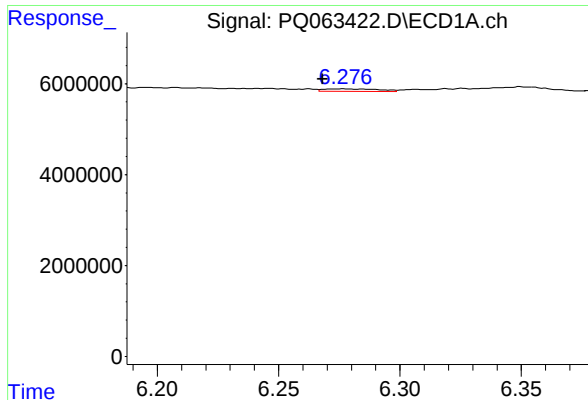
#28 AR-1254-3

R.T.: 5.983 min
Delta R.T.: 0.000 min
Response: 1382347
Conc: 4.21 ng/ml



#28 AR-1254-3

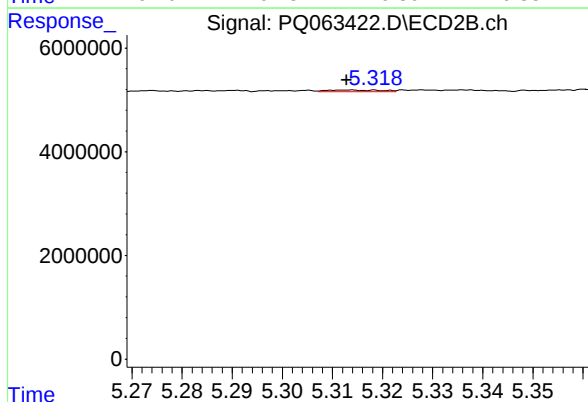
R.T.: 5.091 min
Delta R.T.: 0.006 min
Response: 236962
Conc: 0.83 ng/ml



#29 AR-1254-4

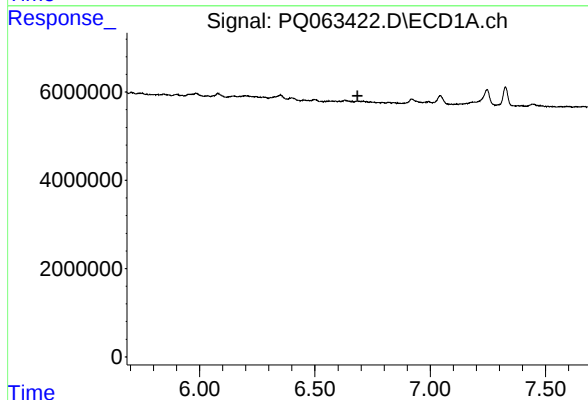
R.T.: 6.277 min
Delta R.T.: 0.009 min
Response: 921939
Conc: 3.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



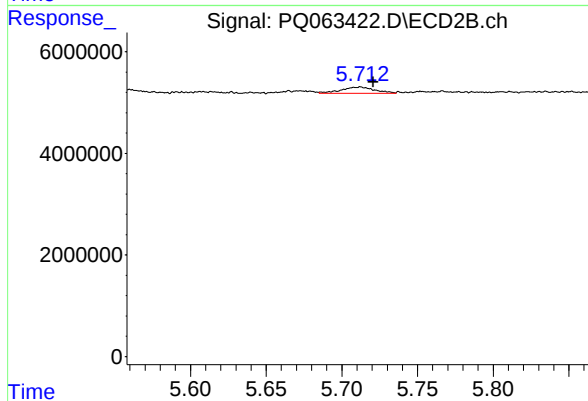
#29 AR-1254-4

R.T.: 5.314 min
Delta R.T.: 0.001 min
Response: 258183
Conc: 1.39 ng/ml



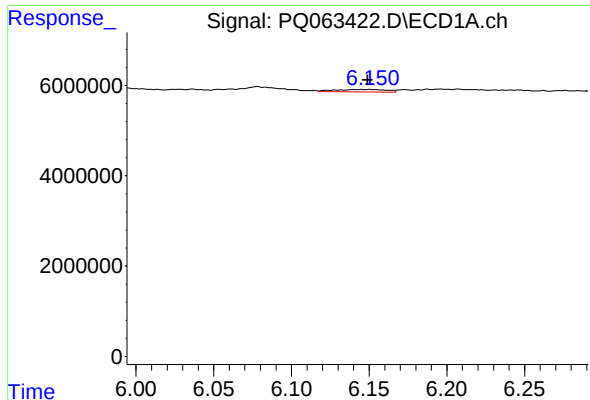
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T.: 6.685 min
Response: 0
Conc: N.D.



