

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070523\
 Data File : PQ061939.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Jul 2023 22:41
 Operator : YP\AJ
 Sample : 03510-16
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 06 03:22:30 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 04 05:32:27 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	2.759	66091049	41241084	13.548	16.437
2)	SA Decachlor...	8.582	7.528	29902068	27173121	8.231	8.155
Target Compounds							
3)	L1 AR-1016-1	4.506	3.762	-121504	1945591	N.D.	19.657 #
4)	L1 AR-1016-2	4.524	3.777	3724373	3078715	15.062	21.350 #
5)	L1 AR-1016-3	4.582	3.937	2446574	1687440	16.053	22.367 #
6)	L1 AR-1016-4	4.672	3.986	3280417	1744270	26.171	26.557
7)	L1 AR-1016-5	4.960	4.181	3259459	2344111	26.779	28.593
8)	L2 AR-1221-1	3.591	2.958	1697791	87071	28.246	2.639 #
9)	L2 AR-1221-2	3.683	3.046	1678312	73583	37.352	2.897 #
10)	L2 AR-1221-3	3.754	3.106	2998875	1269439	21.342	16.467
11)	L3 AR-1232-1	3.754	3.106	2998875	1269439	28.398	22.155
12)	L3 AR-1232-2	4.246	3.777	5636570	3078715	95.291	46.258 #
13)	L3 AR-1232-3	4.524	3.937	3724373	1687440	32.936	48.833 #
14)	L3 AR-1232-4	4.672	4.022	3280417	1575687	57.890	52.982
15)	L3 AR-1232-5	4.771	4.181	2709526	2344111	67.654	65.733
16)	L4 AR-1242-1	4.506	3.762	-121504	1945591	N.D.	25.157 #
17)	L4 AR-1242-2	4.524	3.777	3724373	3078715	19.184	27.697 #
18)	L4 AR-1242-3	4.582	3.937	2446574	1687440	20.246	28.808 #
19)	L4 AR-1242-4	4.672	4.022	3280417	1575687	33.650	26.876
20)	L4 AR-1242-5	5.388	4.516	1672921	1102298	17.475	13.298
21)	L5 AR-1248-1	4.506	3.762	-121504	1945591	N.D.	31.119 #
22)	L5 AR-1248-2	4.771	3.986	2709526	1744270	18.860	18.602
23)	L5 AR-1248-3	4.960	4.022	3259459	1575687	18.763	17.402
24)	L5 AR-1248-4	5.358	4.181	827746	2344111	4.313	20.774 #
25)	L5 AR-1248-5	5.388	4.554	1672921	829954	9.236	7.408
26)	L6 AR-1254-1	5.326	4.516	2722801	1102298	14.653	6.827 #
27)	L6 AR-1254-2	5.540	4.665	2131824	879480	7.333	5.974
28)	L6 AR-1254-3	5.898	5.044	3098562	2231061	10.088	9.547
29)	L6 AR-1254-4	6.181	5.268	1824879	694485	7.859	4.557 #
30)	L6 AR-1254-5	6.595	5.674	1236236	1264068	4.813	5.477
31)	L7 AR-1260-1	6.060	5.173	693099	1803392	2.938	10.828 #
32)	L7 AR-1260-2	6.324	5.363	1063286	891561	3.682	4.287
33)	L7 AR-1260-3	6.675	5.502	460862	1171707	2.610	6.022 #
34)	L7 AR-1260-4	6.892	5.966	367666	641311	1.745	4.397 #
35)	L7 AR-1260-5	7.203	6.210	1450778	892539	3.533	2.688
36)	L8 AR-1262-1	6.675	5.725	460862	386814	1.511	1.664
37)	L8 AR-1262-2	7.203	5.966	1450778	641311	2.754	2.966
38)	L8 AR-1262-3	7.483	6.485	659854	133551	1.873	0.766 #
39)	L8 AR-1262-4	7.551	6.549	206576	587044	0.775	1.821 #
40)	L8 AR-1262-5	8.059	7.042	567621	416724	3.198	2.687
41)	L9 AR-1268-1	7.483	6.485	659854	133551	1.163	0.284 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070523\
Data File : PQ061939.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Jul 2023 22:41
Operator : YP\AJ
Sample : 03510-16
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 06 03:22:30 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 04 05:32:27 2023
Response via : Initial Calibration
Integrator: ChemStation

