

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ062023\
 Data File : PQ061586.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jun 2023 02:08
 Operator : YP\AJ
 Sample : 03311-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 21 02:44:35 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ060923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jun 09 18:19:31 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...	3.405	2.760	56555859	36267761	12.582	13.582
2)	SA Decachlor...	8.582	7.531	69775139	56911238	20.713	16.955
Target Compounds							
4)	L1 AR-1016-2	4.529	3.777	176195	154964	0.772	1.040 #
5)	L1 AR-1016-3	4.565	3.948	50739	118373	0.357	1.498 #
6)	L1 AR-1016-4	4.657	3.972	719516	677879	6.249	9.547 #
7)	L1 AR-1016-5	4.965	4.178	291657	972652	2.524	11.361 #
8)	L2 AR-1221-1	3.584	2.939	1414410	1270422	25.208	35.680 #
9)	L2 AR-1221-2	3.684	3.029	1606606	1126648	38.071	40.906
10)	L2 AR-1221-3	3.764	3.115	1643372	650309	12.537	7.674 #
11)	L3 AR-1232-1	3.764	3.115	1643372	650309	17.192	10.560 #
12)	L3 AR-1232-2	4.277f	3.777	498756	154964	9.079	2.249 #
13)	L3 AR-1232-3	4.529	3.948	176195	118373	1.687	3.274 #
14)	L3 AR-1232-4	4.657	4.023	719516	1309719	13.561	40.636 #
15)	L3 AR-1232-5	4.786	4.178	809318	972652	21.460	25.380
17)	L4 AR-1242-2	4.529	3.777	176195	154964	1.038	1.398 #
18)	L4 AR-1242-3	4.565	3.948	50739	118373	0.474	2.000 #
19)	L4 AR-1242-4	4.657	4.023	719516	1309719	8.290	21.870 #
20)	L4 AR-1242-5	5.382	4.515	1076031	2536752	12.133	31.682 #
22)	L5 AR-1248-2	4.786	3.972	809318	677879	6.366	7.013
23)	L5 AR-1248-3	4.965	4.023	291657	1309719	1.893	14.327 #
24)	L5 AR-1248-4	5.359	4.178	1573814	972652	9.271	8.590
25)	L5 AR-1248-5	5.382	4.556	1076031	687789	6.568	6.245
26)	L6 AR-1254-1	5.335	4.515	725427	2536752	4.247	15.426 #
27)	L6 AR-1254-2	5.542	4.667	1888460	1097509	7.063	7.297
28)	L6 AR-1254-3	5.898	5.063	1737101	2256743	6.216	9.698 #
29)	L6 AR-1254-4	6.180	5.270	1687570	1200972	8.245	8.359
30)	L6 AR-1254-5	6.594	5.679	3422874	2752508	14.511	12.067
31)	L7 AR-1260-1	6.061	5.173	1549175	2359296	6.973	13.716 #
32)	L7 AR-1260-2	6.322	5.367	3314443	2455230	12.458	11.848
33)	L7 AR-1260-3	6.679	5.506	1247219	2114915	7.417	10.648 #
34)	L7 AR-1260-4	6.894	5.969	1571531	1427723	7.830	9.705
35)	L7 AR-1260-5	7.205	6.214	3689308	3345113	9.694	10.302
36)	L8 AR-1262-1	6.679	5.723	1247219	1669602	4.166	6.889 #
37)	L8 AR-1262-2	7.205	6.214	3689308	3345113	7.317	7.654
38)	L8 AR-1262-3	7.482	6.500	2590669	478613	7.666	2.656 #
39)	L8 AR-1262-4	7.562	6.547	1801964	2895938	7.017	8.732
40)	L8 AR-1262-5	8.056	7.048	1467544	646083	8.617	4.027 #
41)	L9 AR-1268-1	7.482	6.500	2590669	478613	4.704	0.974 #
42)	L9 AR-1268-2	7.562	6.547	1801964	2895938	3.657	6.509 #
43)	L9 AR-1268-3	7.730	6.758	-88893	855919	N.D.	2.186 #
44)	L9 AR-1268-4	8.056	7.048	1467544	646083	8.291	3.848 #

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 Acq On : 21 Jun 2023 02:08
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 Sample : 03311-01
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 ALS Vial : 29 Sample Multiplier: 1

Instrument :
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 21 02:44:35 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ060923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jun 09 18:19:31 2023
 Response via : Initial Calibration
 Integrator: ChemStation

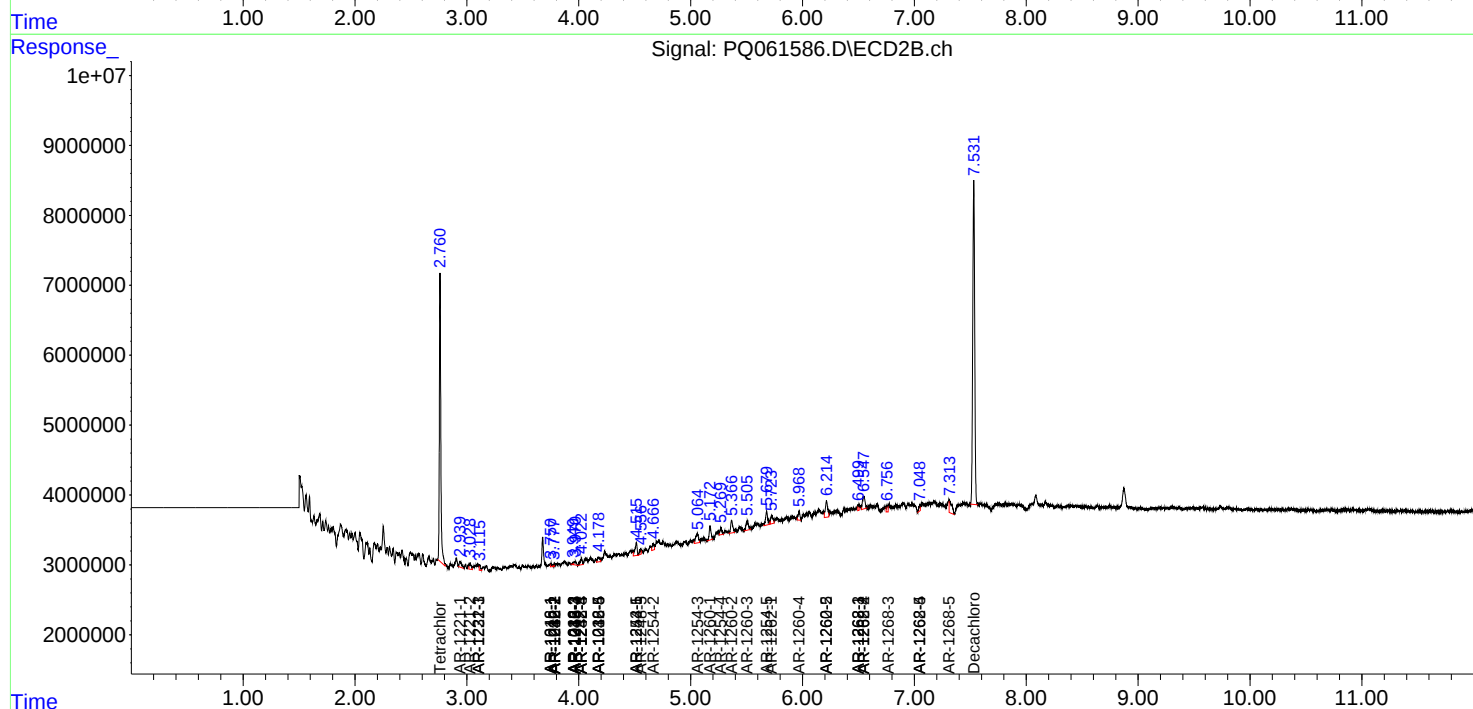
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

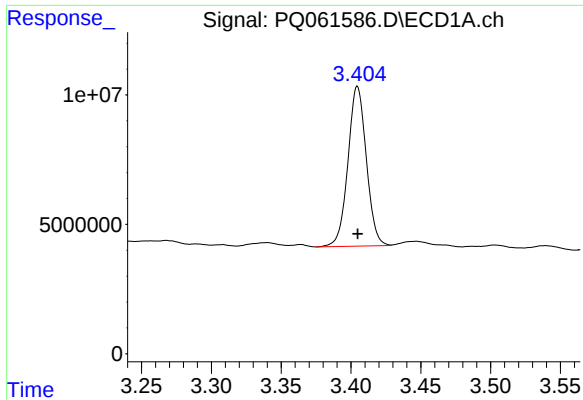
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
45) L9	AR-1268-5	8.348	7.313	792240	2879949	0.667	2.322 #

(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

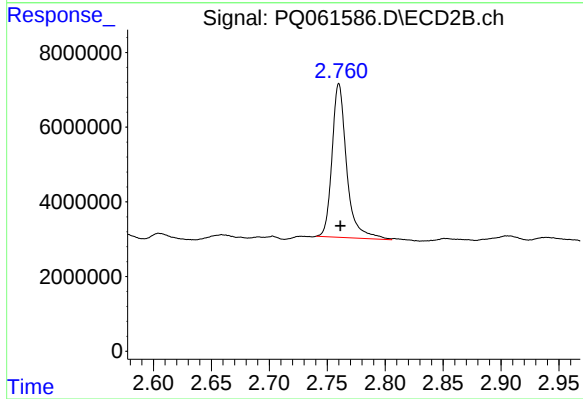




#1 Tetrachloro-m-xylene

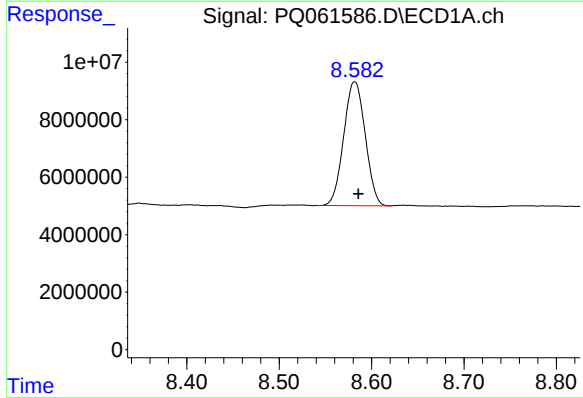
R.T.: 3.405 min
Delta R.T.: 0.000 min
Response: 56555859
Conc: 12.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