#30 AR-1254-5

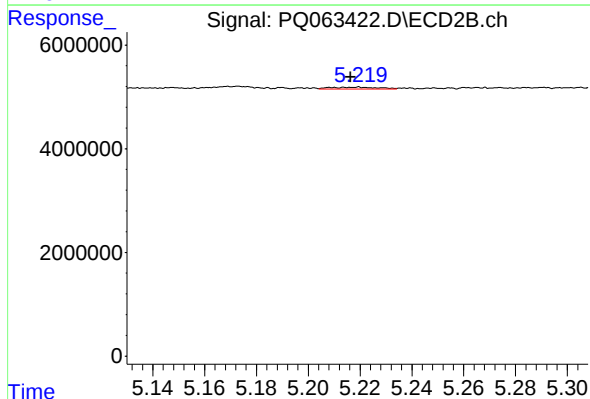
R.T.: 5.712 min
Delta R.T.: -0.008 min
Response: 1931003
Conc: 7.47 ng/ml



#31 AR-1260-1

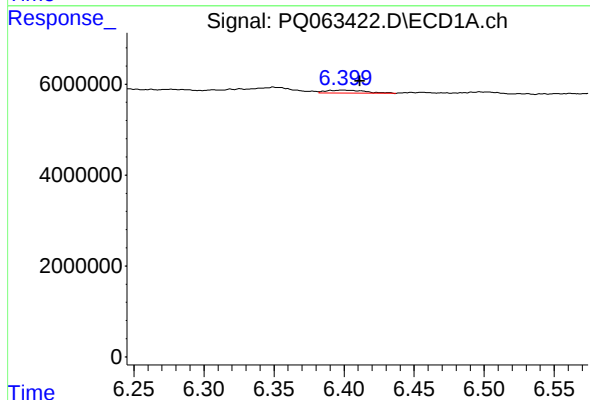
R.T.: 6.150 min
Delta R.T.: 0.000 min
Response: 1230873
Conc: 5.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