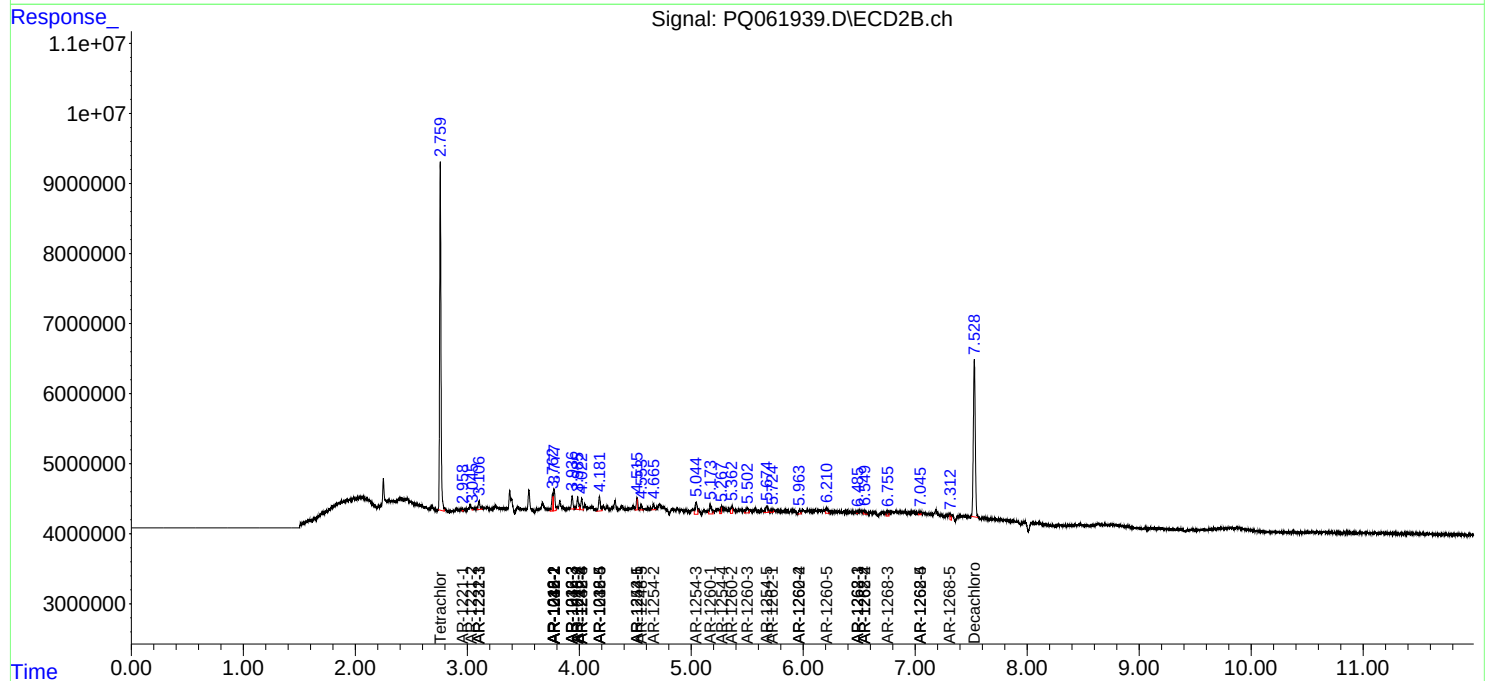
Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

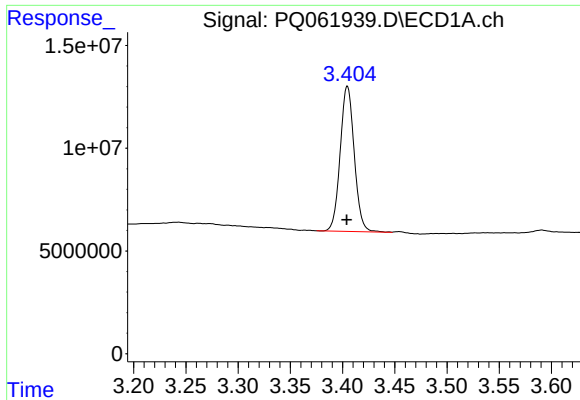
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42)	L9 AR-1268-2	7.551	6.549	206576	587044	0.405	1.386 #
43)	L9 AR-1268-3	7.768f	6.756	95588	803933	0.224	2.183 #
44)	L9 AR-1268-4	8.059	7.042	567621	416724	3.102	2.606
45)	L9 AR-1268-5	8.348	7.313	717672	574015	0.569	0.492