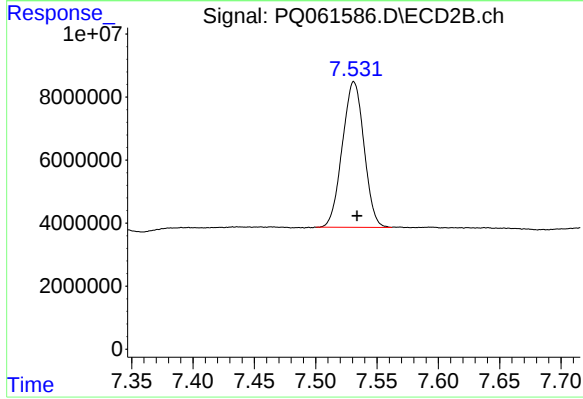
#1 Tetrachloro-m-xylene

R.T.: 2.760 min
Delta R.T.: -0.001 min
Response: 36267761
Conc: 13.58 ng/ml



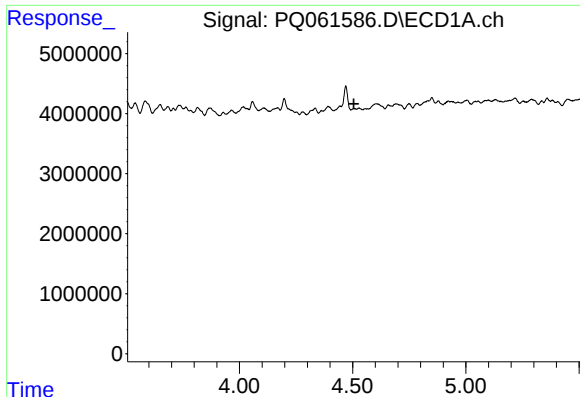
#2 Decachlorobiphenyl

R.T.: 8.582 min
Delta R.T.: -0.004 min
Response: 69775139
Conc: 20.71 ng/ml



#2 Decachlorobiphenyl

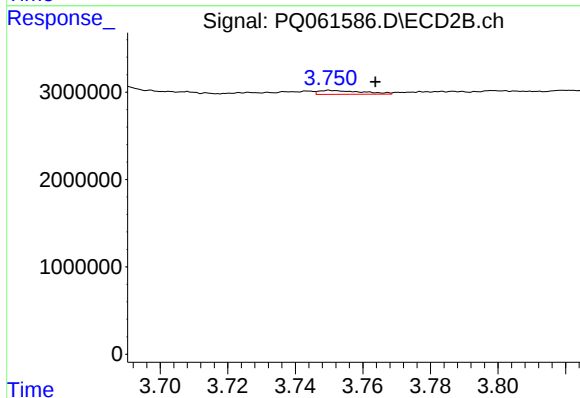
R.T.: 7.531 min
Delta R.T.: -0.003 min
Response: 56911238
Conc: 16.96 ng/ml



#3 AR-1016-1

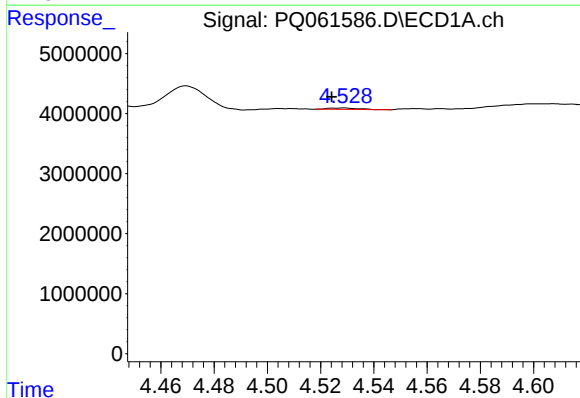
R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: -1983407
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



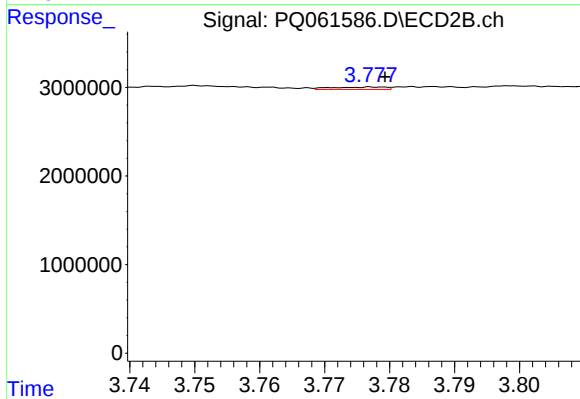
#3 AR-1016-1

R.T.: 3.750 min
Delta R.T.: -0.013 min
Response: 408983
Conc: 3.97 ng/ml



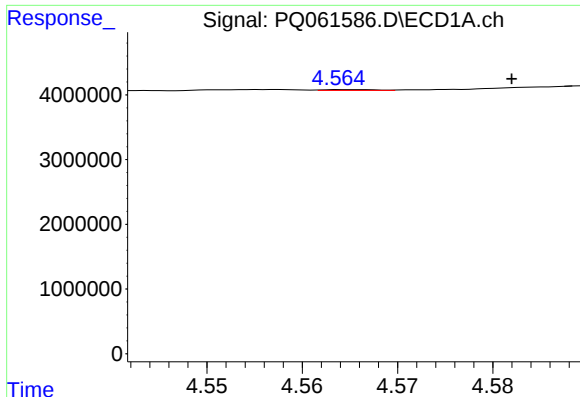
#4 AR-1016-2

R.T.: 4.529 min
Delta R.T.: 0.005 min
Response: 176195
Conc: 0.77 ng/ml



#4 AR-1016-2

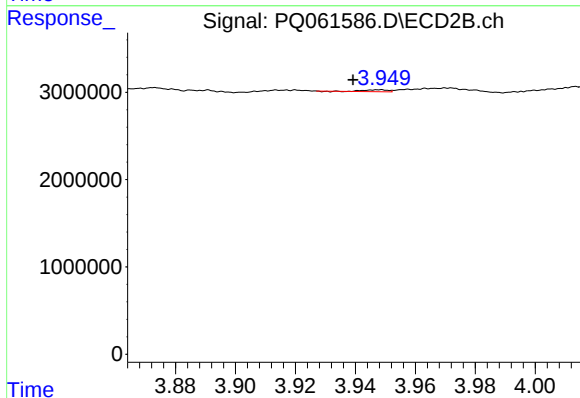
R.T.: 3.777 min
Delta R.T.: -0.002 min
Response: 154964
Conc: 1.04 ng/ml



#5 AR-1016-3

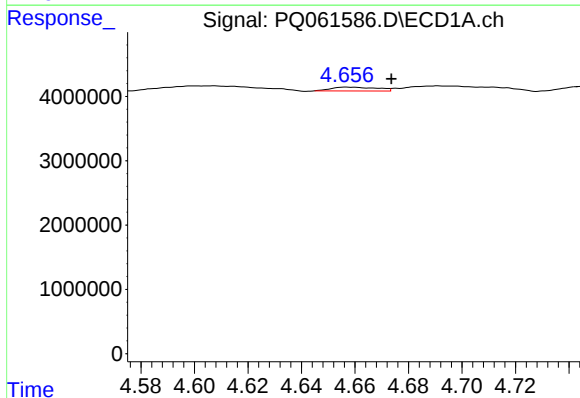
R.T.: 4.565 min
Delta R.T.: -0.017 min
Response: 50739
Conc: 0.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



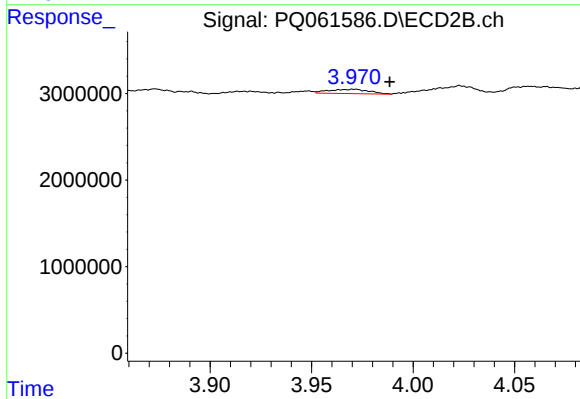
#5 AR-1016-3

R.T.: 3.948 min
Delta R.T.: 0.009 min
Response: 118373
Conc: 1.50 ng/ml



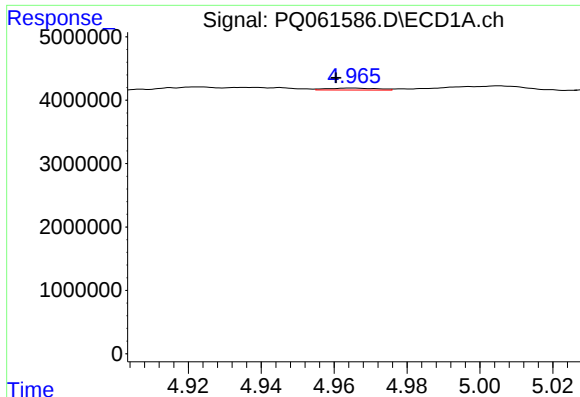
#6 AR-1016-4

R.T.: 4.657 min
Delta R.T.: -0.016 min
Response: 719516
Conc: 6.25 ng/ml



#6 AR-1016-4

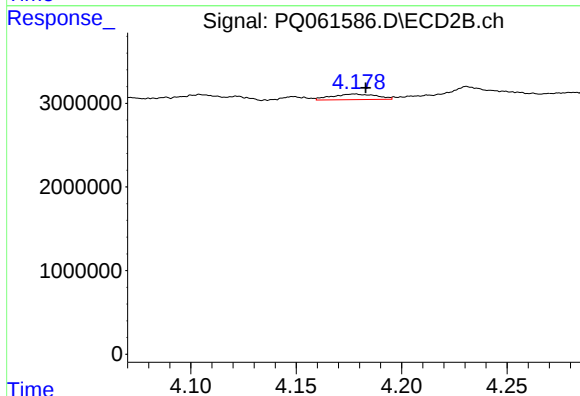
R.T.: 3.972 min
Delta R.T.: -0.017 min
Response: 677879
Conc: 9.55 ng/ml



#7 AR-1016-5

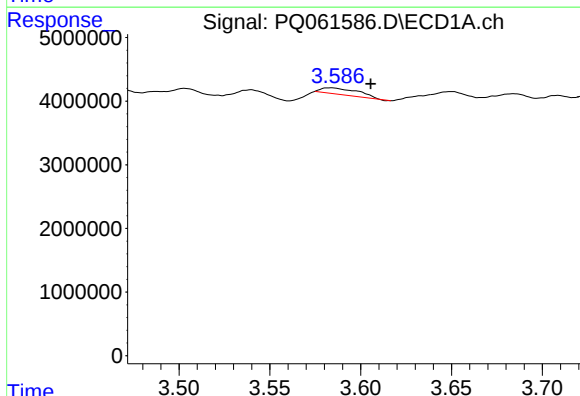
R.T.: 4.965 min
Delta R.T.: 0.004 min
Response: 291657
Conc: 2.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



