

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ100223\
 Data File : PQ063501.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Oct 2023 19:31
 Operator : YP\AJ
 Sample : 04654-08
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 02 22:42:10 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ092523CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 26 06:41:31 2023
 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...	3.462	2.781	99586658	79305834	18.981	19.624
2)	SA Decachlor...	8.695	7.582	83065439	82271875	22.482	22.251
Target Compounds							
3)	L1 AR-1016-1	4.597	3.803	4467138	882762	27.046	6.641 #
4)	L1 AR-1016-2	4.597	3.803	4467138	882762	17.730	4.602 #
5)	L1 AR-1016-3	4.637	3.900f	4527438	757482	28.895	7.216 #
6)	L1 AR-1016-4	4.747	0.000	1748369	0	13.641	N.D. #
7)	L1 AR-1016-5	5.020	4.265f	700699	2192135	5.558	20.413 #
8)	L2 AR-1221-1	3.649	2.930f	1898821	1209296	30.289	24.975
9)	L2 AR-1221-2	3.744	3.052	2445084	1144945	59.231	34.357 #
10)	L2 AR-1221-3	3.806	3.097	256221	1512033	1.868	13.325 #
11)	L3 AR-1232-1	3.806	3.097	256221	1512033	2.302	16.105 #
12)	L3 AR-1232-2	4.333	3.803	698247	882762	11.815	10.152
13)	L3 AR-1232-3	4.597	3.900f	4467138	757482	39.213	16.503 #
14)	L3 AR-1232-4	4.747	0.000	1748369	0	30.242	N.D. #
15)	L3 AR-1232-5	4.852	4.265f	2165190	2192135	53.486	48.558
16)	L4 AR-1242-1	4.597	3.803	4467138	882762	32.080	7.836 #
17)	L4 AR-1242-2	4.597	3.803	4467138	882762	20.839	5.436 #
18)	L4 AR-1242-3	4.637	3.900f	4527438	757482	34.056	8.641 #
19)	L4 AR-1242-4	4.747	0.000	1748369	0	16.033	N.D. #
20)	L4 AR-1242-5	5.514f	4.505f	5681829	2541367	48.988	23.854 #
21)	L5 AR-1248-1	4.597	3.803	4467138	882762	41.855	10.198 #
22)	L5 AR-1248-2	4.852	0.000	2165190	0	14.144	N.D. #
23)	L5 AR-1248-3	5.020	0.000	700699	0	3.813	N.D. #
24)	L5 AR-1248-4	5.382f	4.265f	4664383	2192135	22.954	14.447 #
25)	L5 AR-1248-5	5.514f	4.645f	5681829	1437514	28.333	9.471 #
26)	L6 AR-1254-1	5.382	4.505f	4664383	2541367	23.310	11.518 #
27)	L6 AR-1254-2	5.610	4.695	1465647	1792730	4.681	9.241 #
28)	L6 AR-1254-3	5.960	5.093	767587	1797972	2.365	5.894 #
29)	L6 AR-1254-4	6.280	5.287	253573	448321	1.078	2.300 #
30)	L6 AR-1254-5	6.704	0.000	1060459	0	4.099	N.D. #
31)	L7 AR-1260-1	0.000	5.266f	0	388434	N.D.	1.816 #
32)	L7 AR-1260-2	6.398	5.423	1627116	534753	5.453	2.108 #
33)	L7 AR-1260-3	6.704f	5.485f	1060459	1064888	4.850	4.398
34)	L7 AR-1260-4	7.052f	6.017	2204397	679207	8.964	3.352 #
35)	L7 AR-1260-5	7.335f	6.277	3358723	1955529	7.050	4.216 #
36)	L8 AR-1262-1	6.704f	0.000	1060459	0	3.212	N.D. #
37)	L8 AR-1262-2	7.335f	6.277	3358723	1955529	6.163	3.774 #
38)	L8 AR-1262-3	7.559	6.518	641708	3553293	1.776	16.561 #
39)	L8 AR-1262-4	0.000	6.631	0	333539	N.D.	0.853 #
41)	L9 AR-1268-1	7.559	6.518	641708	3553293	1.019	5.890 #
42)	L9 AR-1268-2	0.000	6.631	0	333539	N.D.	0.615 #

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 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 26 06:41:31 2023
 Response via : Initial Calibration
 Integrator: ChemStation

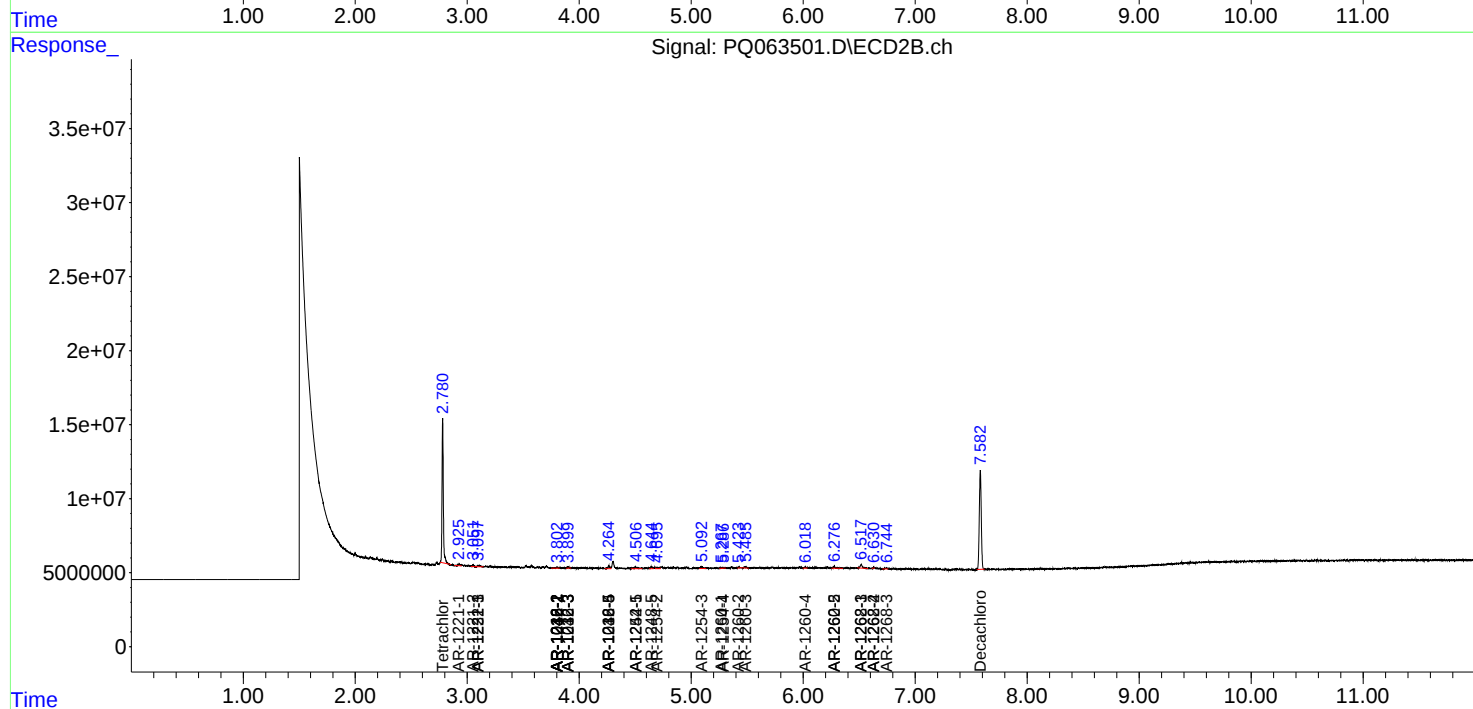
Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

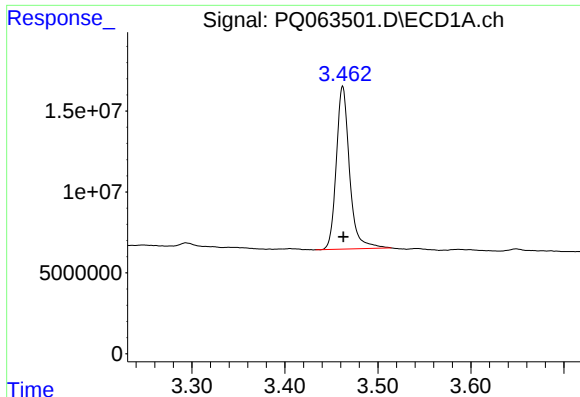
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	0.000	6.741f	0	867884	N.D.	1.844 #
45) L9	AR-1268-5	8.453	0.000	914529	0	0.637	N.D. #

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

Instrument :
ECD_Q
ClientSampleId :

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

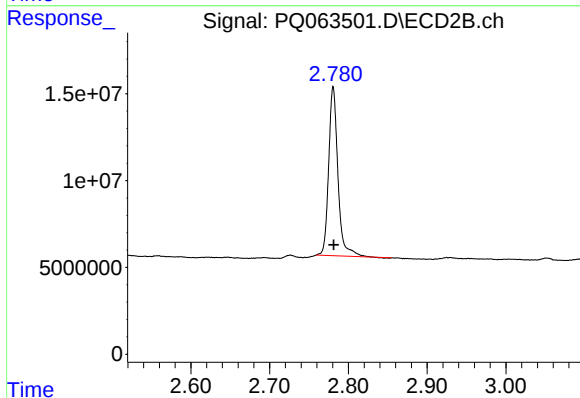




#1 Tetrachloro-m-xylene

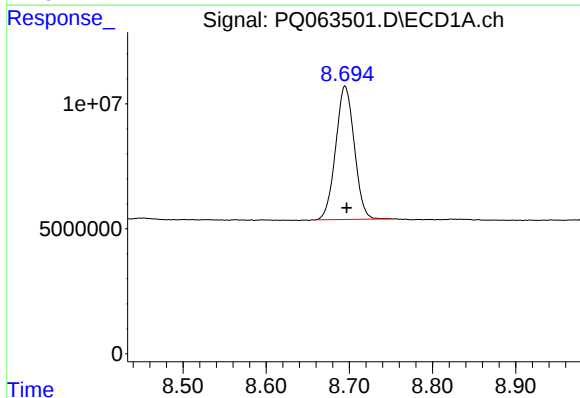
R.T.: 3.462 min
Delta R.T.: 0.000 min
Response: 99586658
Conc: 18.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