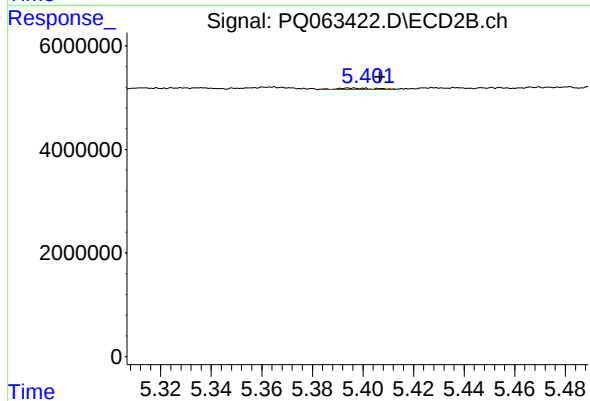
#31 AR-1260-1

R.T.: 5.220 min
Delta R.T.: 0.003 min
Response: 442323
Conc: 2.19 ng/ml



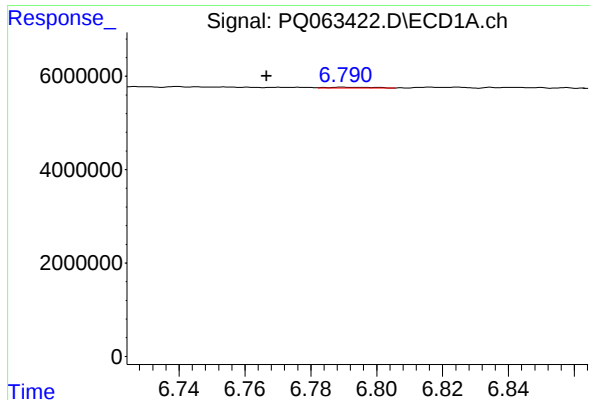
#32 AR-1260-2

R.T.: 6.399 min
Delta R.T.: -0.012 min
Response: 1271020
Conc: 4.49 ng/ml



#32 AR-1260-2

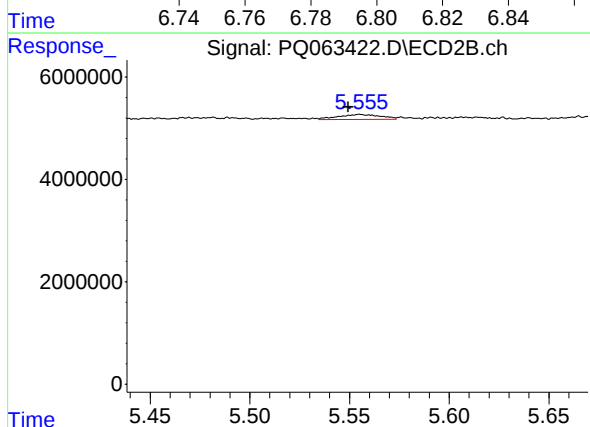
R.T.: 5.394 min
Delta R.T.: -0.012 min
Response: 259608
Conc: 1.06 ng/ml



#33 AR-1260-3

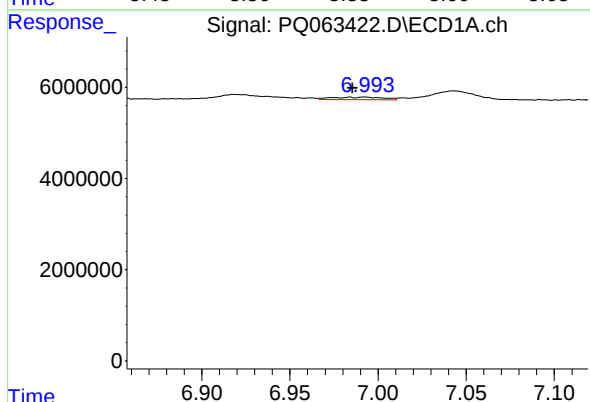
R.T.: 6.790 min
Delta R.T.: 0.023 min
Response: 173399
Conc: 0.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