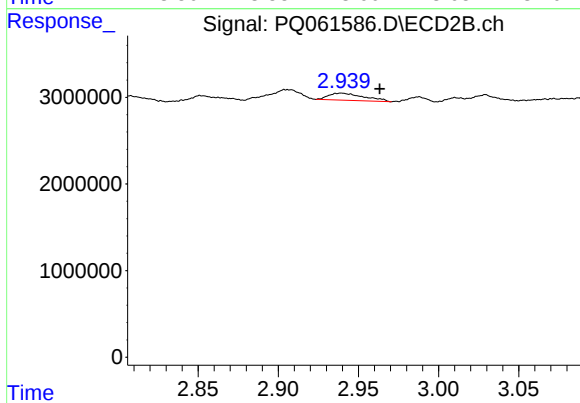
#7 AR-1016-5

R.T.: 4.178 min
Delta R.T.: -0.005 min
Response: 972652
Conc: 11.36 ng/ml



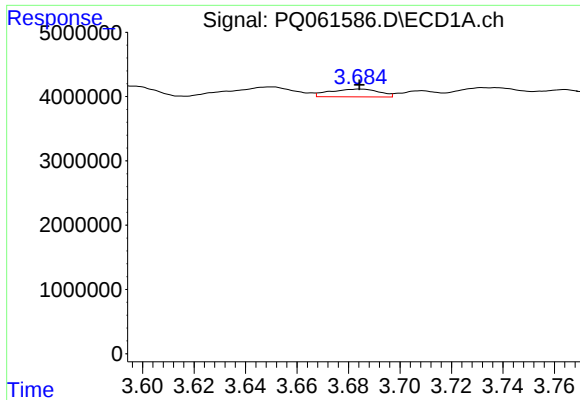
#8 AR-1221-1

R.T.: 3.584 min
Delta R.T.: -0.022 min
Response: 1414410
Conc: 25.21 ng/ml



#8 AR-1221-1

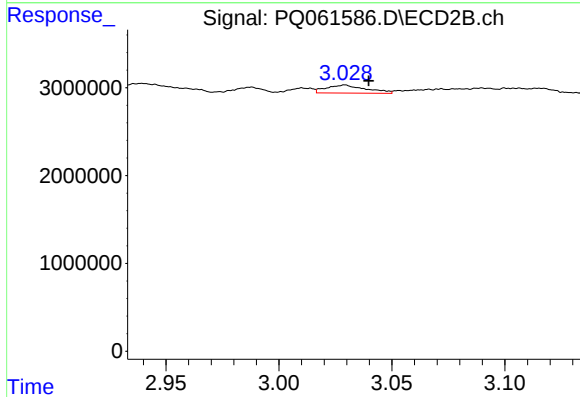
R.T.: 2.939 min
Delta R.T.: -0.024 min
Response: 1270422
Conc: 35.68 ng/ml



#9 AR-1221-2

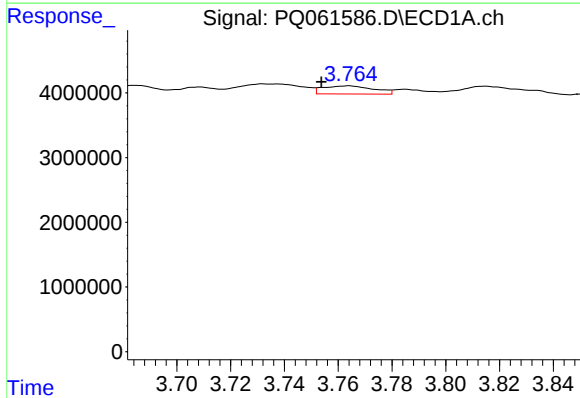
R.T.: 3.684 min
Delta R.T.: 0.000 min
Response: 1606606
Conc: 38.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



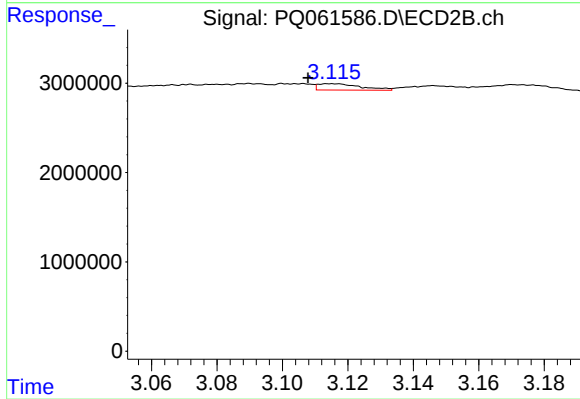
#9 AR-1221-2

R.T.: 3.029 min
Delta R.T.: -0.010 min
Response: 1126648
Conc: 40.91 ng/ml



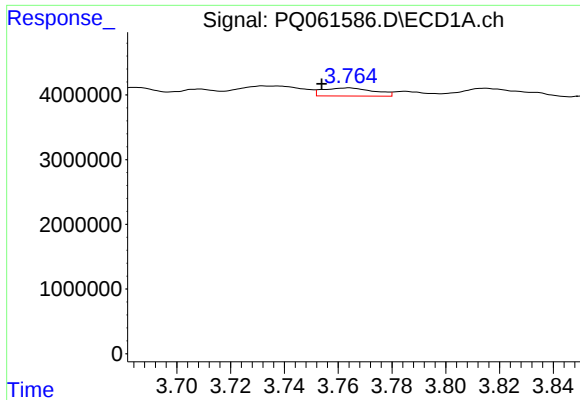
#10 AR-1221-3

R.T.: 3.764 min
Delta R.T.: 0.010 min
Response: 1643372
Conc: 12.54 ng/ml



#10 AR-1221-3

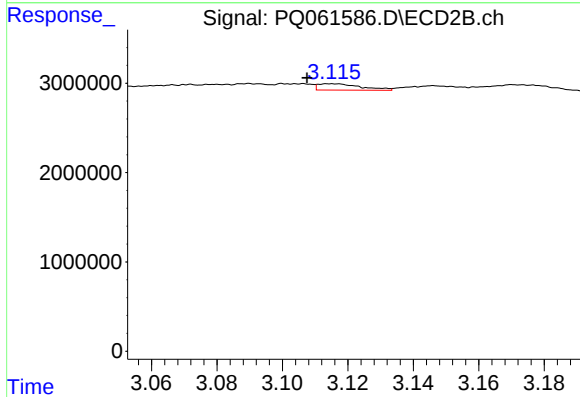
R.T.: 3.115 min
Delta R.T.: 0.007 min
Response: 650309
Conc: 7.67 ng/ml



#11 AR-1232-1

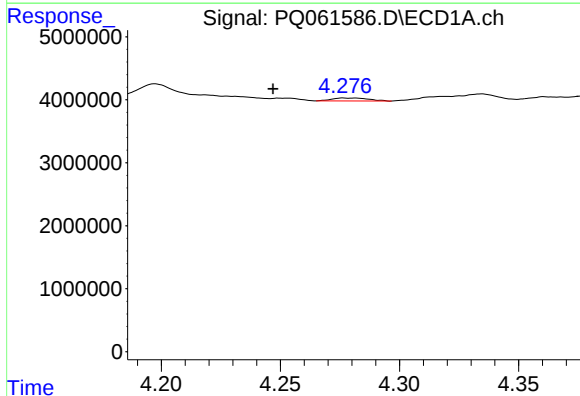
R.T.: 3.764 min
Delta R.T.: 0.010 min
Response: 1643372
Conc: 17.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



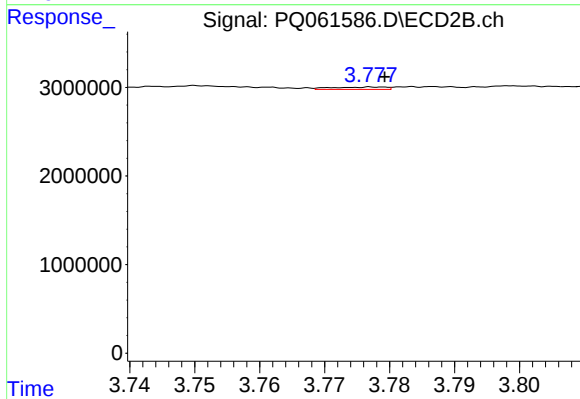
#11 AR-1232-1

R.T.: 3.115 min
Delta R.T.: 0.007 min
Response: 650309
Conc: 10.56 ng/ml



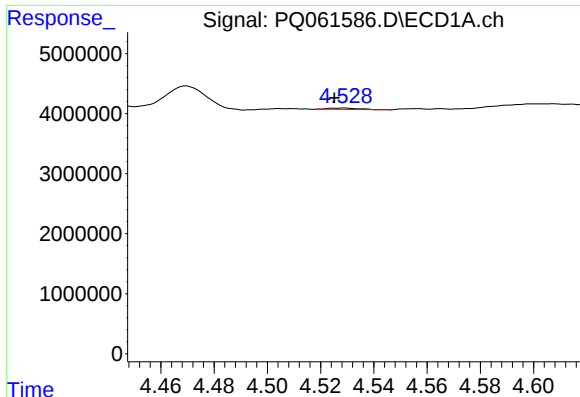
#12 AR-1232-2

R.T.: 4.277 min
Delta R.T.: 0.030 min
Response: 498756
Conc: 9.08 ng/ml



#12 AR-1232-2

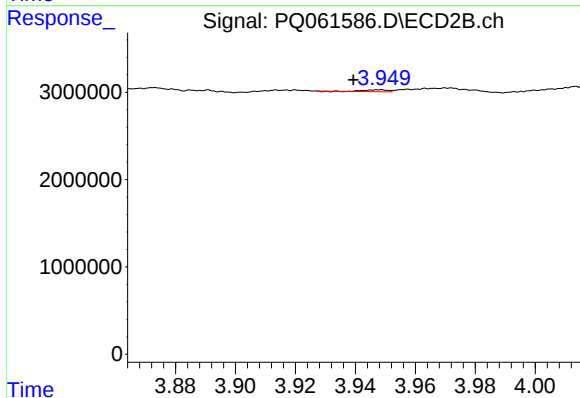
R.T.: 3.777 min
Delta R.T.: -0.002 min
Response: 154964
Conc: 2.25 ng/ml



#13 AR-1232-3

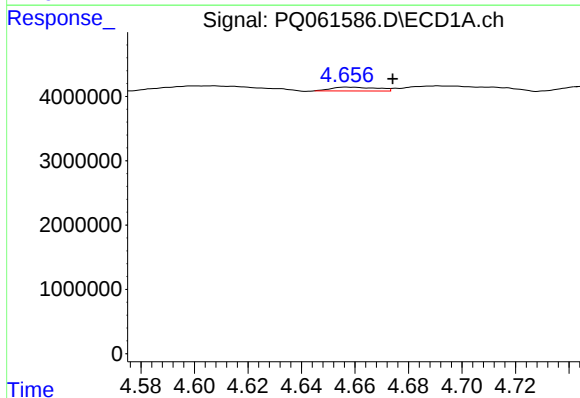
R.T.: 4.529 min
Delta R.T.: 0.003 min
Response: 176195
Conc: 1.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



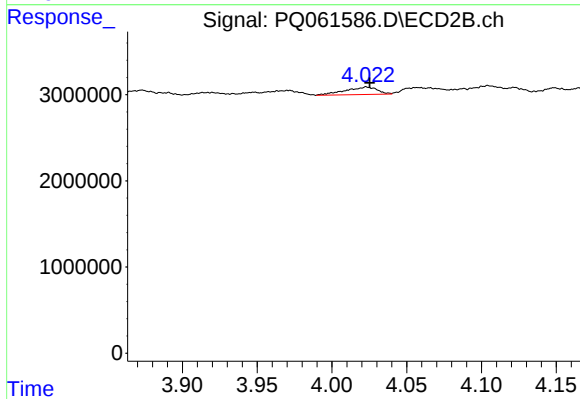
#13 AR-1232-3

R.T.: 3.948 min
Delta R.T.: 0.009 min
Response: 118373
Conc: 3.27 ng/ml



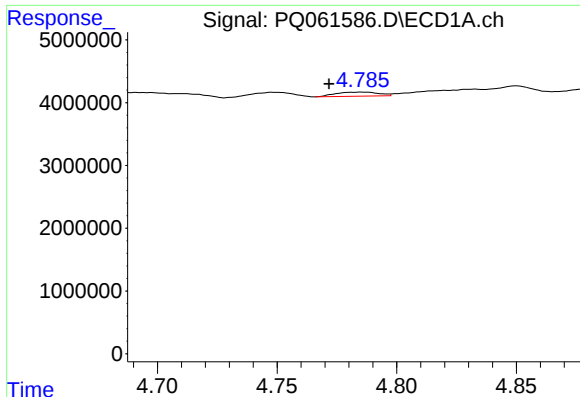
#14 AR-1232-4

R.T.: 4.657 min
Delta R.T.: -0.017 min
Response: 719516
Conc: 13.56 ng/ml



#14 AR-1232-4

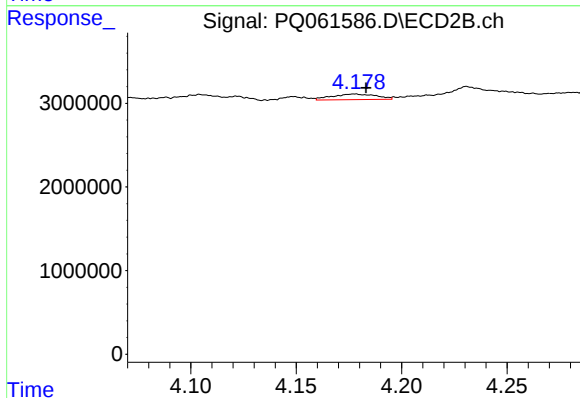
R.T.: 4.023 min
Delta R.T.: -0.002 min
Response: 1309719
Conc: 40.64 ng/ml