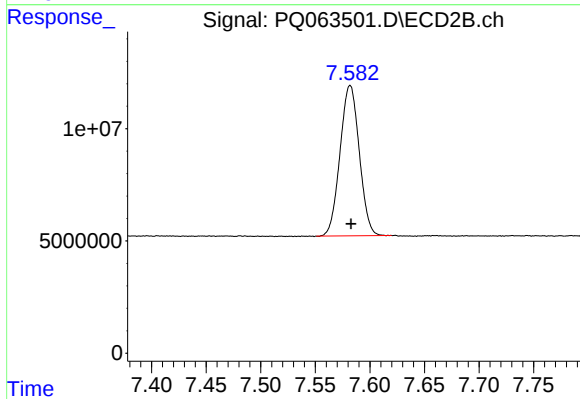
#1 Tetrachloro-m-xylene

R.T.: 2.781 min
Delta R.T.: 0.000 min
Response: 79305834
Conc: 19.62 ng/ml



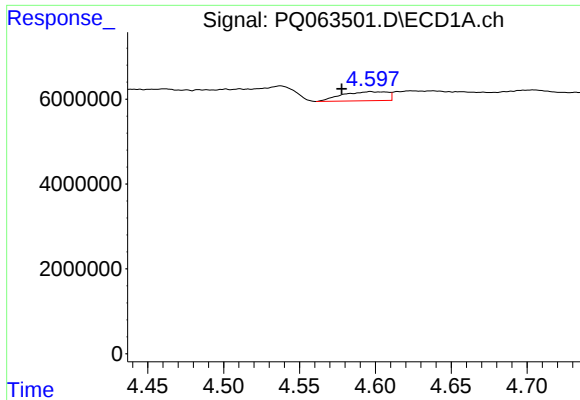
#2 Decachlorobiphenyl

R.T.: 8.695 min
Delta R.T.: -0.002 min
Response: 83065439
Conc: 22.48 ng/ml



#2 Decachlorobiphenyl

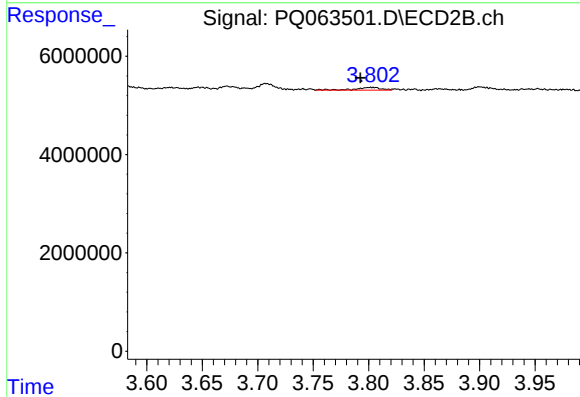
R.T.: 7.582 min
Delta R.T.: 0.000 min
Response: 82271875
Conc: 22.25 ng/ml



#3 AR-1016-1

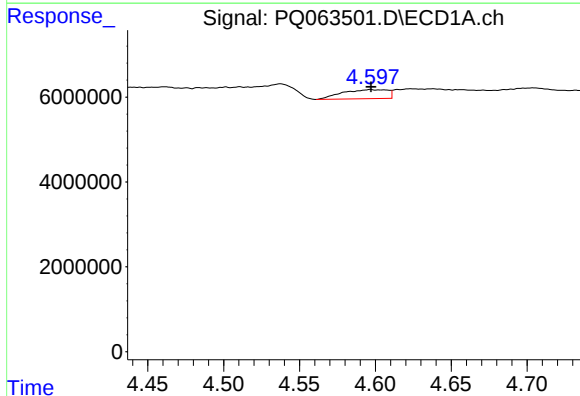
R.T.: 4.597 min
Delta R.T.: 0.019 min
Response: 4467138
Conc: 27.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



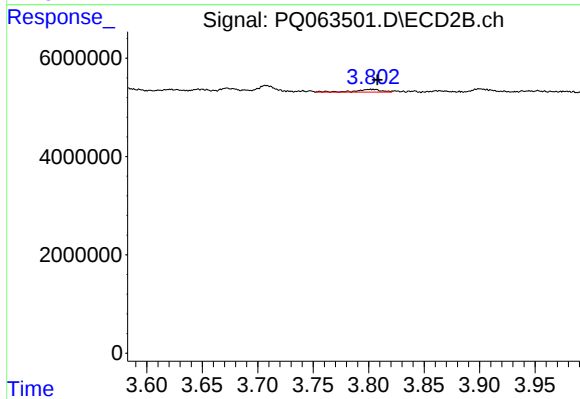
#3 AR-1016-1

R.T.: 3.803 min
Delta R.T.: 0.010 min
Response: 882762
Conc: 6.64 ng/ml



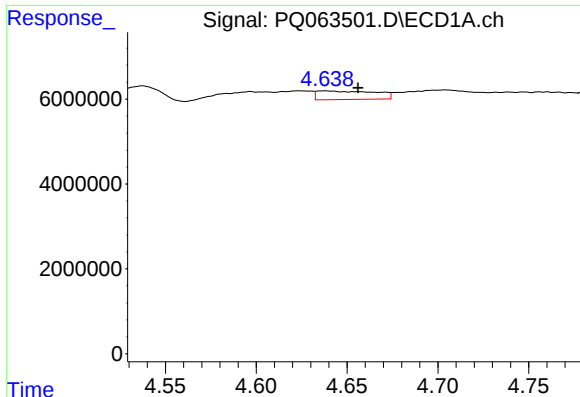
#4 AR-1016-2

R.T.: 4.597 min
Delta R.T.: 0.000 min
Response: 4467138
Conc: 17.73 ng/ml



#4 AR-1016-2

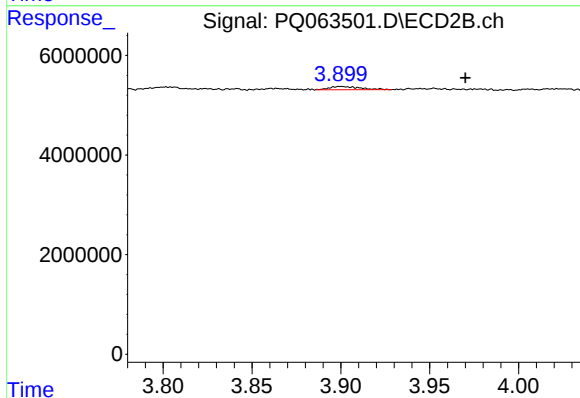
R.T.: 3.803 min
Delta R.T.: -0.005 min
Response: 882762
Conc: 4.60 ng/ml



#5 AR-1016-3

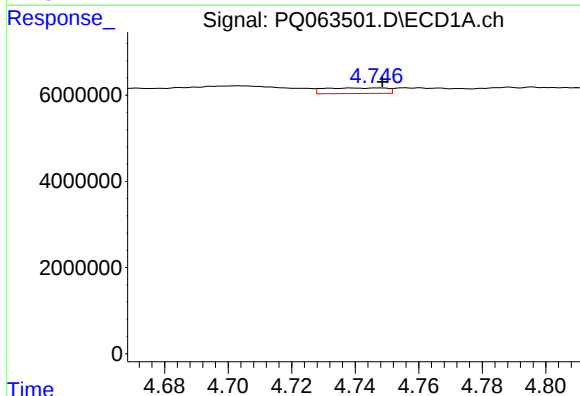
R.T.: 4.637 min
Delta R.T.: -0.019 min
Response: 4527438
Conc: 28.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



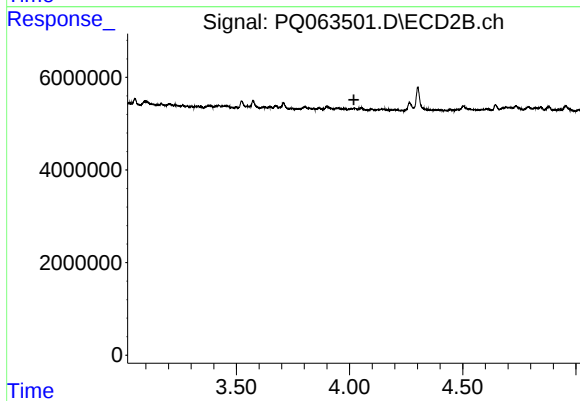
#5 AR-1016-3

R.T.: 3.900 min
Delta R.T.: -0.070 min
Response: 757482
Conc: 7.22 ng/ml



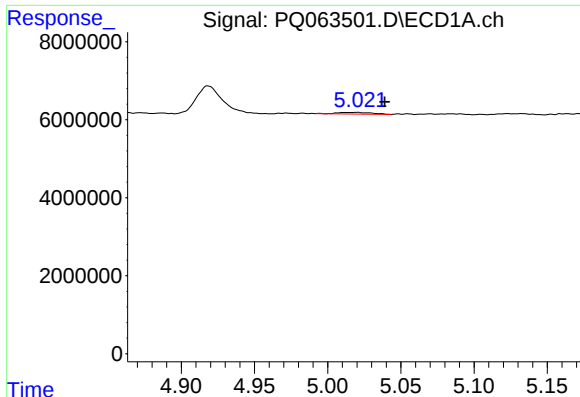
#6 AR-1016-4

R.T.: 4.747 min
Delta R.T.: -0.001 min
Response: 1748369
Conc: 13.64 ng/ml



#6 AR-1016-4

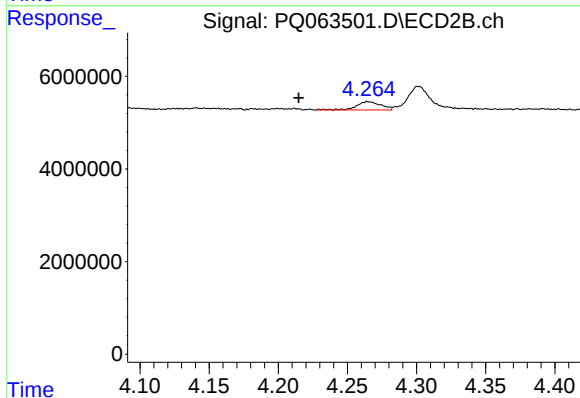
R.T.: 0.000 min
Exp R.T. : 4.019 min
Response: 0
Conc: N.D.