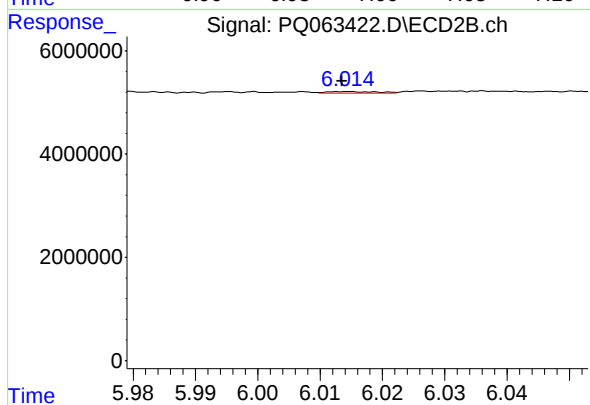
#33 AR-1260-3

R.T.: 5.555 min
Delta R.T.: 0.006 min
Response: 1451498
Conc: 6.14 ng/ml



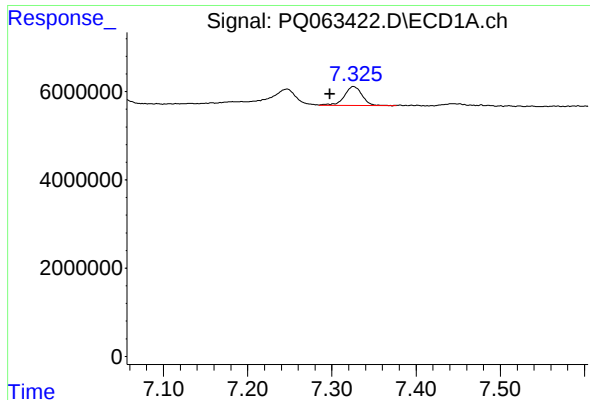
#34 AR-1260-4

R.T.: 6.993 min
Delta R.T.: 0.007 min
Response: 1079910
Conc: 4.53 ng/ml



#34 AR-1260-4

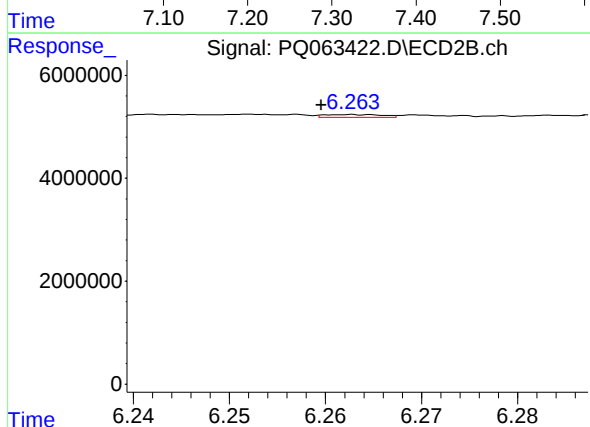
R.T.: 6.015 min
Delta R.T.: 0.001 min
Response: 147557
Conc: 0.77 ng/ml



#35 AR-1260-5

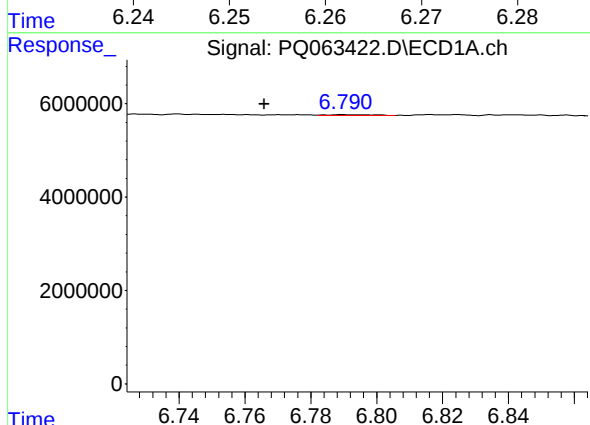
R.T.: 7.326 min
Delta R.T.: 0.028 min
Response: 6199135
Conc: 13.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