(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

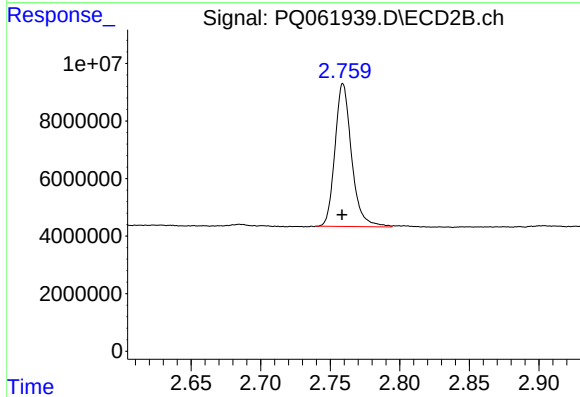




#1 Tetrachloro-m-xylene

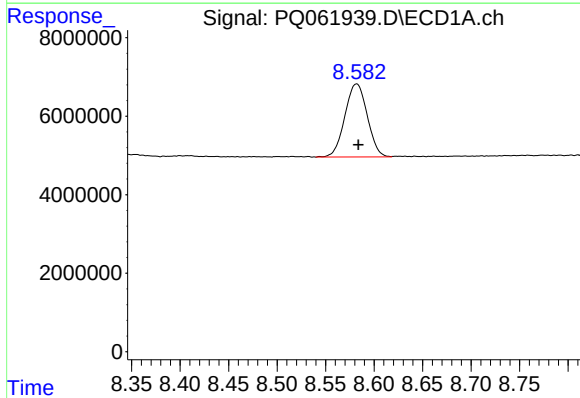
R.T.: 3.405 min
Delta R.T.: 0.000 min
Response: 66091049
Conc: 13.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



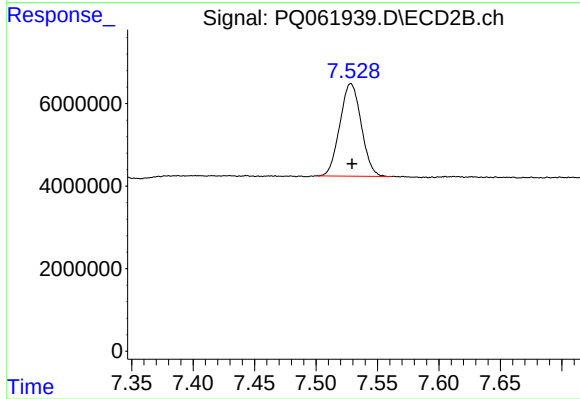
#1 Tetrachloro-m-xylene

R.T.: 2.759 min
Delta R.T.: 0.000 min
Response: 41241084
Conc: 16.44 ng/ml



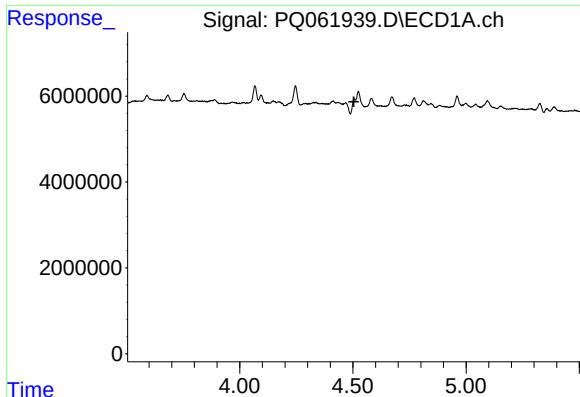
#2 Decachlorobiphenyl

R.T.: 8.582 min
Delta R.T.: -0.002 min
Response: 29902068
Conc: 8.23 ng/ml



#2 Decachlorobiphenyl

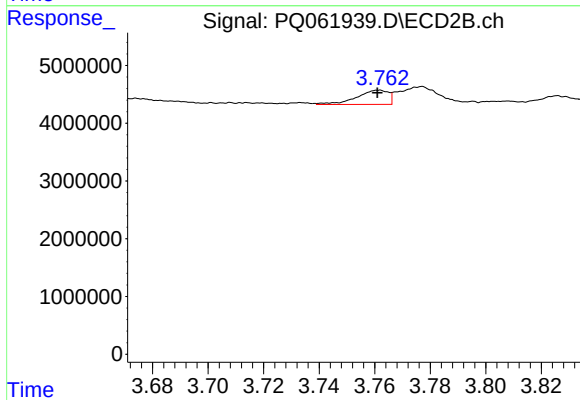
R.T.: 7.528 min
Delta R.T.: 0.000 min
Response: 27173121
Conc: 8.15 ng/ml