#7 AR-1016-5

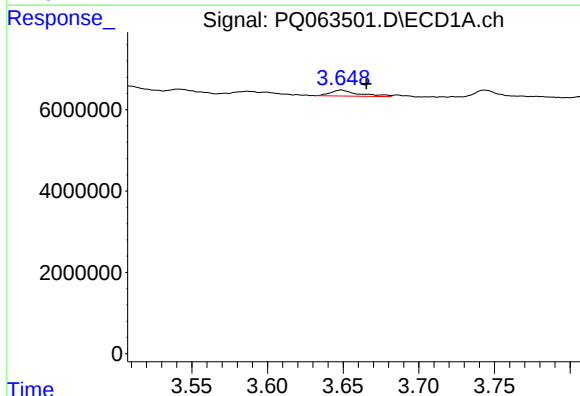
R.T.: 5.020 min
Delta R.T.: -0.019 min
Response: 700699
Conc: 5.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



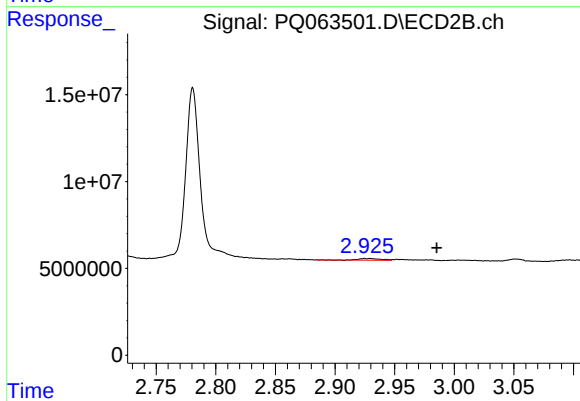
#7 AR-1016-5

R.T.: 4.265 min
Delta R.T.: 0.050 min
Response: 2192135
Conc: 20.41 ng/ml



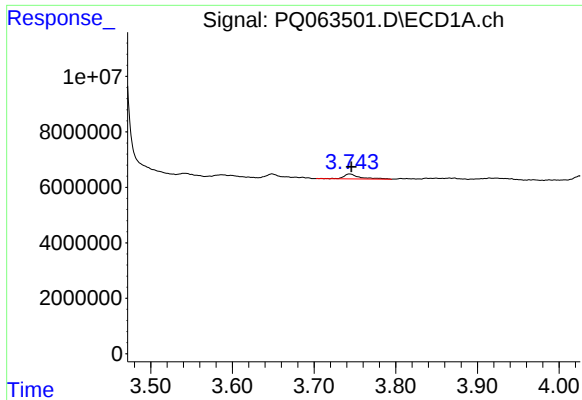
#8 AR-1221-1

R.T.: 3.649 min
Delta R.T.: -0.017 min
Response: 1898821
Conc: 30.29 ng/ml



#8 AR-1221-1

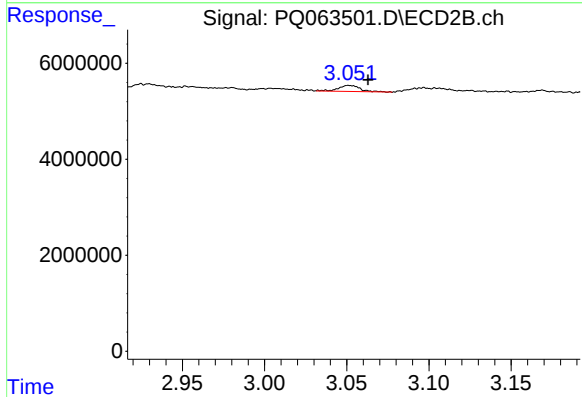
R.T.: 2.930 min
Delta R.T.: -0.056 min
Response: 1209296
Conc: 24.98 ng/ml



#9 AR-1221-2

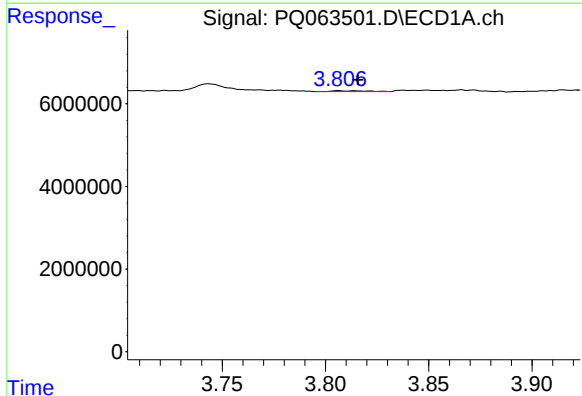
R.T.: 3.744 min
Delta R.T.: -0.002 min
Response: 2445084
Conc: 59.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



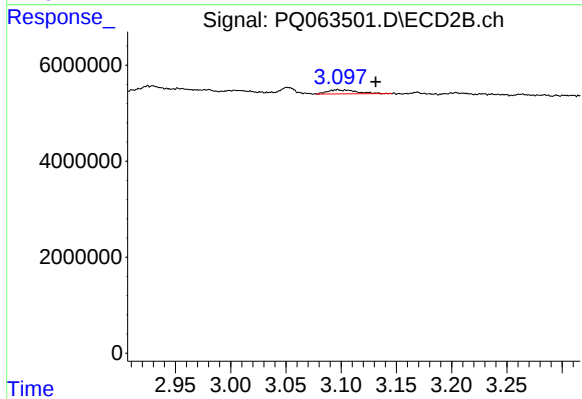
#9 AR-1221-2

R.T.: 3.052 min
Delta R.T.: -0.011 min
Response: 1144945
Conc: 34.36 ng/ml



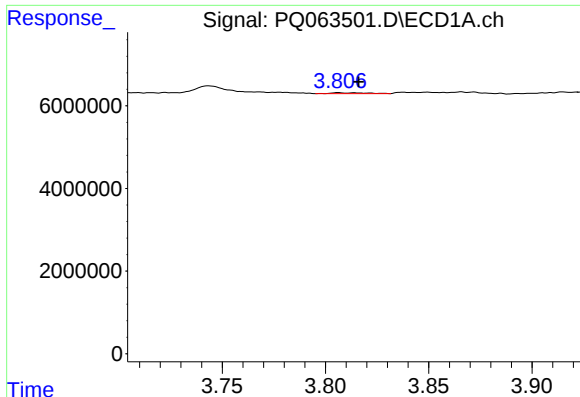
#10 AR-1221-3

R.T.: 3.806 min
Delta R.T.: -0.009 min
Response: 256221
Conc: 1.87 ng/ml



#10 AR-1221-3

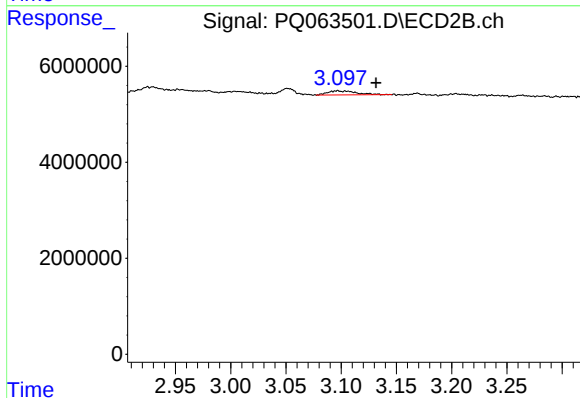
R.T.: 3.097 min
Delta R.T.: -0.034 min
Response: 1512033
Conc: 13.33 ng/ml



#11 AR-1232-1

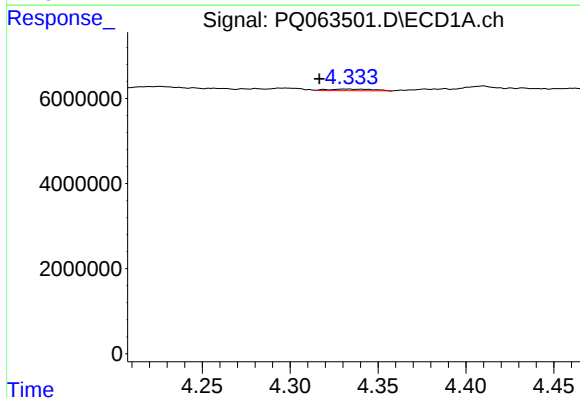
R.T.: 3.806 min
Delta R.T.: -0.010 min
Response: 256221
Conc: 2.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



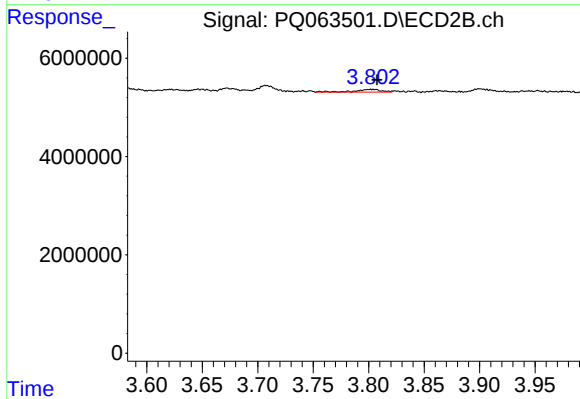
#11 AR-1232-1

R.T.: 3.097 min
Delta R.T.: -0.035 min
Response: 1512033
Conc: 16.10 ng/ml



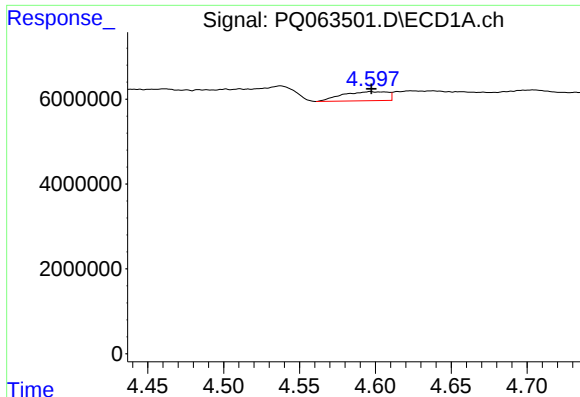
#12 AR-1232-2

R.T.: 4.333 min
Delta R.T.: 0.016 min
Response: 698247
Conc: 11.81 ng/ml



#12 AR-1232-2

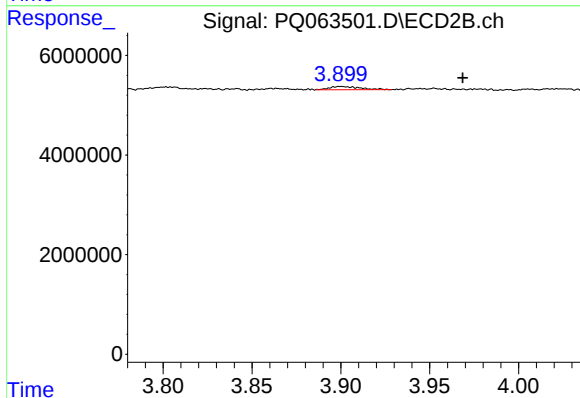
R.T.: 3.803 min
Delta R.T.: -0.005 min
Response: 882762
Conc: 10.15 ng/ml



#13 AR-1232-3

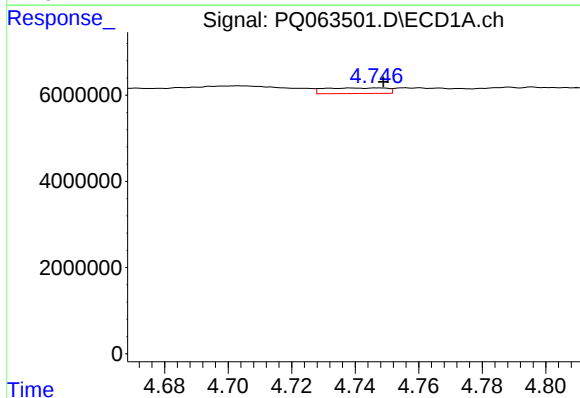
R.T.: 4.597 min
Delta R.T.: 0.000 min
Response: 4467138
Conc: 39.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