#15 AR-1232-5

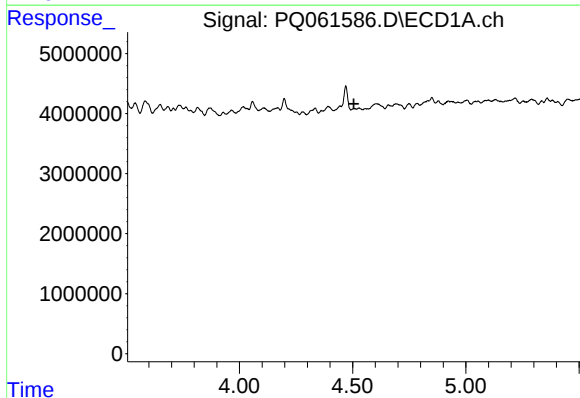
R.T.: 4.786 min
Delta R.T.: 0.014 min
Response: 809318
Conc: 21.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



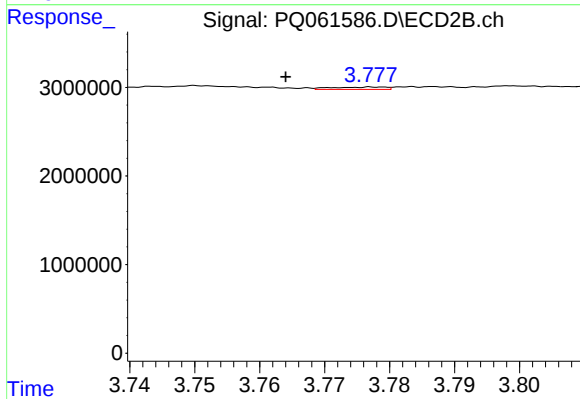
#15 AR-1232-5

R.T.: 4.178 min
Delta R.T.: -0.005 min
Response: 972652
Conc: 25.38 ng/ml



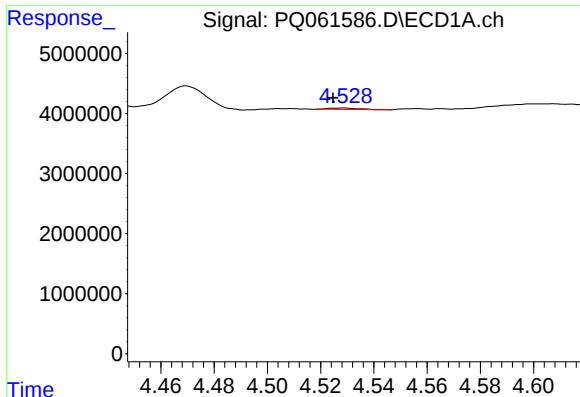
#16 AR-1242-1

R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: -1983407
Conc: N.D.



#16 AR-1242-1

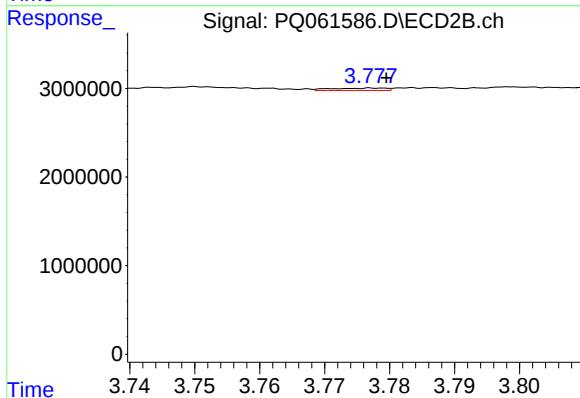
R.T.: 3.777 min
Delta R.T.: 0.013 min
Response: 154964
Conc: 2.02 ng/ml



#17 AR-1242-2

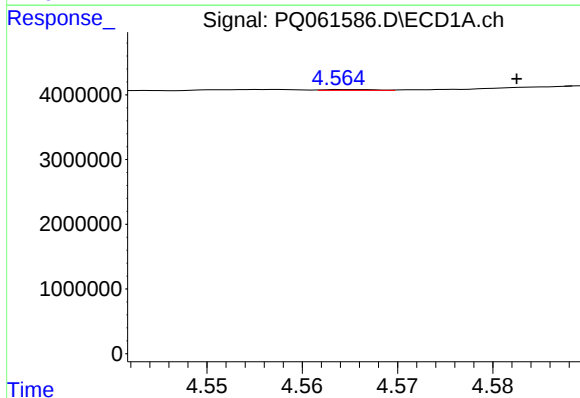
R.T.: 4.529 min
Delta R.T.: 0.004 min
Response: 176195
Conc: 1.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



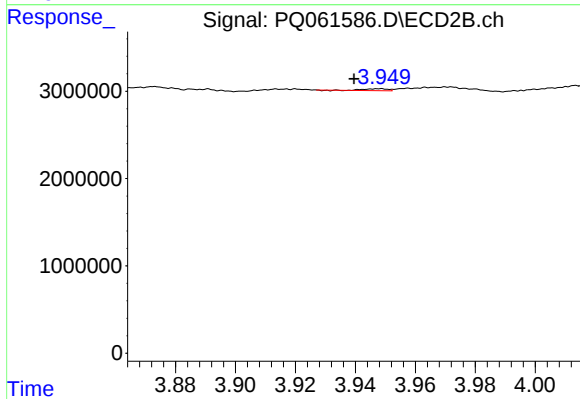
#17 AR-1242-2

R.T.: 3.777 min
Delta R.T.: -0.002 min
Response: 154964
Conc: 1.40 ng/ml



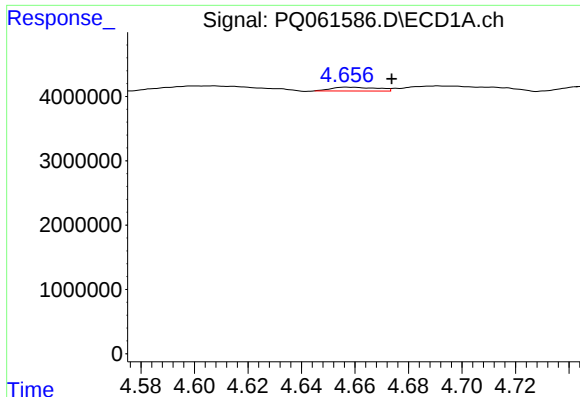
#18 AR-1242-3

R.T.: 4.565 min
Delta R.T.: -0.017 min
Response: 50739
Conc: 0.47 ng/ml



#18 AR-1242-3

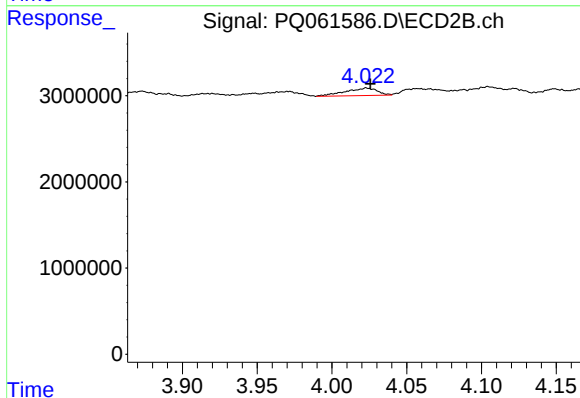
R.T.: 3.948 min
Delta R.T.: 0.009 min
Response: 118373
Conc: 2.00 ng/ml



#19 AR-1242-4

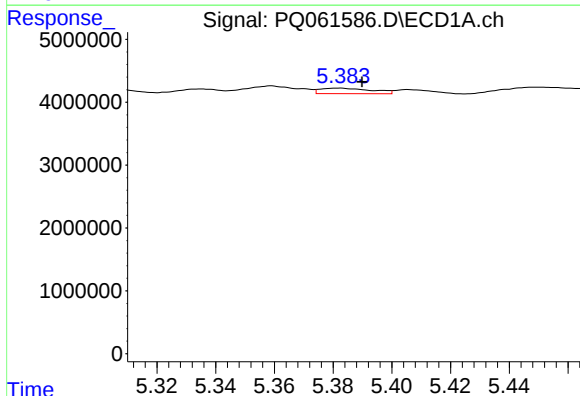
R.T.: 4.657 min
Delta R.T.: -0.017 min
Response: 719516
Conc: 8.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



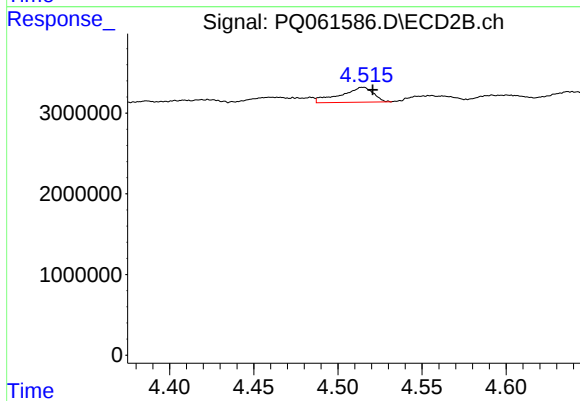
#19 AR-1242-4

R.T.: 4.023 min
Delta R.T.: -0.003 min
Response: 1309719
Conc: 21.87 ng/ml



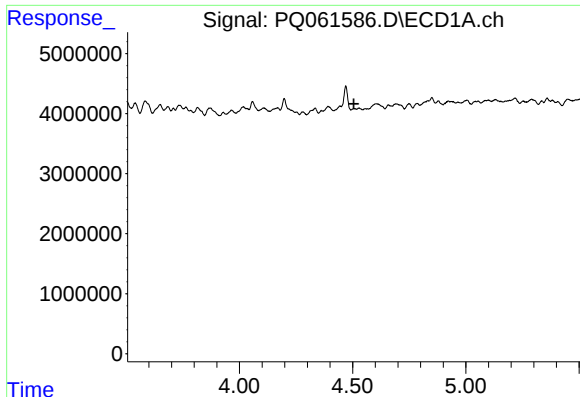
#20 AR-1242-5

R.T.: 5.382 min
Delta R.T.: -0.008 min
Response: 1076031
Conc: 12.13 ng/ml



#20 AR-1242-5

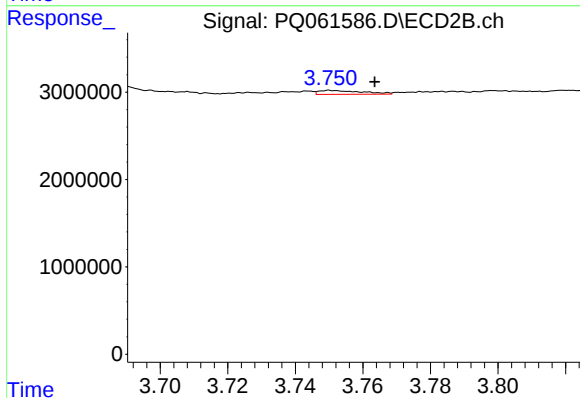
R.T.: 4.515 min
Delta R.T.: -0.006 min
Response: 2536752
Conc: 31.68 ng/ml