#3 AR-1016-1

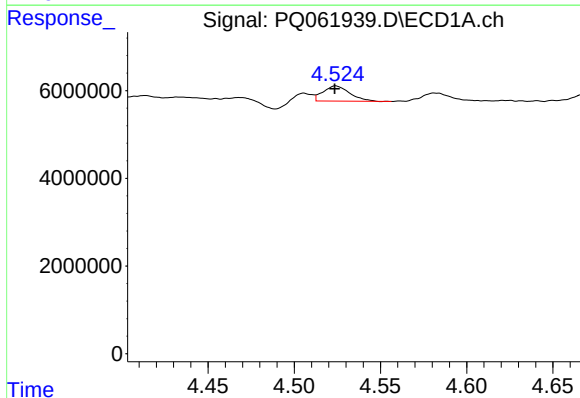
R.T.: 4.506 min
Delta R.T.: 0.001 min
Response: -121504
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



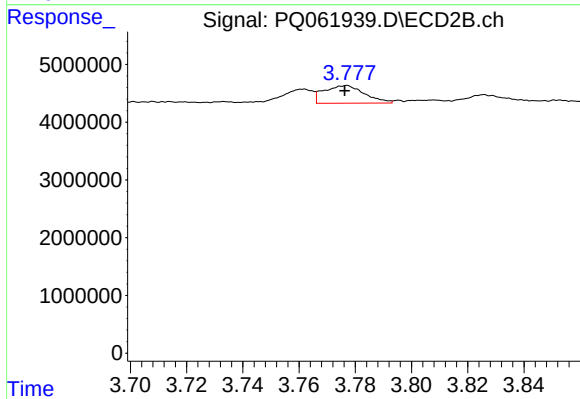
#3 AR-1016-1

R.T.: 3.762 min
Delta R.T.: 0.001 min
Response: 1945591
Conc: 19.66 ng/ml



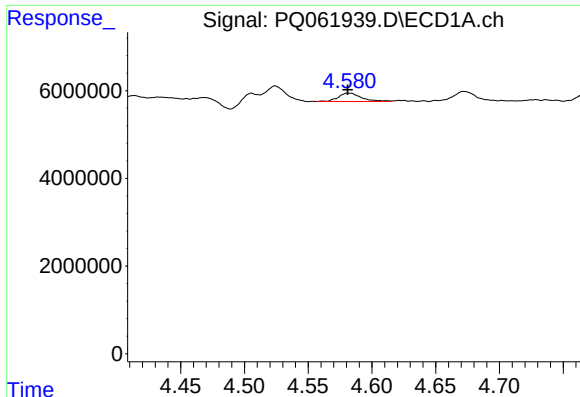
#4 AR-1016-2

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 3724373
Conc: 15.06 ng/ml



#4 AR-1016-2

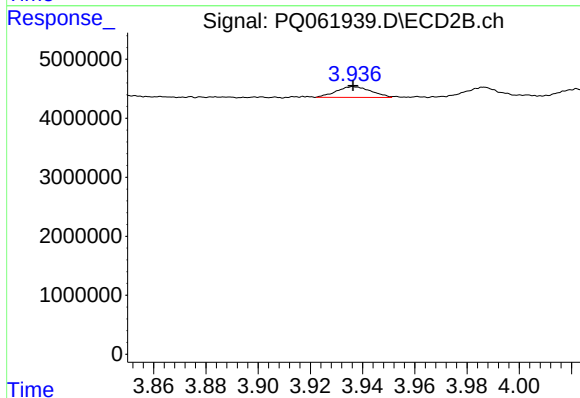
R.T.: 3.777 min
Delta R.T.: 0.001 min
Response: 3078715
Conc: 21.35 ng/ml