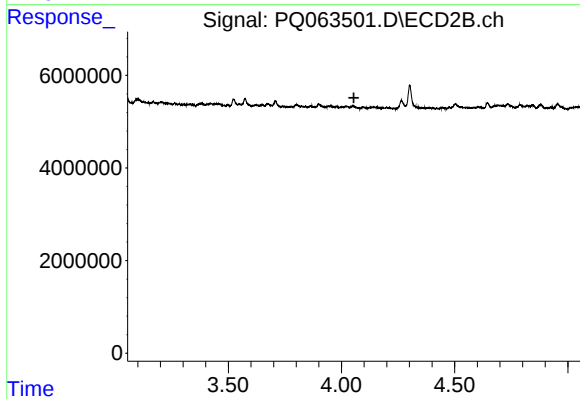
#13 AR-1232-3

R.T.: 3.900 min
Delta R.T.: -0.068 min
Response: 757482
Conc: 16.50 ng/ml



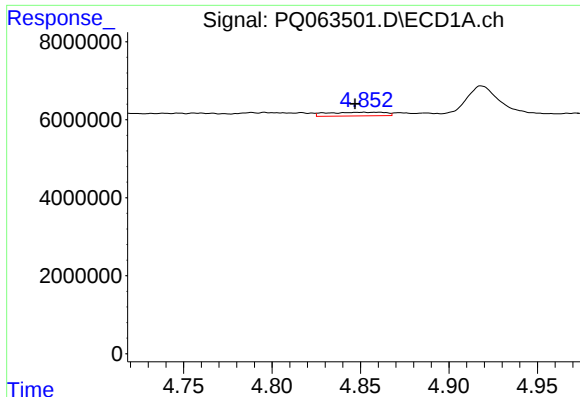
#14 AR-1232-4

R.T.: 4.747 min
Delta R.T.: -0.001 min
Response: 1748369
Conc: 30.24 ng/ml



#14 AR-1232-4

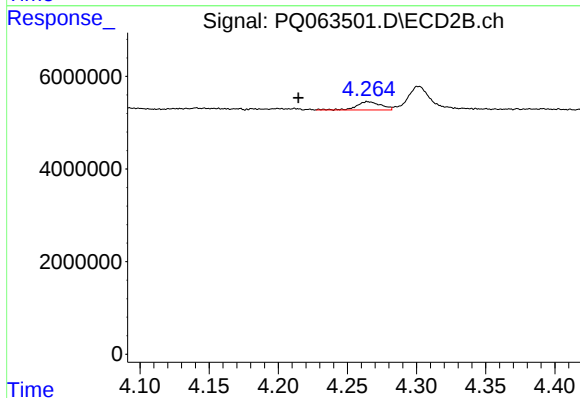
R.T.: 0.000 min
Exp R.T.: 4.055 min
Response: 0
Conc: N.D.



#15 AR-1232-5

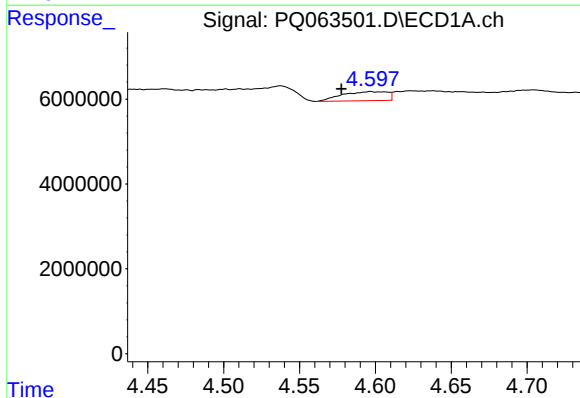
R.T.: 4.852 min
Delta R.T.: 0.005 min
Response: 2165190
Conc: 53.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



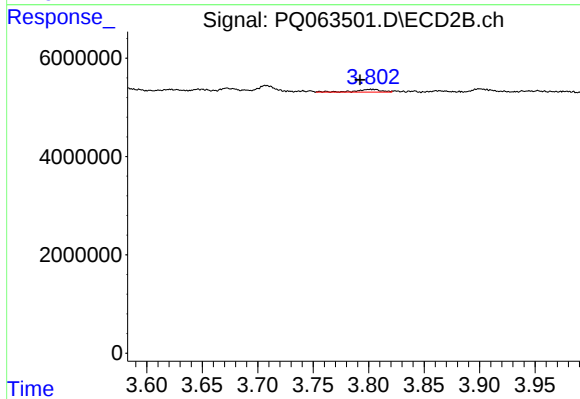
#15 AR-1232-5

R.T.: 4.265 min
Delta R.T.: 0.050 min
Response: 2192135
Conc: 48.56 ng/ml



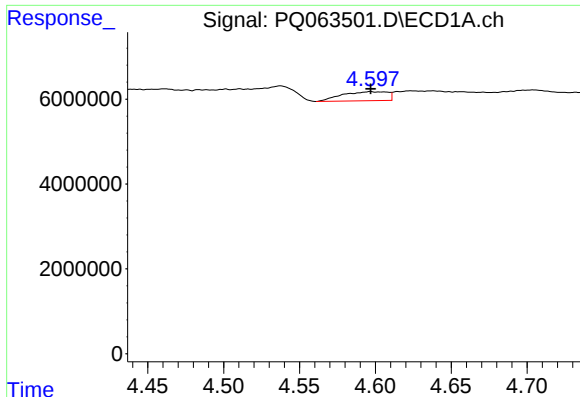
#16 AR-1242-1

R.T.: 4.597 min
Delta R.T.: 0.019 min
Response: 4467138
Conc: 32.08 ng/ml



#16 AR-1242-1

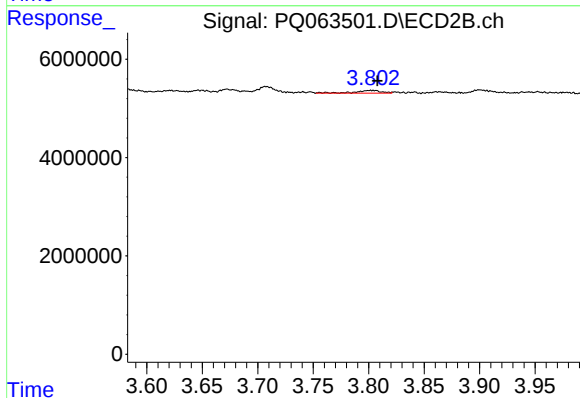
R.T.: 3.803 min
Delta R.T.: 0.011 min
Response: 882762
Conc: 7.84 ng/ml



#17 AR-1242-2

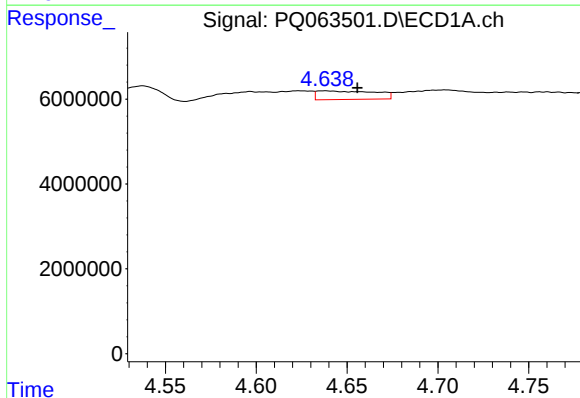
R.T.: 4.597 min
Delta R.T.: 0.000 min
Response: 4467138
Conc: 20.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



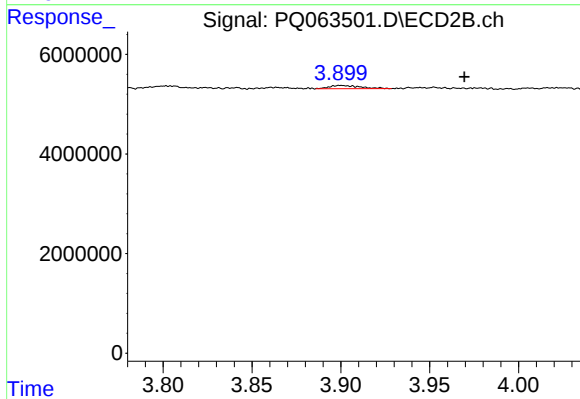
#17 AR-1242-2

R.T.: 3.803 min
Delta R.T.: -0.005 min
Response: 882762
Conc: 5.44 ng/ml



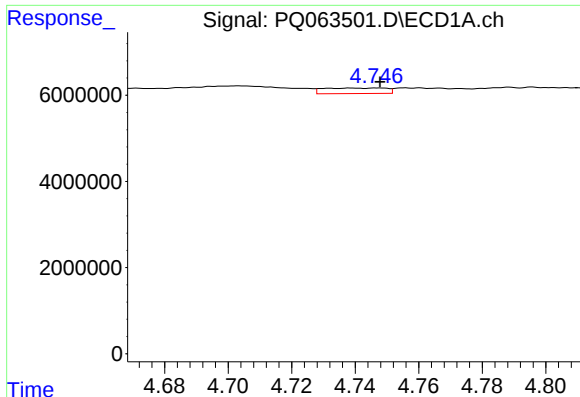
#18 AR-1242-3

R.T.: 4.637 min
Delta R.T.: -0.018 min
Response: 4527438
Conc: 34.06 ng/ml



#18 AR-1242-3

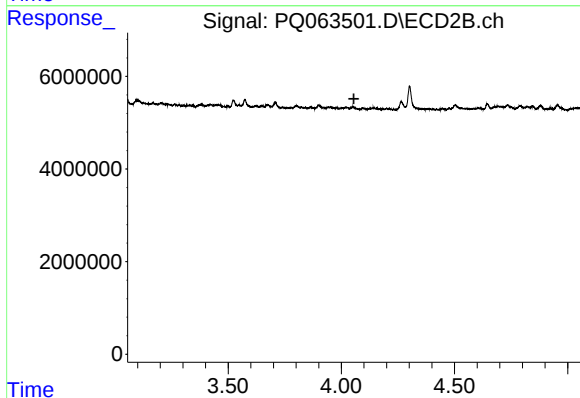
R.T.: 3.900 min
Delta R.T.: -0.069 min
Response: 757482
Conc: 8.64 ng/ml



#19 AR-1242-4

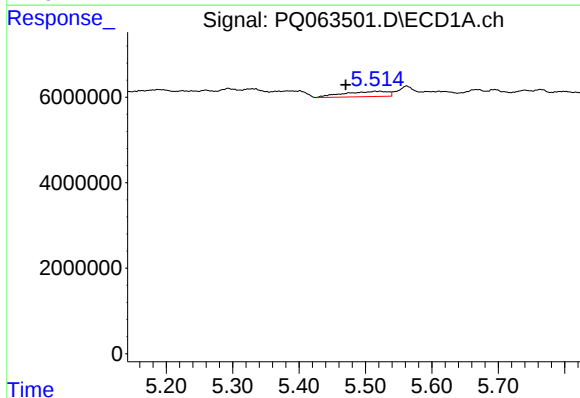
R.T.: 4.747 min
Delta R.T.: 0.000 min
Response: 1748369
Conc: 16.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



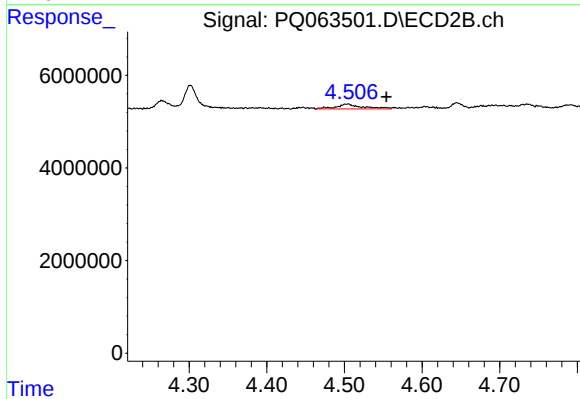
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 4.056 min
Response: 0
Conc: N.D.