#21 AR-1248-1

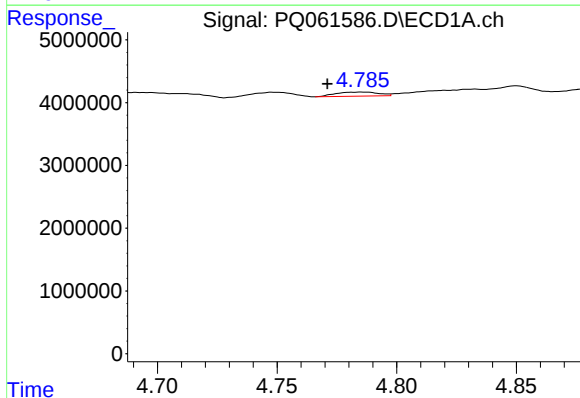
R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: -1983407
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



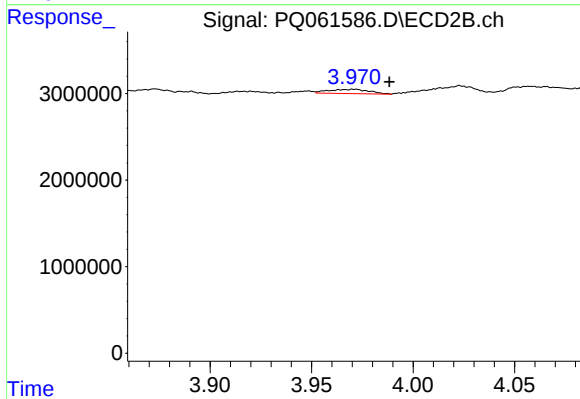
#21 AR-1248-1

R.T.: 3.750 min
Delta R.T.: -0.013 min
Response: 408983
Conc: 6.57 ng/ml



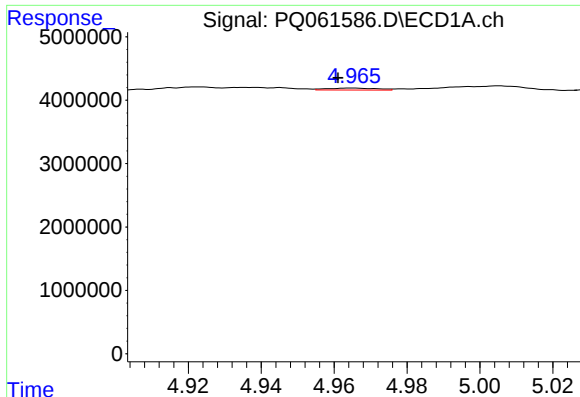
#22 AR-1248-2

R.T.: 4.786 min
Delta R.T.: 0.015 min
Response: 809318
Conc: 6.37 ng/ml



#22 AR-1248-2

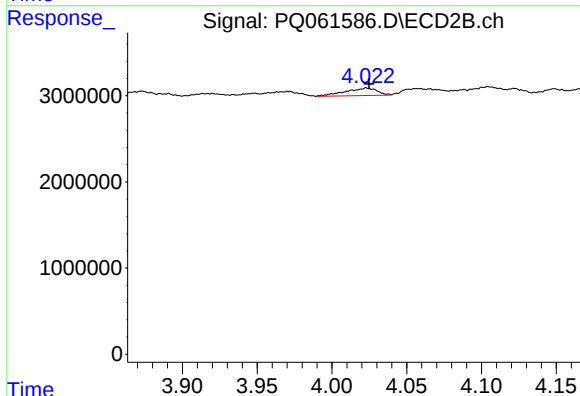
R.T.: 3.972 min
Delta R.T.: -0.017 min
Response: 677879
Conc: 7.01 ng/ml



#23 AR-1248-3

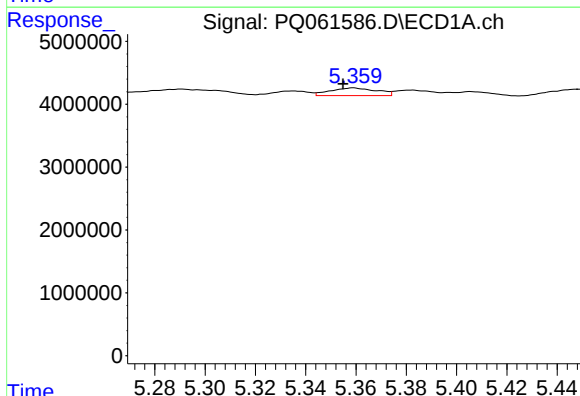
R.T.: 4.965 min
Delta R.T.: 0.004 min
Response: 291657
Conc: 1.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



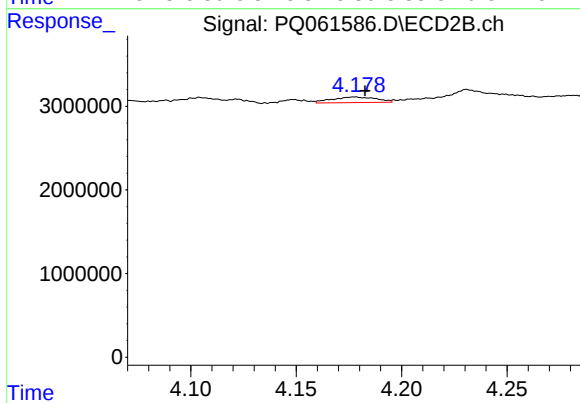
#23 AR-1248-3

R.T.: 4.023 min
Delta R.T.: -0.002 min
Response: 1309719
Conc: 14.33 ng/ml



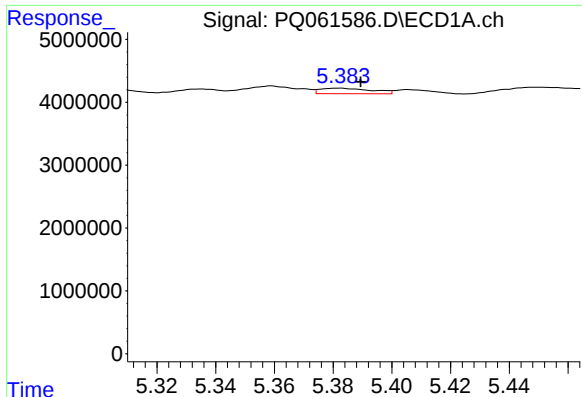
#24 AR-1248-4

R.T.: 5.359 min
Delta R.T.: 0.004 min
Response: 1573814
Conc: 9.27 ng/ml



#24 AR-1248-4

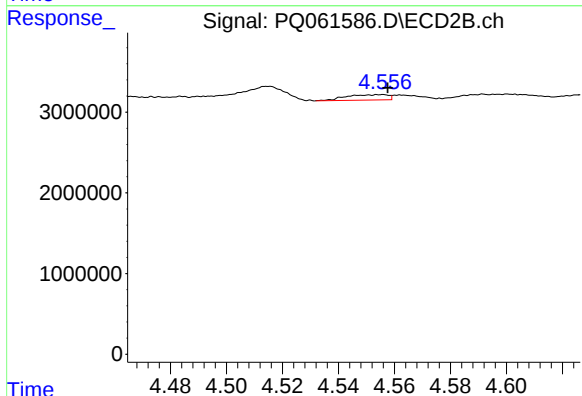
R.T.: 4.178 min
Delta R.T.: -0.005 min
Response: 972652
Conc: 8.59 ng/ml



#25 AR-1248-5

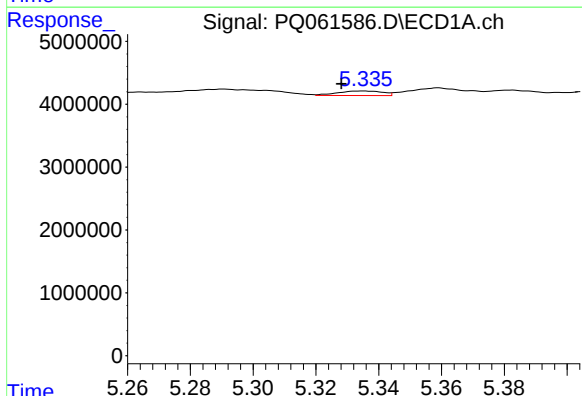
R.T.: 5.382 min
Delta R.T.: -0.008 min
Response: 1076031
Conc: 6.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



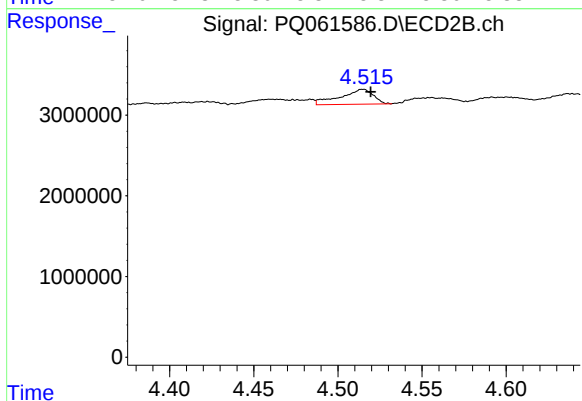
#25 AR-1248-5

R.T.: 4.556 min
Delta R.T.: -0.002 min
Response: 687789
Conc: 6.24 ng/ml



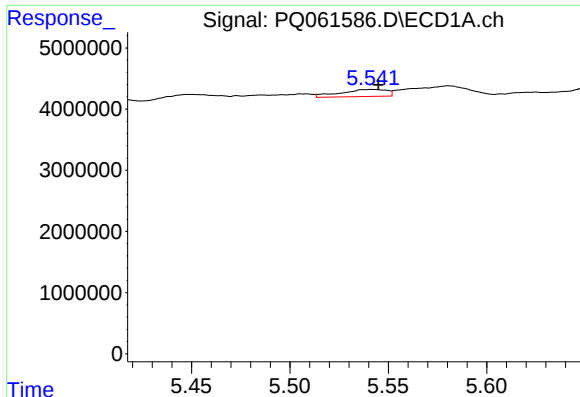
#26 AR-1254-1

R.T.: 5.335 min
Delta R.T.: 0.007 min
Response: 725427
Conc: 4.25 ng/ml



#26 AR-1254-1

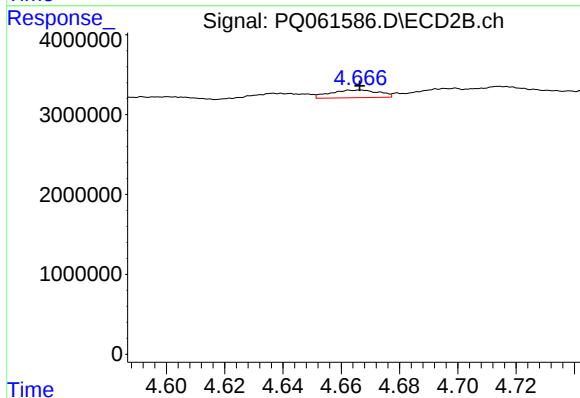
R.T.: 4.515 min
Delta R.T.: -0.004 min
Response: 2536752
Conc: 15.43 ng/ml