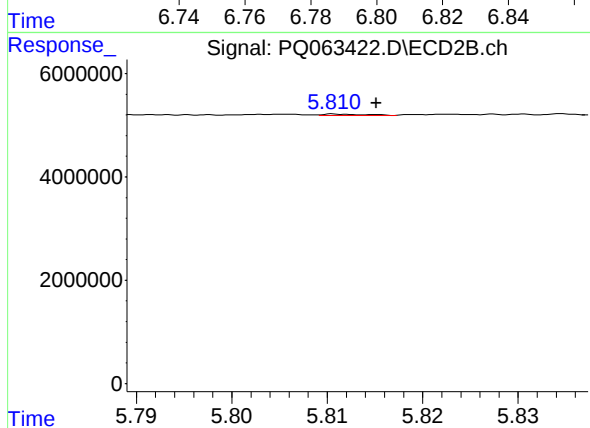
#35 AR-1260-5

R.T.: 6.263 min
Delta R.T.: 0.003 min
Response: 217686
Conc: 0.50 ng/ml



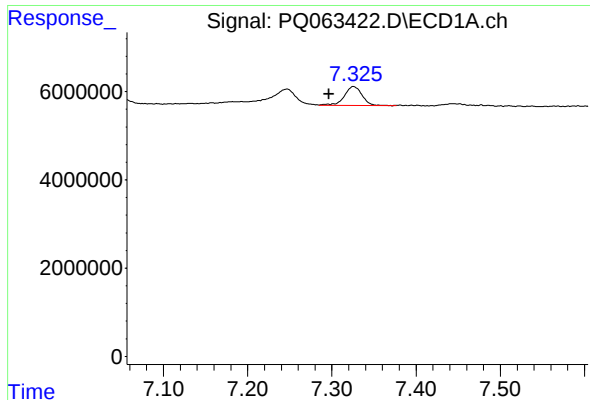
#36 AR-1262-1

R.T.: 6.790 min
Delta R.T.: 0.024 min
Response: 173399
Conc: 0.56 ng/ml



#36 AR-1262-1

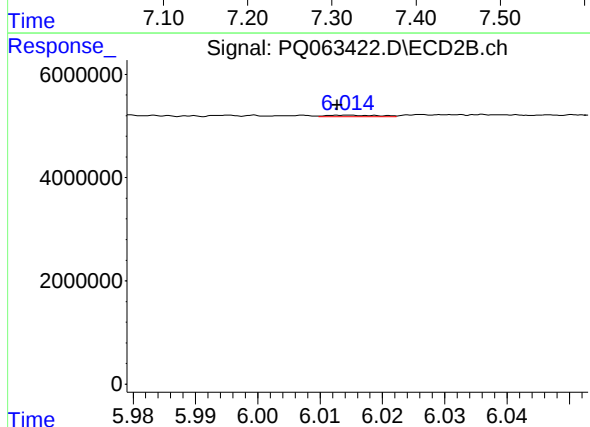
R.T.: 5.811 min
Delta R.T.: -0.004 min
Response: 78359
Conc: 0.74 ng/ml



#37 AR-1262-2

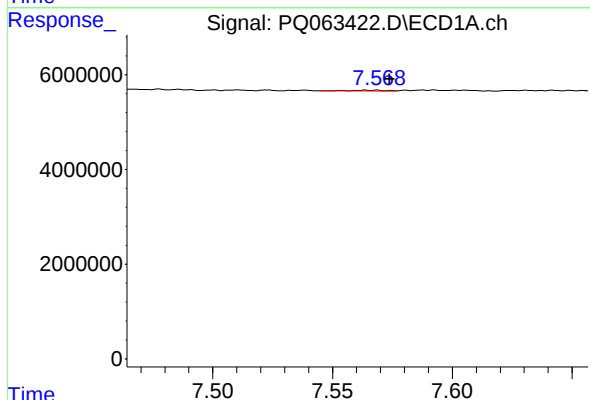
R.T.: 7.326 min
Delta R.T.: 0.029 min
Response: 6199135
Conc: 11.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



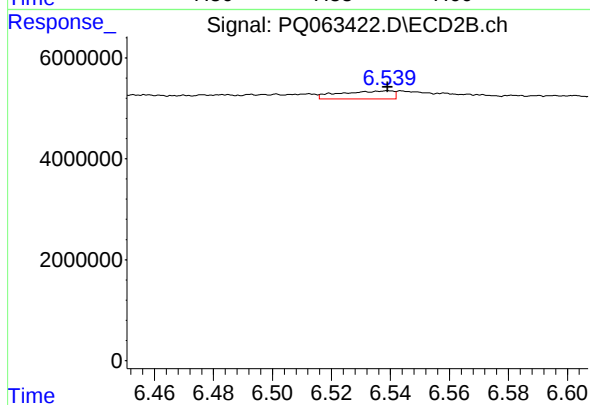
#37 AR-1262-2

R.T.: 6.015 min
Delta R.T.: 0.002 min
Response: 147557
Conc: 0.64 ng/ml



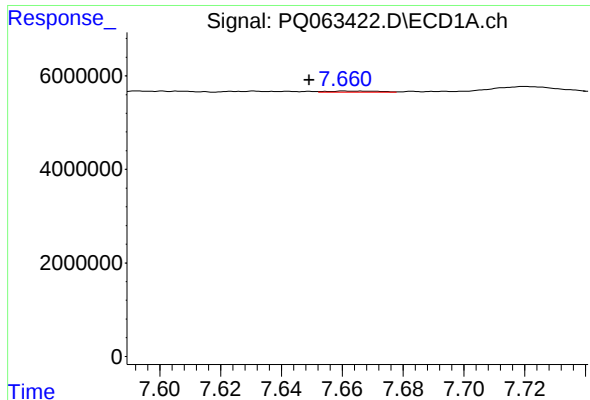
#38 AR-1262-3

R.T.: 7.568 min
Delta R.T.: -0.005 min
Response: 151016
Conc: 0.44 ng/ml



#38 AR-1262-3

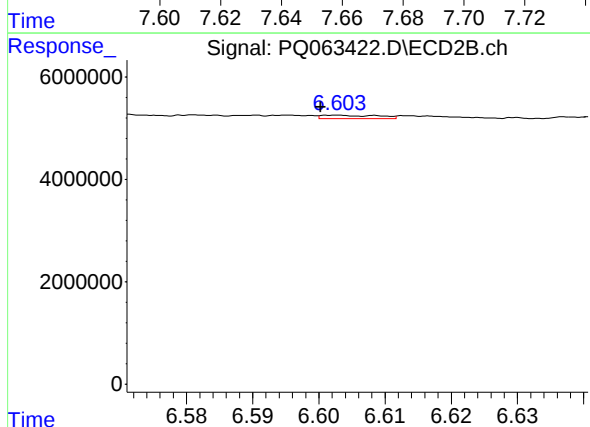
R.T.: 6.539 min
Delta R.T.: 0.000 min
Response: 1975136
Conc: 10.28 ng/ml