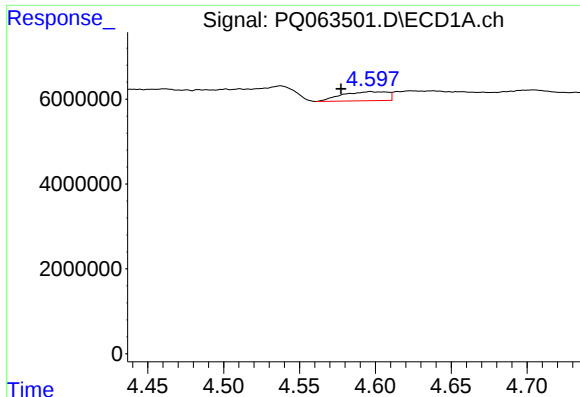
#20 AR-1242-5

R.T.: 5.514 min
Delta R.T.: 0.044 min
Response: 5681829
Conc: 48.99 ng/ml



#20 AR-1242-5

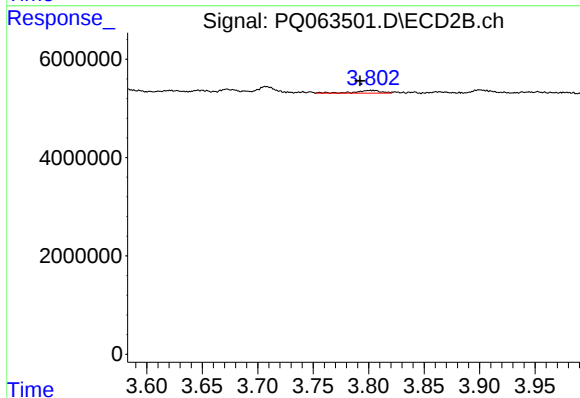
R.T.: 4.505 min
Delta R.T.: -0.049 min
Response: 2541367
Conc: 23.85 ng/ml



#21 AR-1248-1

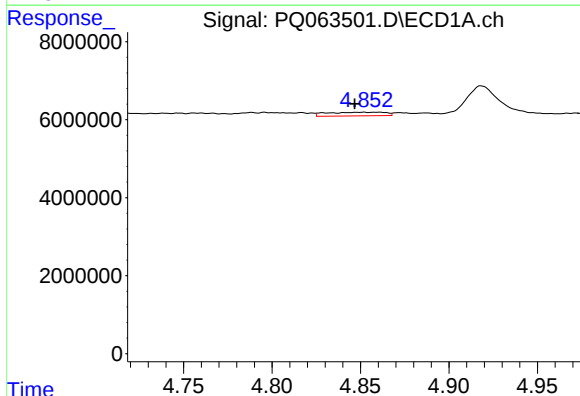
R.T.: 4.597 min
Delta R.T.: 0.019 min
Response: 4467138
Conc: 41.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



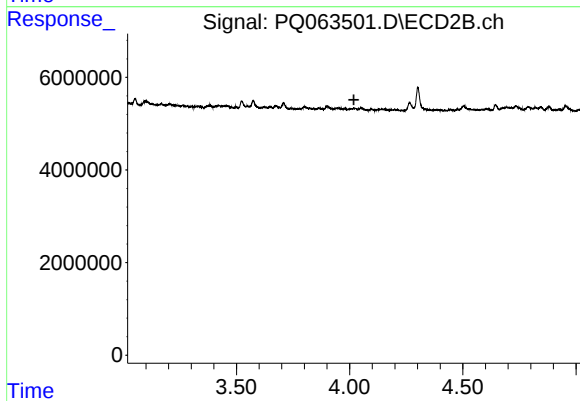
#21 AR-1248-1

R.T.: 3.803 min
Delta R.T.: 0.010 min
Response: 882762
Conc: 10.20 ng/ml



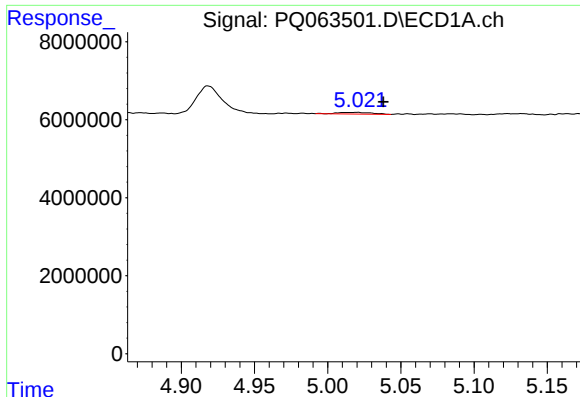
#22 AR-1248-2

R.T.: 4.852 min
Delta R.T.: 0.005 min
Response: 2165190
Conc: 14.14 ng/ml



#22 AR-1248-2

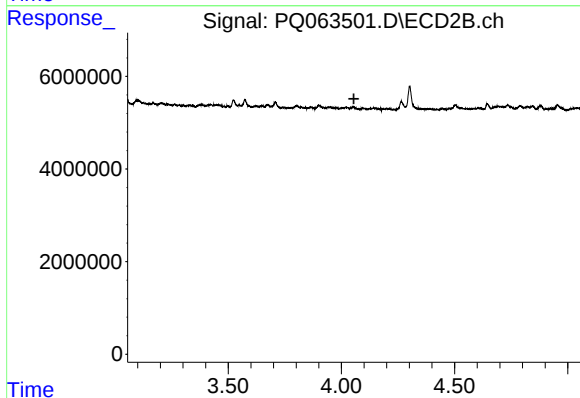
R.T.: 0.000 min
Exp R.T.: 4.019 min
Response: 0
Conc: N.D.



#23 AR-1248-3

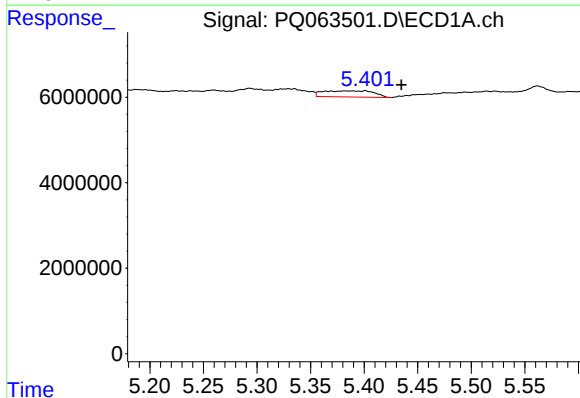
R.T.: 5.020 min
Delta R.T.: -0.018 min
Response: 700699
Conc: 3.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



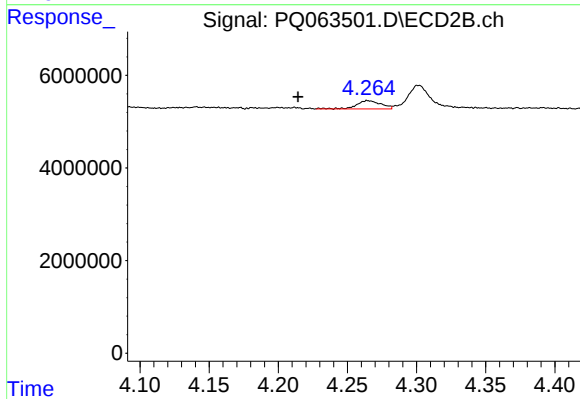
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 4.055 min
Response: 0
Conc: N.D.



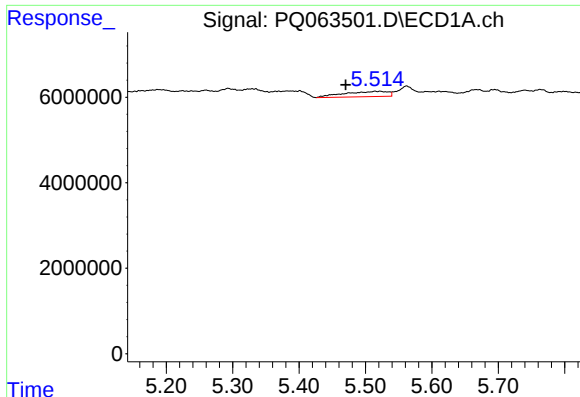
#24 AR-1248-4

R.T.: 5.382 min
Delta R.T.: -0.053 min
Response: 4664383
Conc: 22.95 ng/ml



#24 AR-1248-4

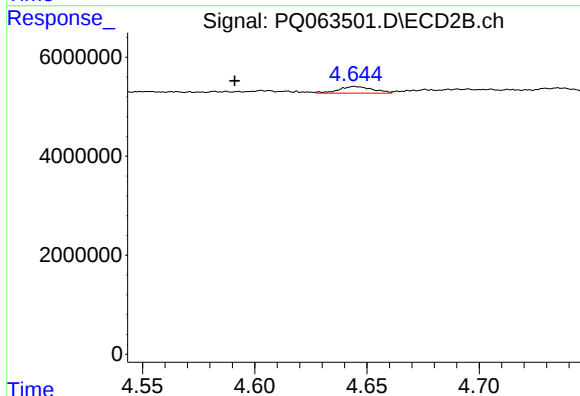
R.T.: 4.265 min
Delta R.T.: 0.050 min
Response: 2192135
Conc: 14.45 ng/ml



#25 AR-1248-5

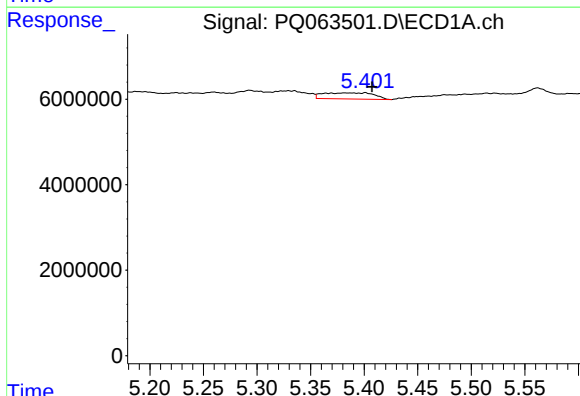
R.T.: 5.514 min
Delta R.T.: 0.044 min
Response: 5681829
Conc: 28.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