#27 AR-1254-2

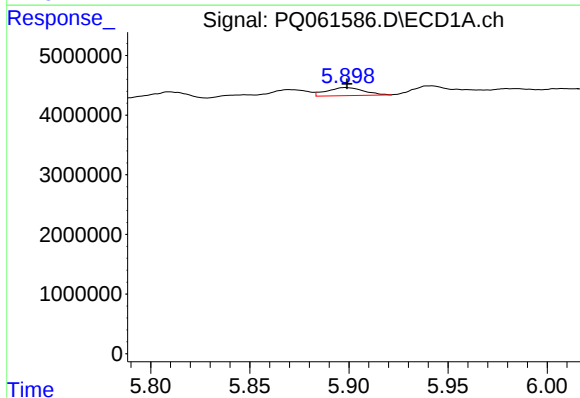
R.T.: 5.542 min
Delta R.T.: -0.003 min
Response: 1888460
Conc: 7.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



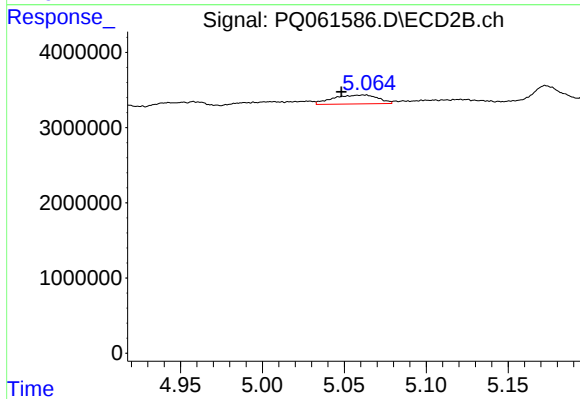
#27 AR-1254-2

R.T.: 4.667 min
Delta R.T.: 0.000 min
Response: 1097509
Conc: 7.30 ng/ml



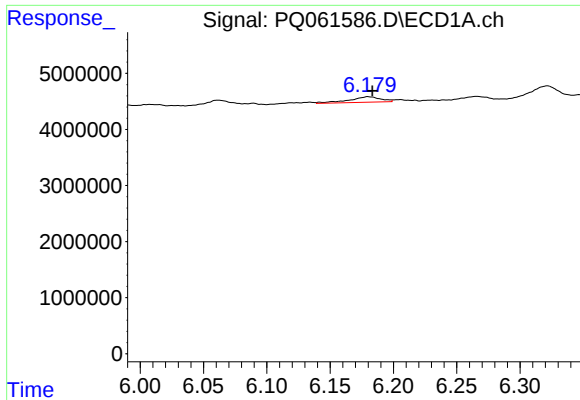
#28 AR-1254-3

R.T.: 5.898 min
Delta R.T.: 0.000 min
Response: 1737101
Conc: 6.22 ng/ml



#28 AR-1254-3

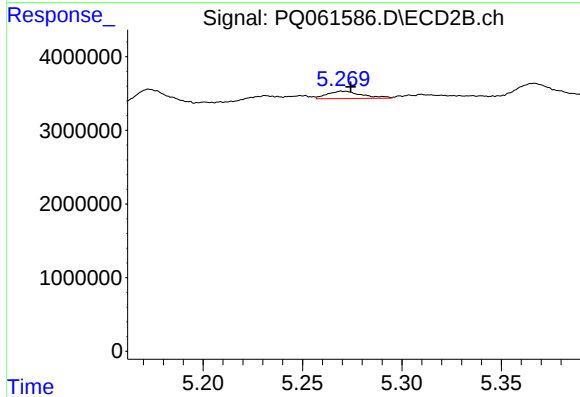
R.T.: 5.063 min
Delta R.T.: 0.015 min
Response: 2256743
Conc: 9.70 ng/ml



#29 AR-1254-4

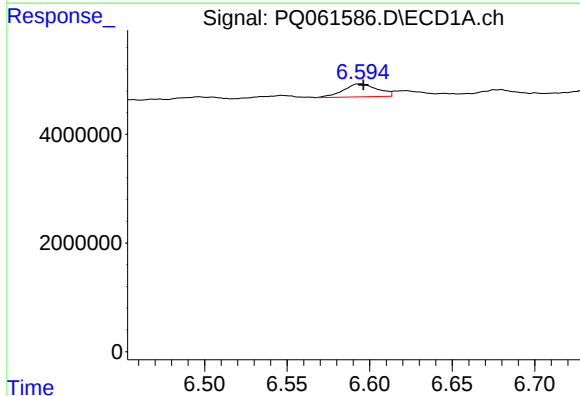
R.T.: 6.180 min
Delta R.T.: -0.003 min
Response: 1687570
Conc: 8.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



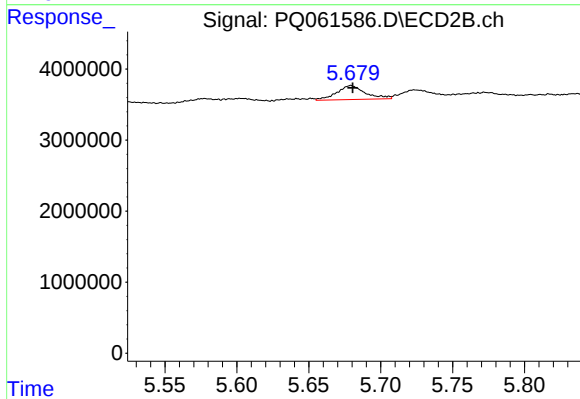
#29 AR-1254-4

R.T.: 5.270 min
Delta R.T.: -0.005 min
Response: 1200972
Conc: 8.36 ng/ml



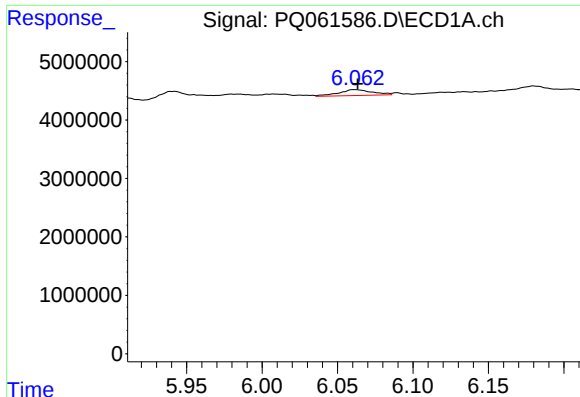
#30 AR-1254-5

R.T.: 6.594 min
Delta R.T.: -0.002 min
Response: 3422874
Conc: 14.51 ng/ml



#30 AR-1254-5

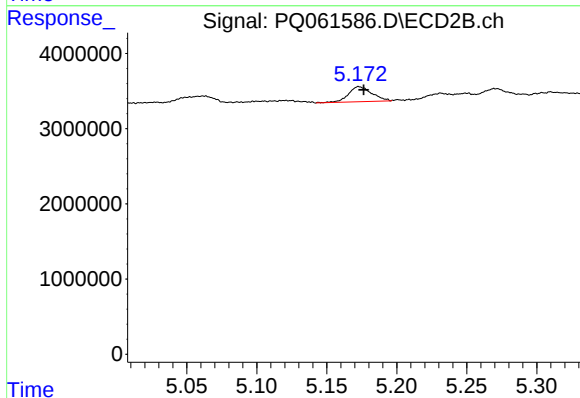
R.T.: 5.679 min
Delta R.T.: -0.001 min
Response: 2752508
Conc: 12.07 ng/ml



#31 AR-1260-1

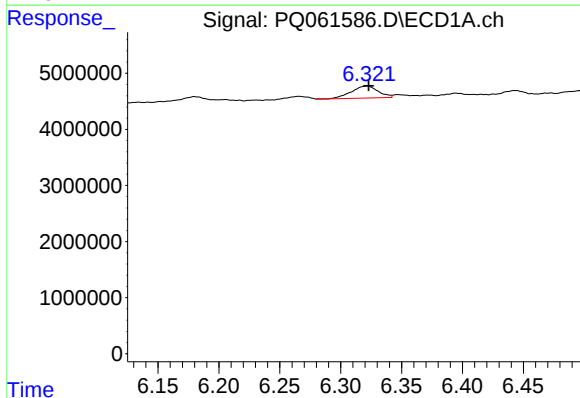
R.T.: 6.061 min
Delta R.T.: -0.002 min
Response: 1549175
Conc: 6.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



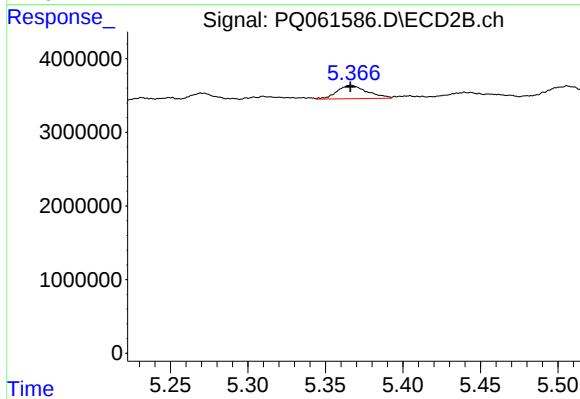
#31 AR-1260-1

R.T.: 5.173 min
Delta R.T.: -0.003 min
Response: 2359296
Conc: 13.72 ng/ml



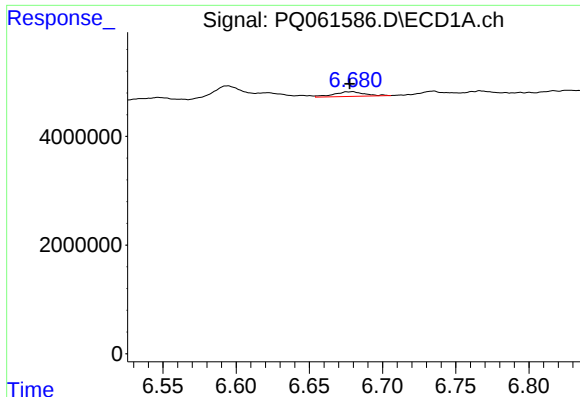
#32 AR-1260-2

R.T.: 6.322 min
Delta R.T.: -0.002 min
Response: 3314443
Conc: 12.46 ng/ml



#32 AR-1260-2

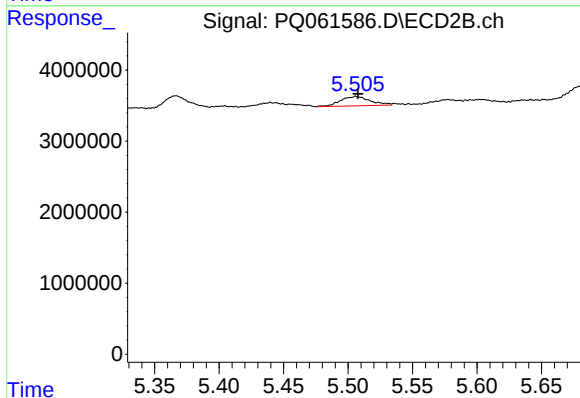
R.T.: 5.367 min
Delta R.T.: 0.000 min
Response: 2455230
Conc: 11.85 ng/ml