#39 AR-1262-4

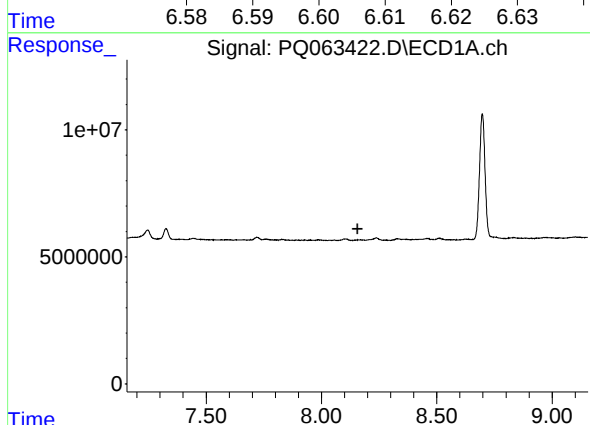
R.T.: 7.661 min
Delta R.T.: 0.012 min
Response: 255539
Conc: 0.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



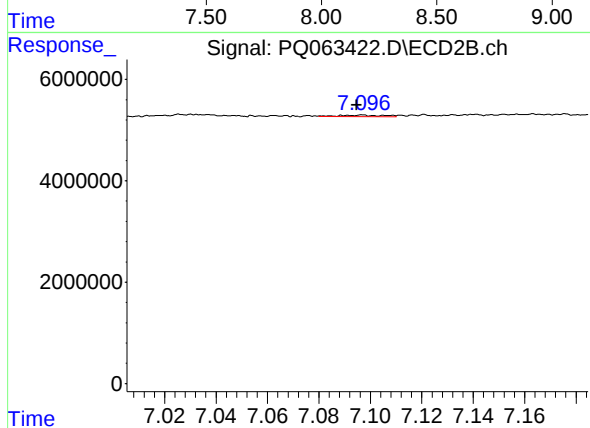
#39 AR-1262-4

R.T.: 6.603 min
Delta R.T.: 0.002 min
Response: 385167
Conc: 1.10 ng/ml



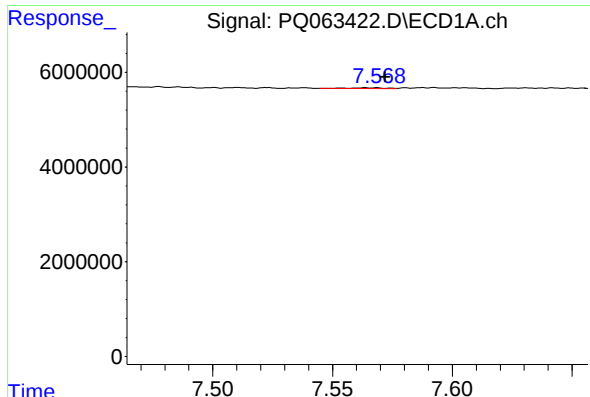
#40 AR-1262-5

R.T.: 8.170 min
Delta R.T.: 0.014 min
Response: -590412
Conc: N.D.



#40 AR-1262-5

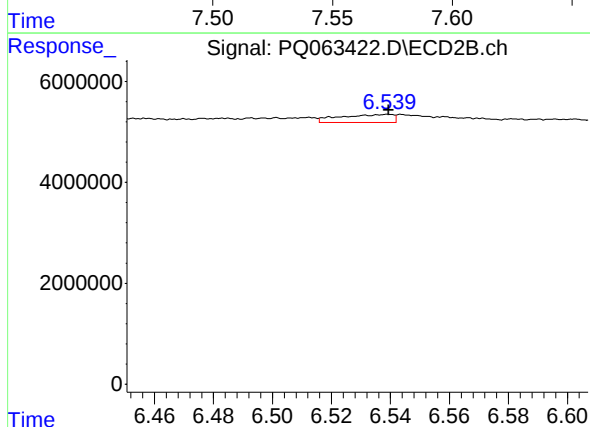
R.T.: 7.097 min
Delta R.T.: 0.003 min
Response: 374420
Conc: 2.26 ng/ml