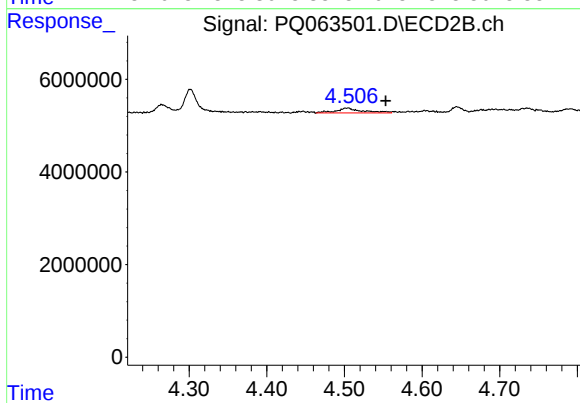
#25 AR-1248-5

R.T.: 4.645 min
Delta R.T.: 0.054 min
Response: 1437514
Conc: 9.47 ng/ml



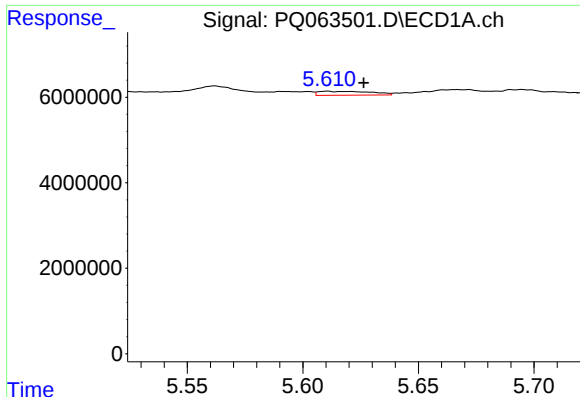
#26 AR-1254-1

R.T.: 5.382 min
Delta R.T.: -0.025 min
Response: 4664383
Conc: 23.31 ng/ml



#26 AR-1254-1

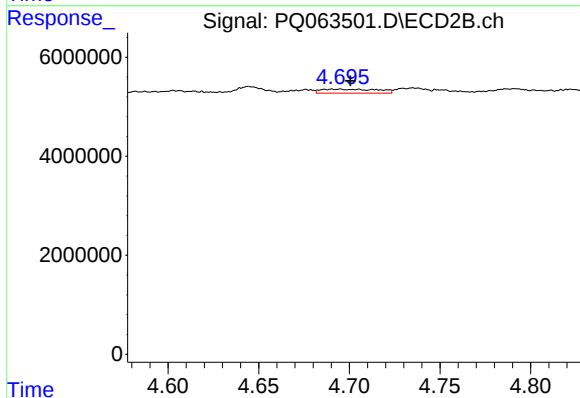
R.T.: 4.505 min
Delta R.T.: -0.049 min
Response: 2541367
Conc: 11.52 ng/ml



#27 AR-1254-2

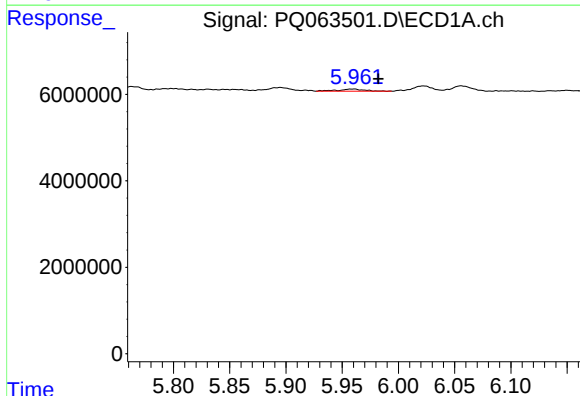
R.T.: 5.610 min
Delta R.T.: -0.016 min
Response: 1465647
Conc: 4.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



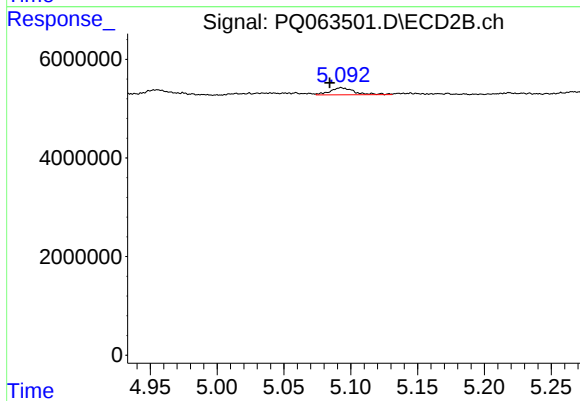
#27 AR-1254-2

R.T.: 4.695 min
Delta R.T.: -0.006 min
Response: 1792730
Conc: 9.24 ng/ml



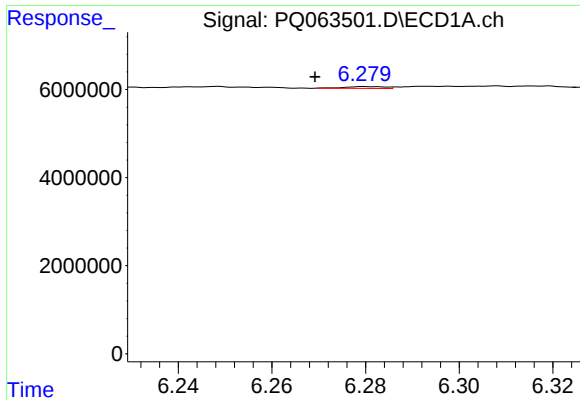
#28 AR-1254-3

R.T.: 5.960 min
Delta R.T.: -0.022 min
Response: 767587
Conc: 2.37 ng/ml



#28 AR-1254-3

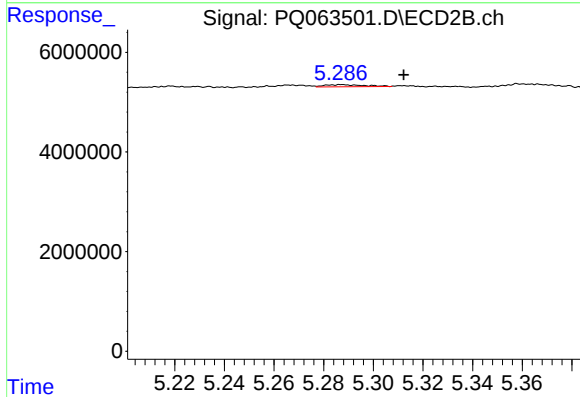
R.T.: 5.093 min
Delta R.T.: 0.008 min
Response: 1797972
Conc: 5.89 ng/ml



#29 AR-1254-4

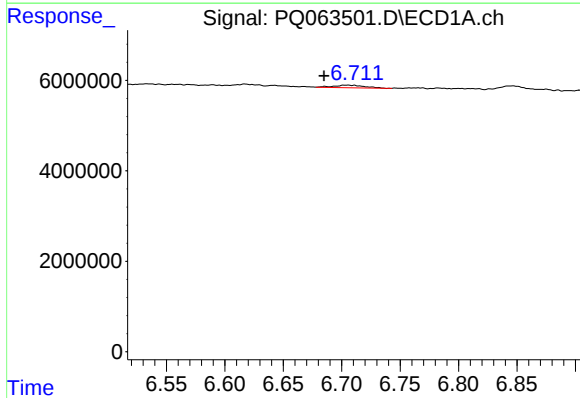
R.T.: 6.280 min
Delta R.T.: 0.011 min
Response: 253573
Conc: 1.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



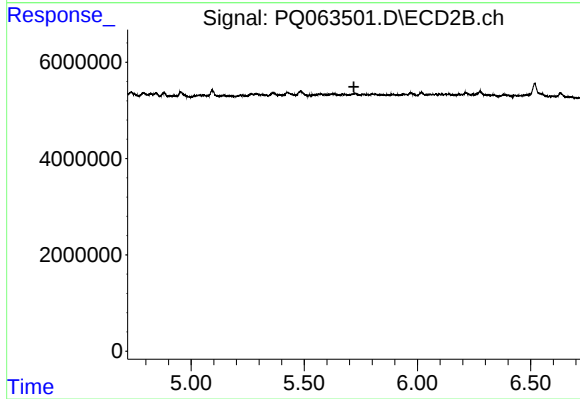
#29 AR-1254-4

R.T.: 5.287 min
Delta R.T.: -0.025 min
Response: 448321
Conc: 2.30 ng/ml



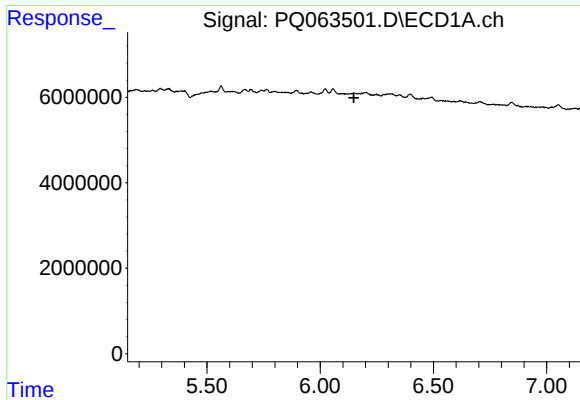
#30 AR-1254-5

R.T.: 6.704 min
Delta R.T.: 0.019 min
Response: 1060459
Conc: 4.10 ng/ml



#30 AR-1254-5

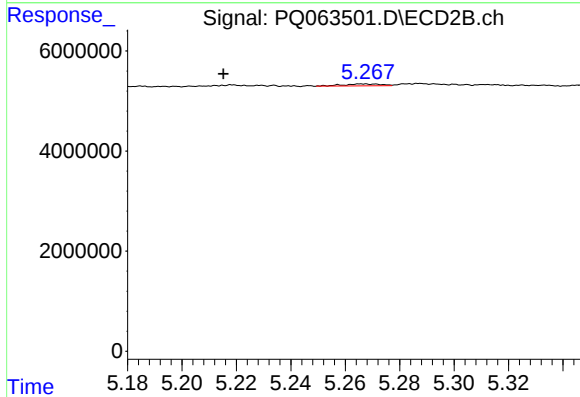
R.T.: 0.000 min
Exp R.T.: 5.719 min
Response: 0
Conc: N.D.