#33 AR-1260-3

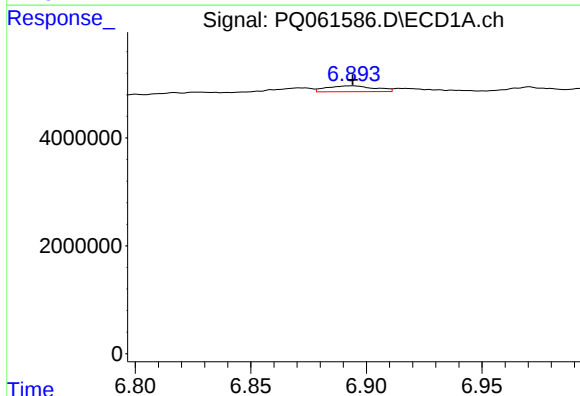
R.T.: 6.679 min
Delta R.T.: 0.002 min
Response: 1247219
Conc: 7.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



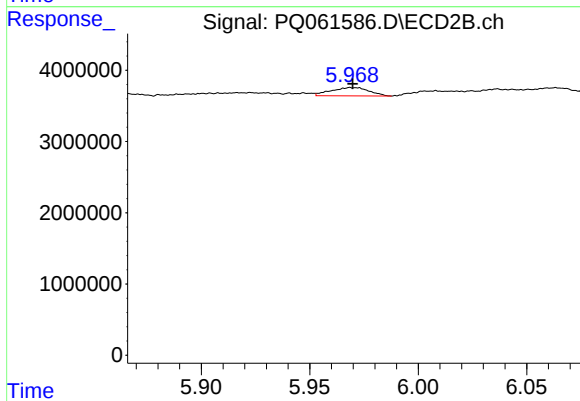
#33 AR-1260-3

R.T.: 5.506 min
Delta R.T.: -0.002 min
Response: 2114915
Conc: 10.65 ng/ml



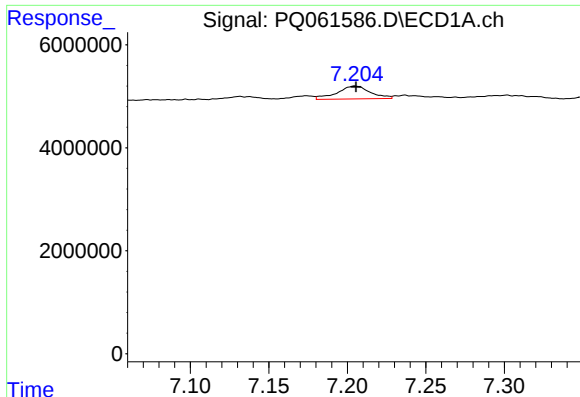
#34 AR-1260-4

R.T.: 6.894 min
Delta R.T.: 0.000 min
Response: 1571531
Conc: 7.83 ng/ml



#34 AR-1260-4

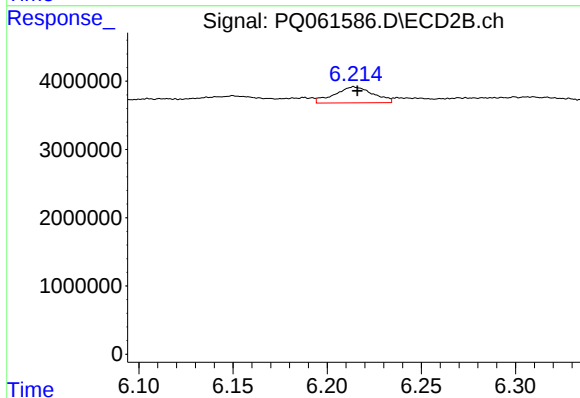
R.T.: 5.969 min
Delta R.T.: -0.001 min
Response: 1427723
Conc: 9.71 ng/ml



#35 AR-1260-5

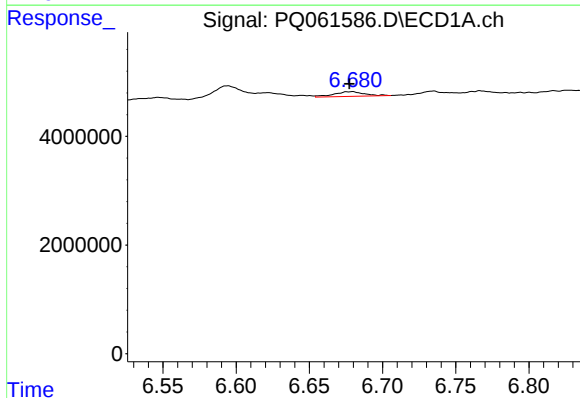
R.T.: 7.205 min
Delta R.T.: 0.000 min
Response: 3689308
Conc: 9.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



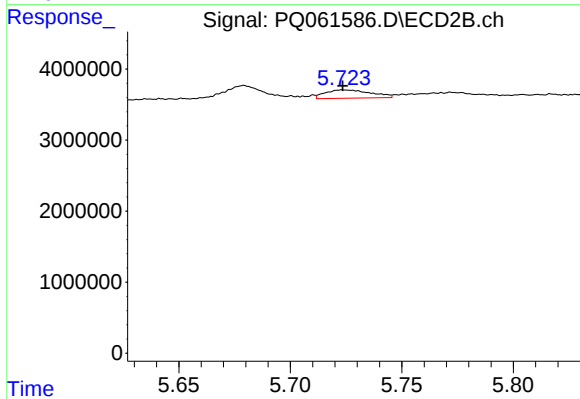
#35 AR-1260-5

R.T.: 6.214 min
Delta R.T.: -0.002 min
Response: 3345113
Conc: 10.30 ng/ml



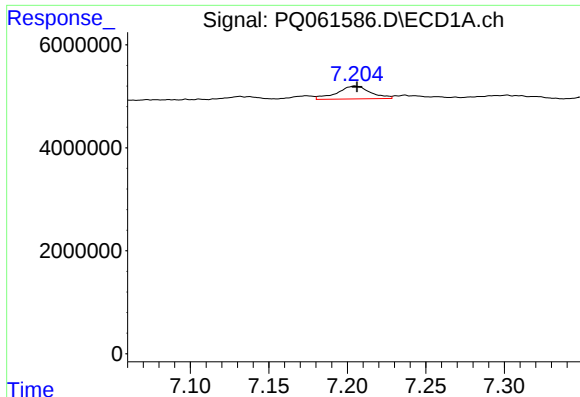
#36 AR-1262-1

R.T.: 6.679 min
Delta R.T.: 0.002 min
Response: 1247219
Conc: 4.17 ng/ml



#36 AR-1262-1

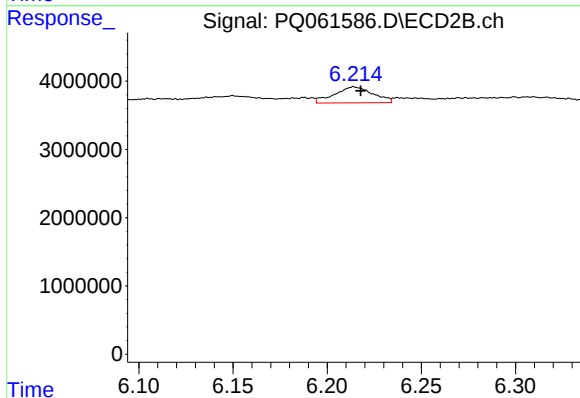
R.T.: 5.723 min
Delta R.T.: 0.000 min
Response: 1669602
Conc: 6.89 ng/ml



#37 AR-1262-2

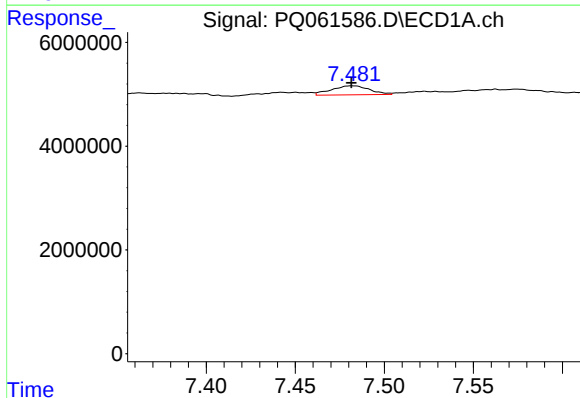
R.T.: 7.205 min
Delta R.T.: -0.001 min
Response: 3689308
Conc: 7.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



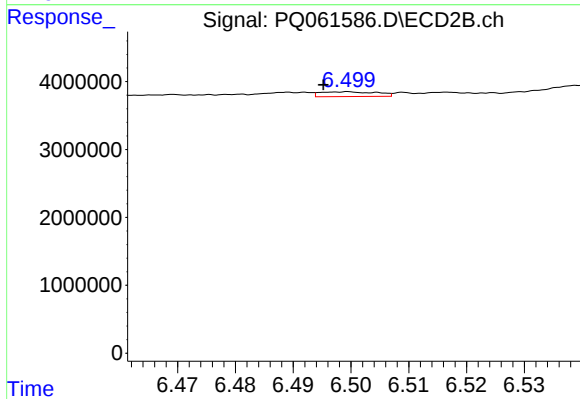
#37 AR-1262-2

R.T.: 6.214 min
Delta R.T.: -0.004 min
Response: 3345113
Conc: 7.65 ng/ml



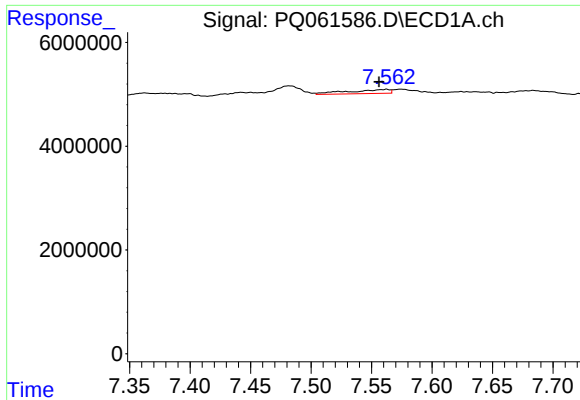
#38 AR-1262-3

R.T.: 7.482 min
Delta R.T.: 0.000 min
Response: 2590669
Conc: 7.67 ng/ml



#38 AR-1262-3

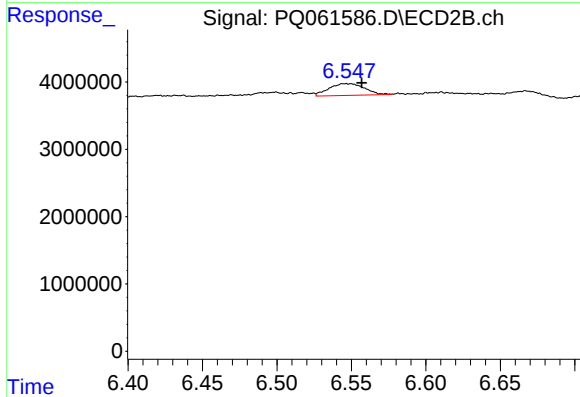
R.T.: 6.500 min
Delta R.T.: 0.004 min
Response: 478613
Conc: 2.66 ng/ml