#41 AR-1268-1

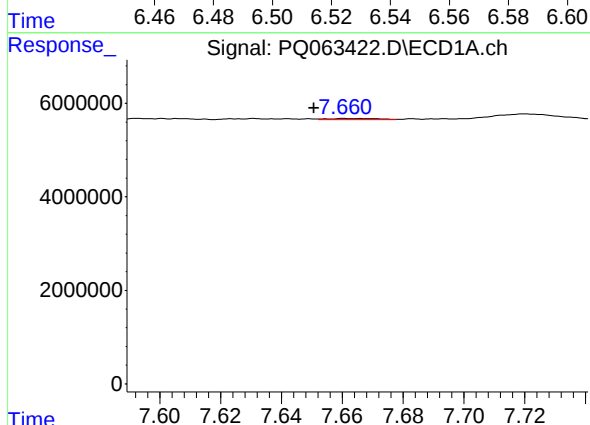
R.T.: 7.568 min
Delta R.T.: -0.004 min
Response: 151016
Conc: 0.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



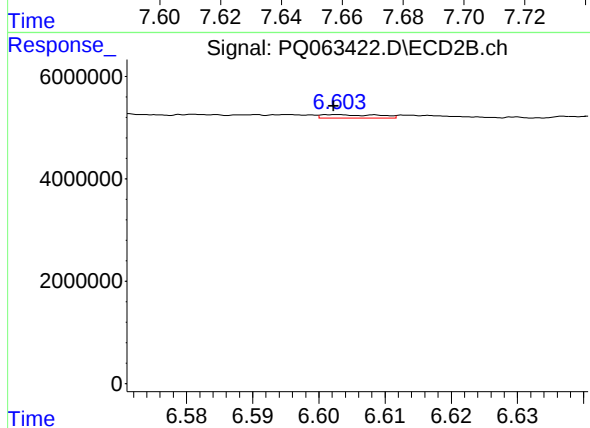
#41 AR-1268-1

R.T.: 6.539 min
Delta R.T.: 0.000 min
Response: 1975136
Conc: 3.52 ng/ml



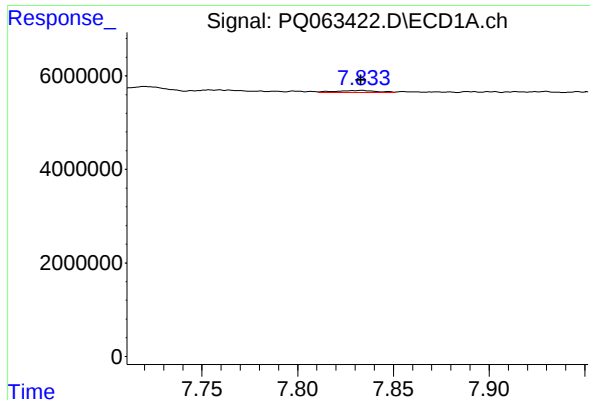
#42 AR-1268-2

R.T.: 7.661 min
Delta R.T.: 0.010 min
Response: 255539
Conc: 0.45 ng/ml



#42 AR-1268-2

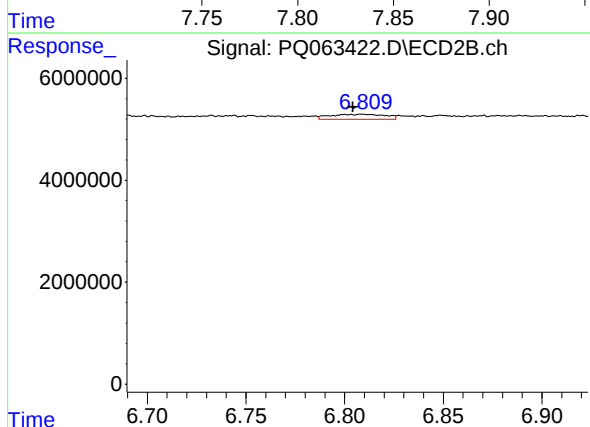
R.T.: 6.603 min
Delta R.T.: 0.000 min
Response: 385167
Conc: 0.77 ng/ml