#31 AR-1260-1

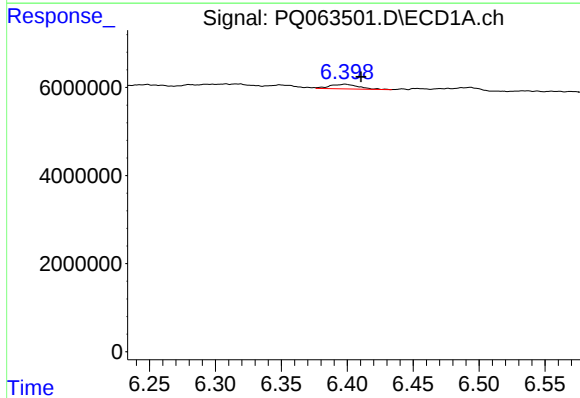
R.T.: 0.000 min
Exp R.T.: 6.149 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



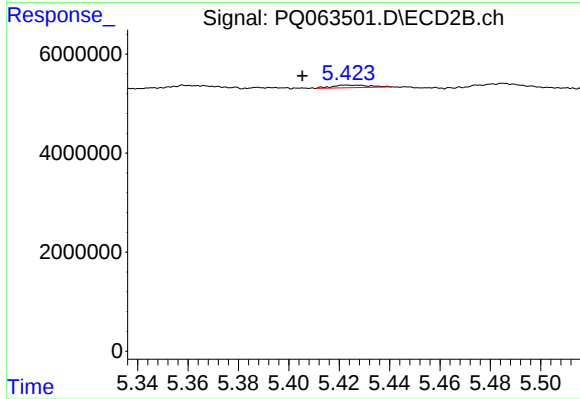
#31 AR-1260-1

R.T.: 5.266 min
Delta R.T.: 0.051 min
Response: 388434
Conc: 1.82 ng/ml



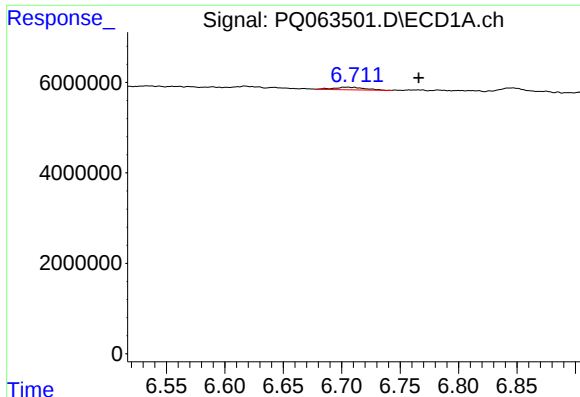
#32 AR-1260-2

R.T.: 6.398 min
Delta R.T.: -0.012 min
Response: 1627116
Conc: 5.45 ng/ml



#32 AR-1260-2

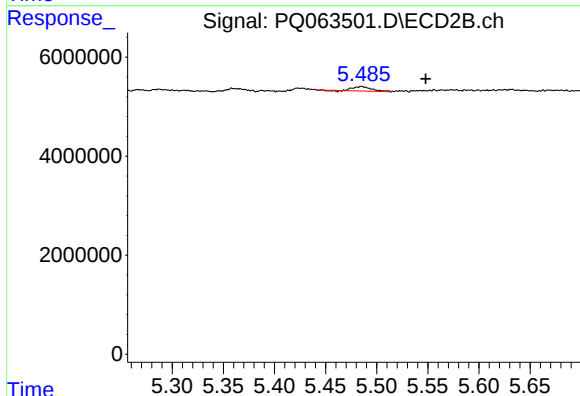
R.T.: 5.423 min
Delta R.T.: 0.018 min
Response: 534753
Conc: 2.11 ng/ml



#33 AR-1260-3

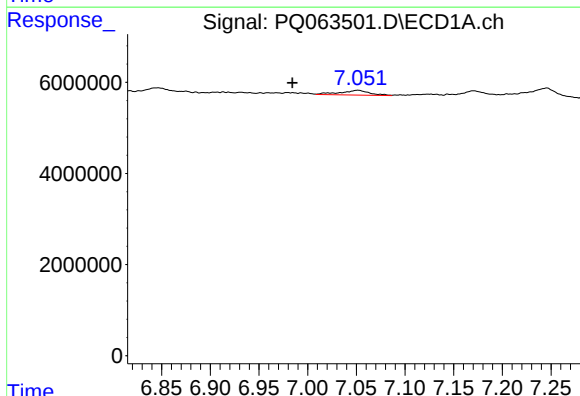
R.T.: 6.704 min
Delta R.T.: -0.062 min
Response: 1060459
Conc: 4.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



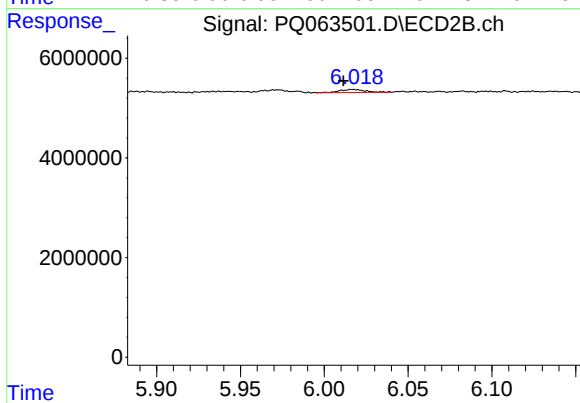
#33 AR-1260-3

R.T.: 5.485 min
Delta R.T.: -0.063 min
Response: 1064888
Conc: 4.40 ng/ml



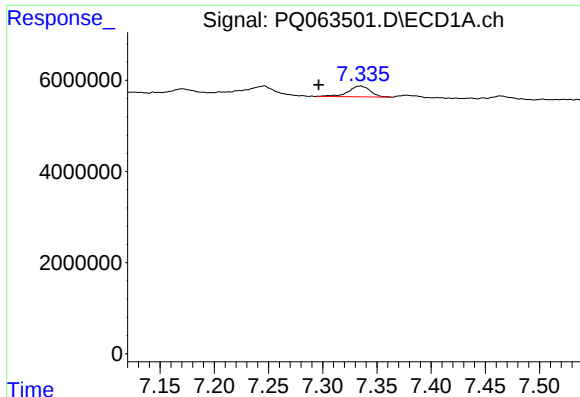
#34 AR-1260-4

R.T.: 7.052 min
Delta R.T.: 0.067 min
Response: 2204397
Conc: 8.96 ng/ml



#34 AR-1260-4

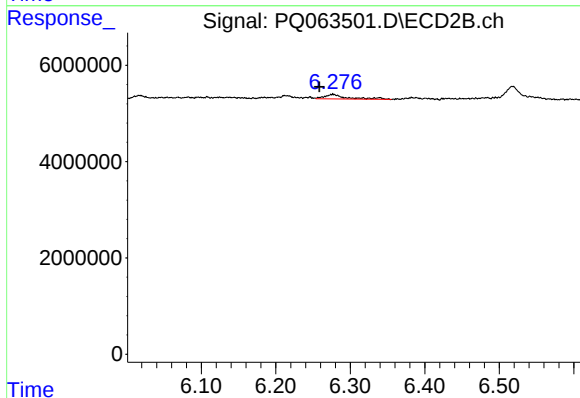
R.T.: 6.017 min
Delta R.T.: 0.006 min
Response: 679207
Conc: 3.35 ng/ml



#35 AR-1260-5

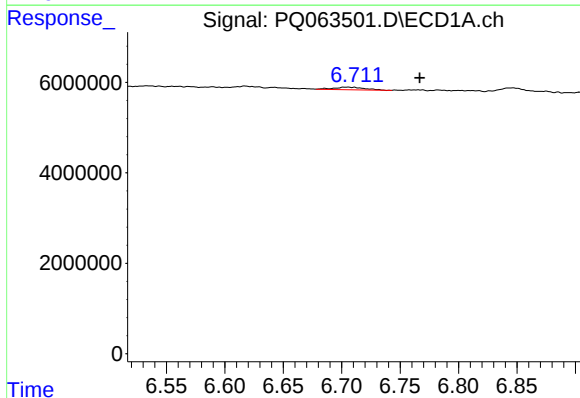
R.T.: 7.335 min
Delta R.T.: 0.038 min
Response: 3358723
Conc: 7.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



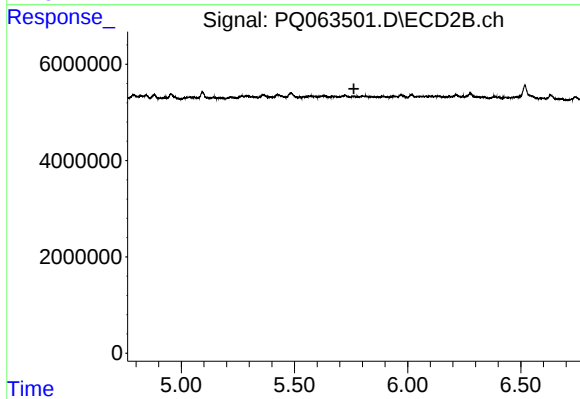
#35 AR-1260-5

R.T.: 6.277 min
Delta R.T.: 0.018 min
Response: 1955529
Conc: 4.22 ng/ml



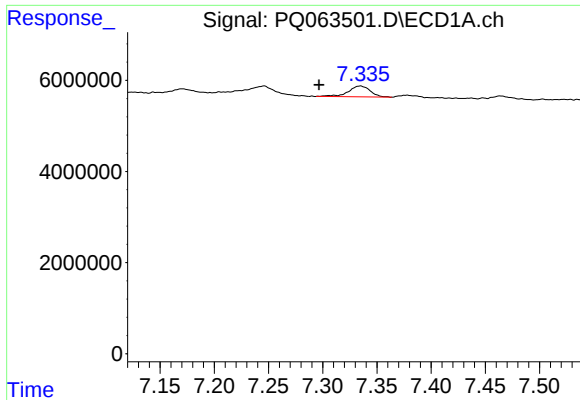
#36 AR-1262-1

R.T.: 6.704 min
Delta R.T.: -0.063 min
Response: 1060459
Conc: 3.21 ng/ml



#36 AR-1262-1

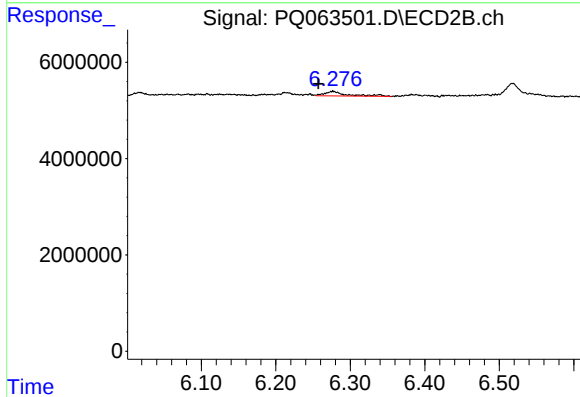
R.T.: 0.000 min
Exp R.T.: 5.763 min
Response: 0
Conc: N.D.