#39 AR-1262-4

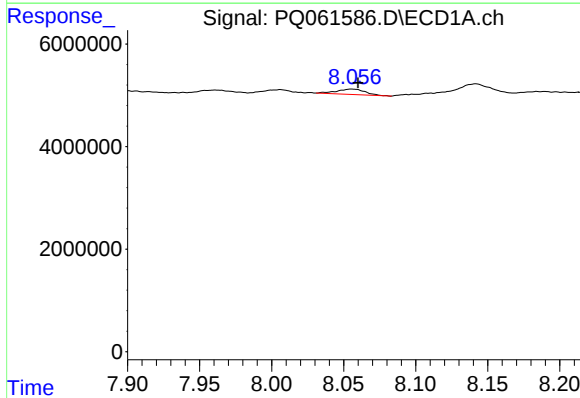
R.T.: 7.562 min
Delta R.T.: 0.006 min
Response: 1801964
Conc: 7.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



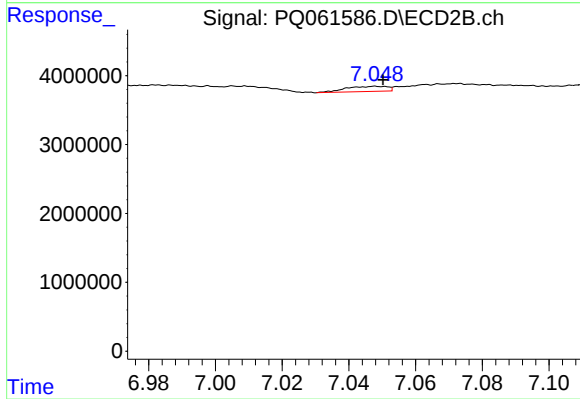
#39 AR-1262-4

R.T.: 6.547 min
Delta R.T.: -0.010 min
Response: 2895938
Conc: 8.73 ng/ml



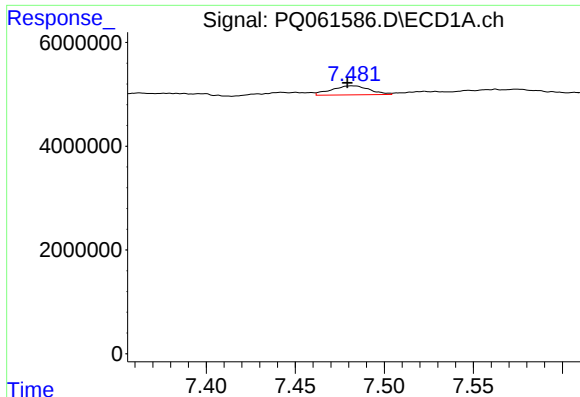
#40 AR-1262-5

R.T.: 8.056 min
Delta R.T.: -0.005 min
Response: 1467544
Conc: 8.62 ng/ml



#40 AR-1262-5

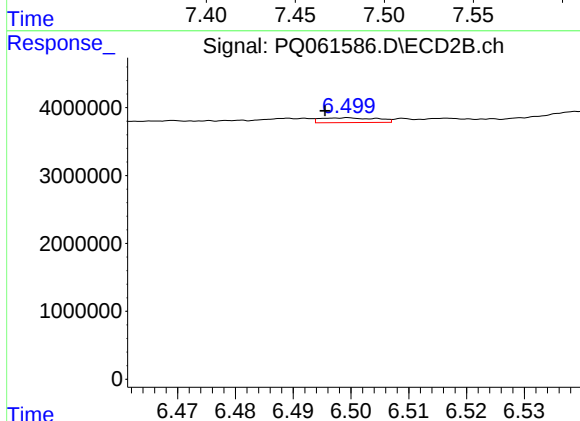
R.T.: 7.048 min
Delta R.T.: -0.002 min
Response: 646083
Conc: 4.03 ng/ml



#41 AR-1268-1

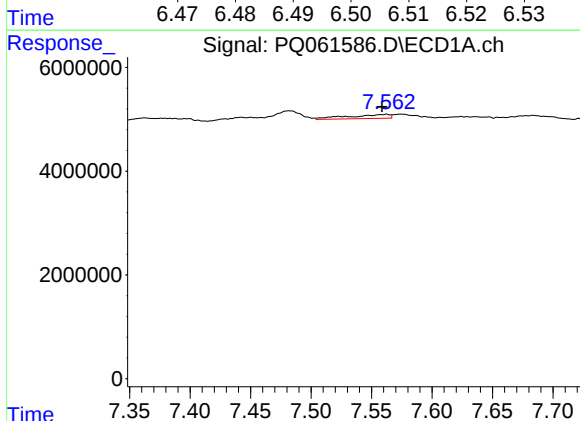
R.T.: 7.482 min
Delta R.T.: 0.003 min
Response: 2590669
Conc: 4.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



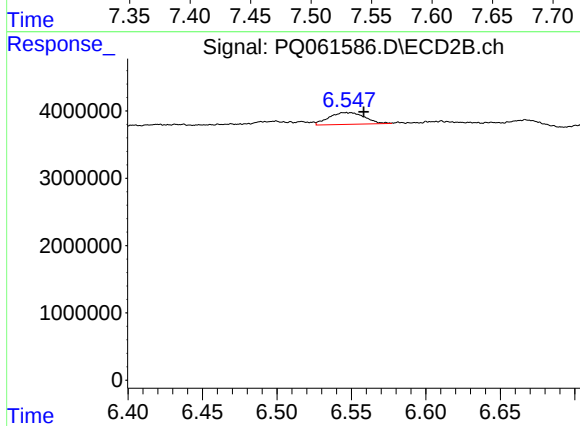
#41 AR-1268-1

R.T.: 6.500 min
Delta R.T.: 0.004 min
Response: 478613
Conc: 0.97 ng/ml



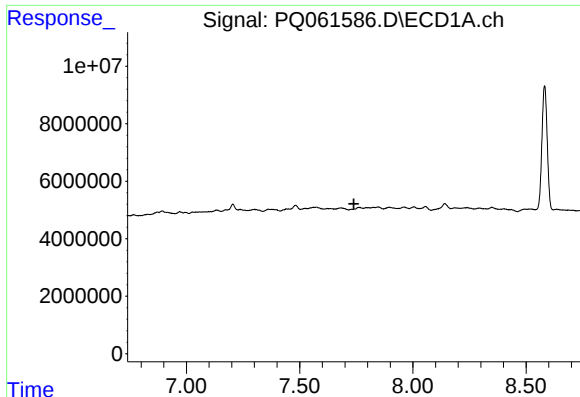
#42 AR-1268-2

R.T.: 7.562 min
Delta R.T.: 0.004 min
Response: 1801964
Conc: 3.66 ng/ml



#42 AR-1268-2

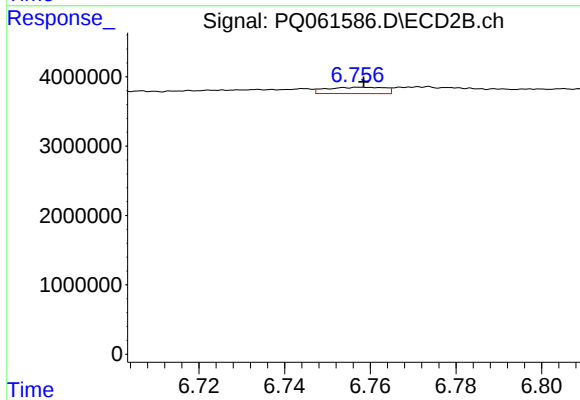
R.T.: 6.547 min
Delta R.T.: -0.012 min
Response: 2895938
Conc: 6.51 ng/ml



#43 AR-1268-3

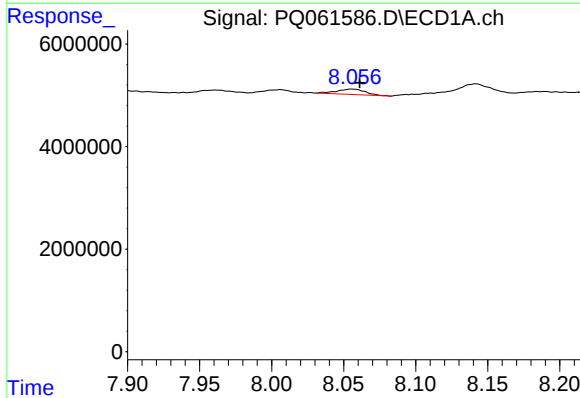
R.T.: 7.730 min
Delta R.T.: -0.010 min
Response: -88893
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



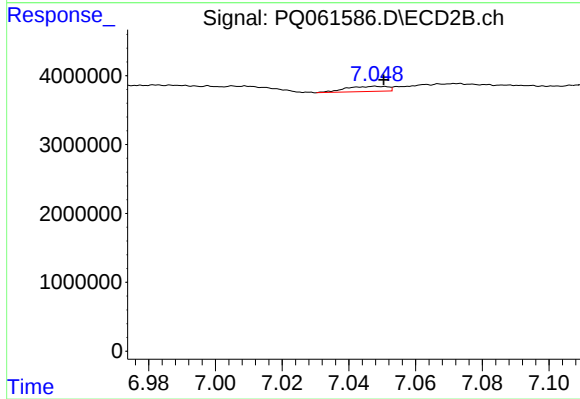
#43 AR-1268-3

R.T.: 6.758 min
Delta R.T.: 0.000 min
Response: 855919
Conc: 2.19 ng/ml



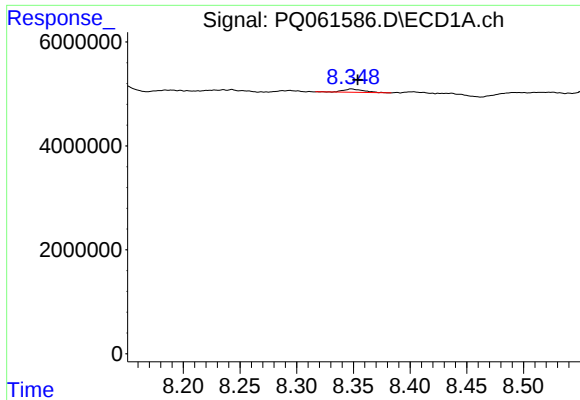
#44 AR-1268-4

R.T.: 8.056 min
Delta R.T.: -0.006 min
Response: 1467544
Conc: 8.29 ng/ml



#44 AR-1268-4

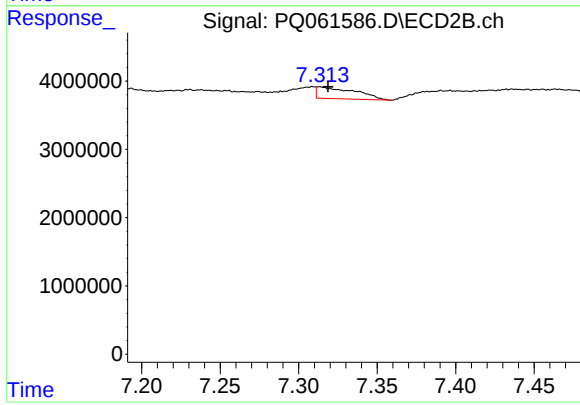
R.T.: 7.048 min
Delta R.T.: -0.002 min
Response: 646083
Conc: 3.85 ng/ml



#45 AR-1268-5

R.T.: 8.348 min
Delta R.T.: -0.006 min
Response: 792240
Conc: 0.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.313 min
Delta R.T.: -0.005 min
Response: 2879949
Conc: 2.32 ng/ml