#43 AR-1268-3

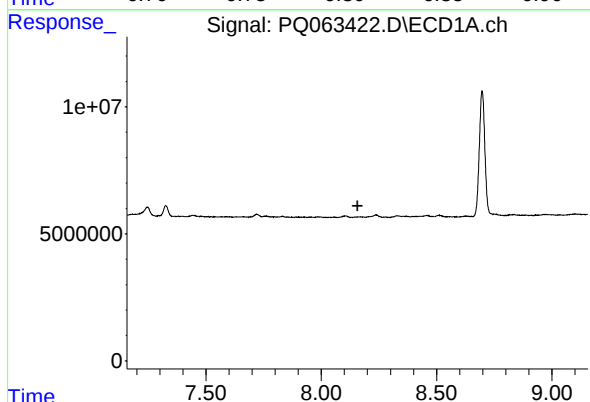
R.T.: 7.833 min
Delta R.T.: 0.000 min
Response: 608247
Conc: 1.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



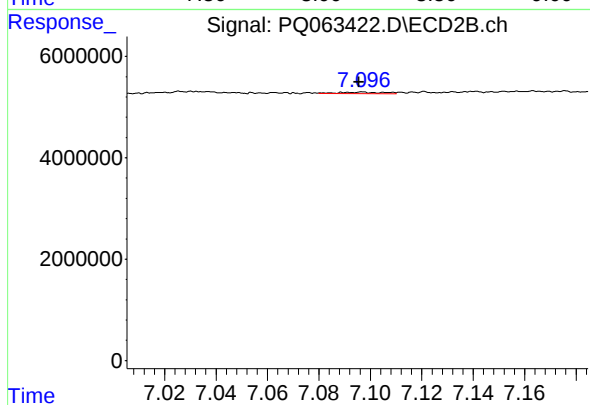
#43 AR-1268-3

R.T.: 6.809 min
Delta R.T.: 0.005 min
Response: 1856133
Conc: 4.35 ng/ml



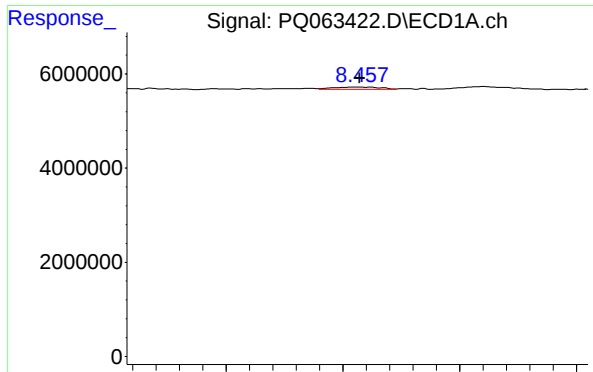
#44 AR-1268-4

R.T.: 8.170 min
Delta R.T.: 0.013 min
Response: -590412
Conc: N.D.



#44 AR-1268-4

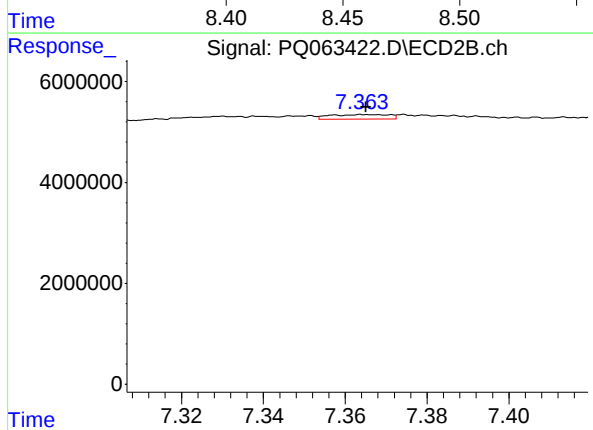
R.T.: 7.097 min
Delta R.T.: 0.001 min
Response: 374420
Conc: 2.02 ng/ml



#45 AR-1268-5

R.T.: 8.456 min
Delta R.T.: -0.001 min
Response: 699292
Conc: 0.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.364 min
Delta R.T.: 0.000 min
Response: 916431
Conc: 0.70 ng/ml