#37 AR-1262-2

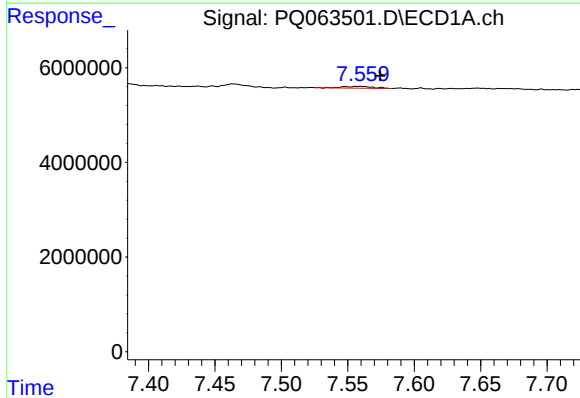
R.T.: 7.335 min
Delta R.T.: 0.038 min
Response: 3358723
Conc: 6.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



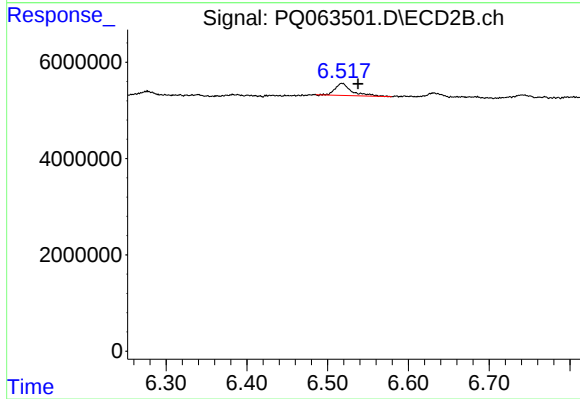
#37 AR-1262-2

R.T.: 6.277 min
Delta R.T.: 0.020 min
Response: 1955529
Conc: 3.77 ng/ml



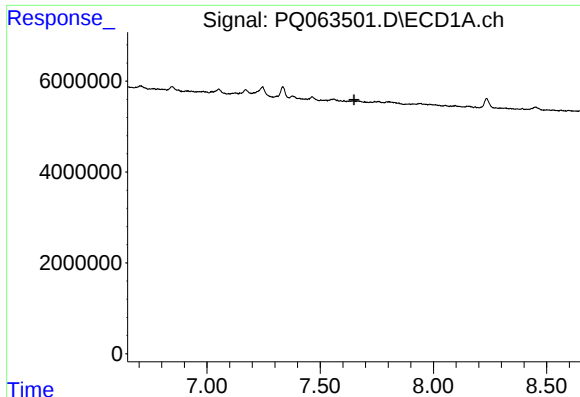
#38 AR-1262-3

R.T.: 7.559 min
Delta R.T.: -0.015 min
Response: 641708
Conc: 1.78 ng/ml



#38 AR-1262-3

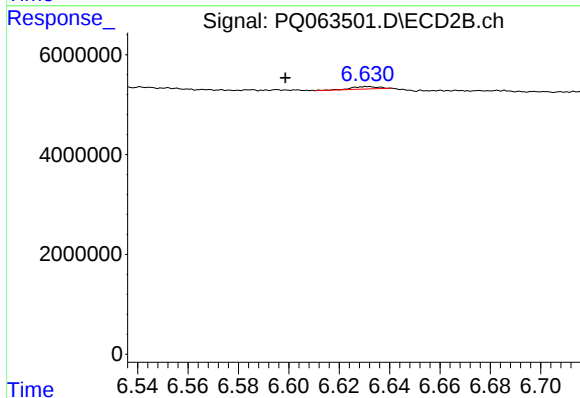
R.T.: 6.518 min
Delta R.T.: -0.020 min
Response: 3553293
Conc: 16.56 ng/ml



#39 AR-1262-4

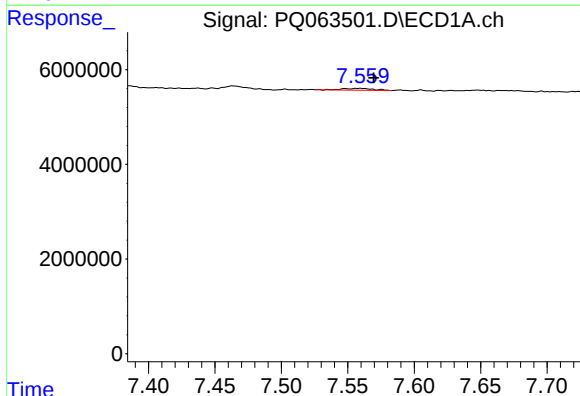
R.T.: 0.000 min
Exp R.T.: 7.649 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



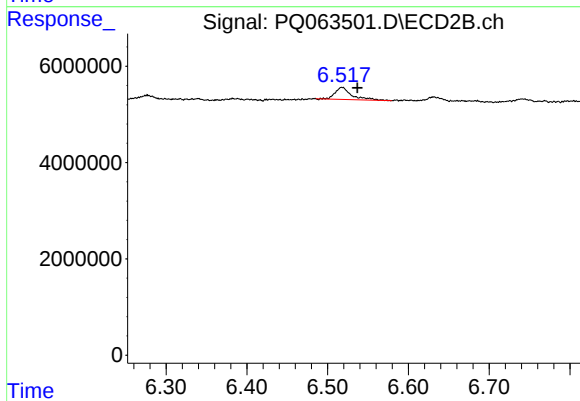
#39 AR-1262-4

R.T.: 6.631 min
Delta R.T.: 0.033 min
Response: 333539
Conc: 0.85 ng/ml



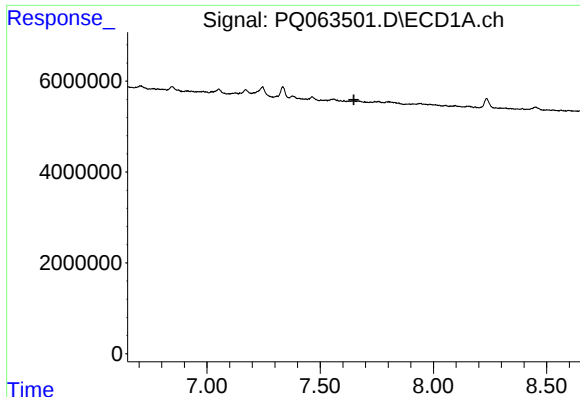
#41 AR-1268-1

R.T.: 7.559 min
Delta R.T.: -0.010 min
Response: 641708
Conc: 1.02 ng/ml



#41 AR-1268-1

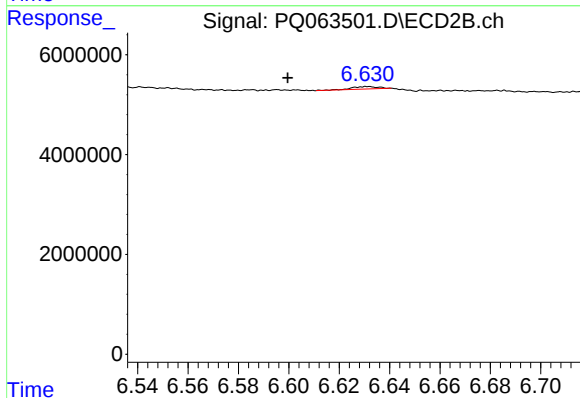
R.T.: 6.518 min
Delta R.T.: -0.019 min
Response: 3553293
Conc: 5.89 ng/ml



#42 AR-1268-2

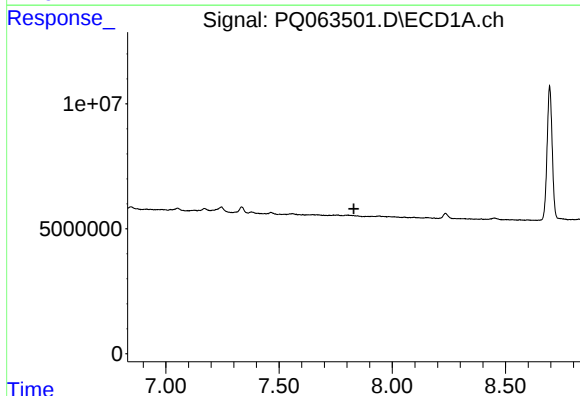
R.T.: 0.000 min
Exp R.T.: 7.649 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



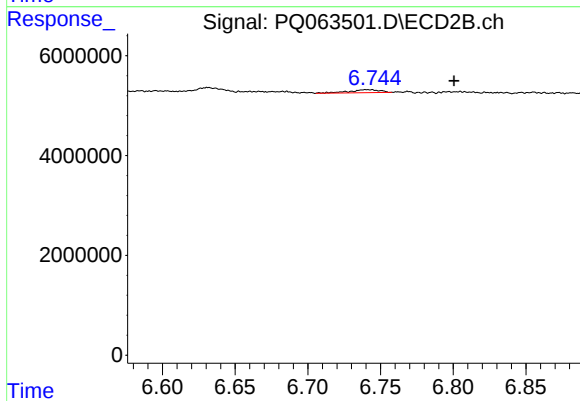
#42 AR-1268-2

R.T.: 6.631 min
Delta R.T.: 0.032 min
Response: 333539
Conc: 0.61 ng/ml



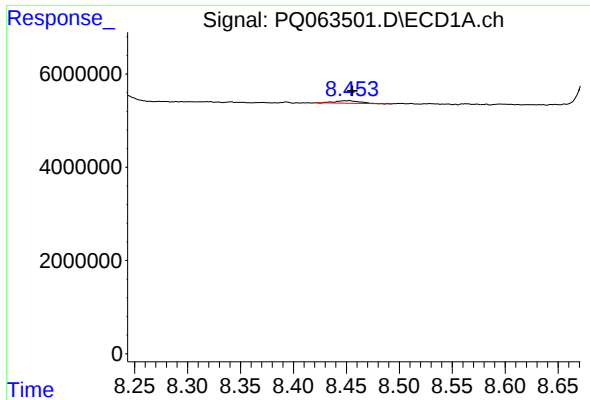
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T.: 7.831 min
Response: 0
Conc: N.D.



#43 AR-1268-3

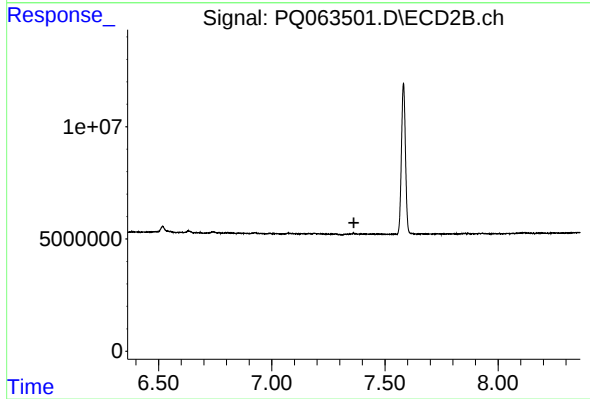
R.T.: 6.741 min
Delta R.T.: -0.059 min
Response: 867884
Conc: 1.84 ng/ml



#45 AR-1268-5

R.T.: 8.453 min
Delta R.T.: -0.003 min
Response: 914529
Conc: 0.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 7.363 min
Response: 0
Conc: N.D.