#5 AR-1016-3

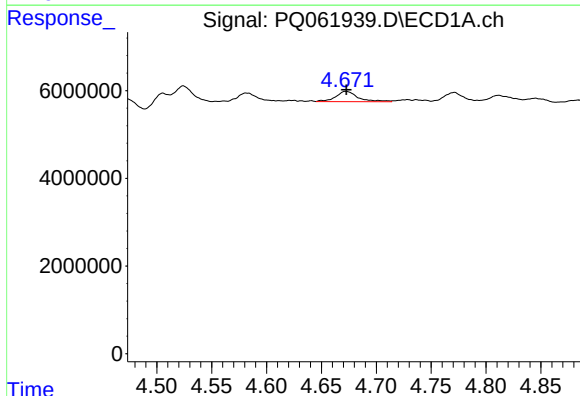
R.T.: 4.582 min
Delta R.T.: 0.000 min
Response: 2446574
Conc: 16.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



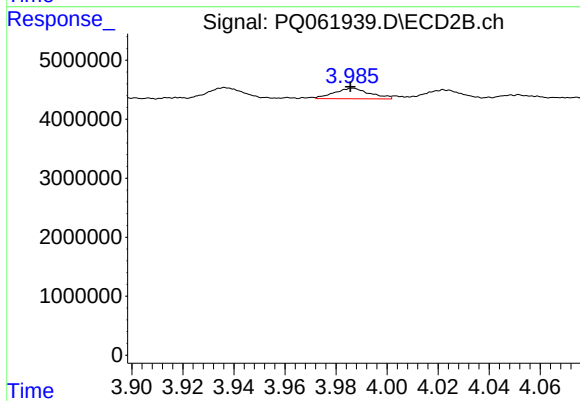
#5 AR-1016-3

R.T.: 3.937 min
Delta R.T.: 0.000 min
Response: 1687440
Conc: 22.37 ng/ml



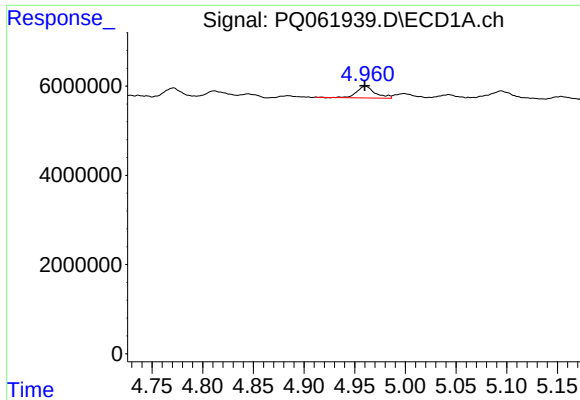
#6 AR-1016-4

R.T.: 4.672 min
Delta R.T.: 0.000 min
Response: 3280417
Conc: 26.17 ng/ml



#6 AR-1016-4

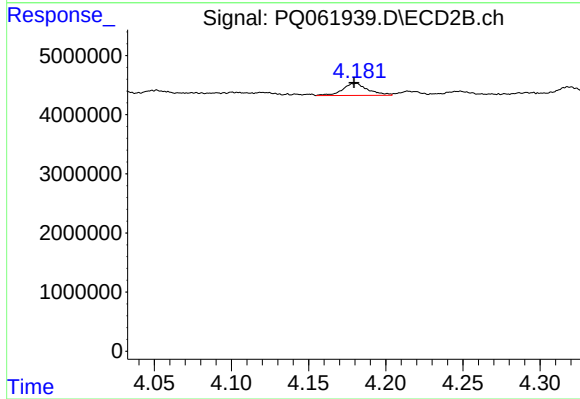
R.T.: 3.986 min
Delta R.T.: 0.000 min
Response: 1744270
Conc: 26.56 ng/ml



#7 AR-1016-5

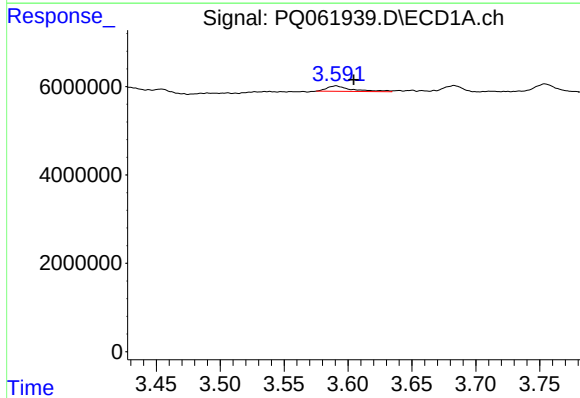
R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 3259459
Conc: 26.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



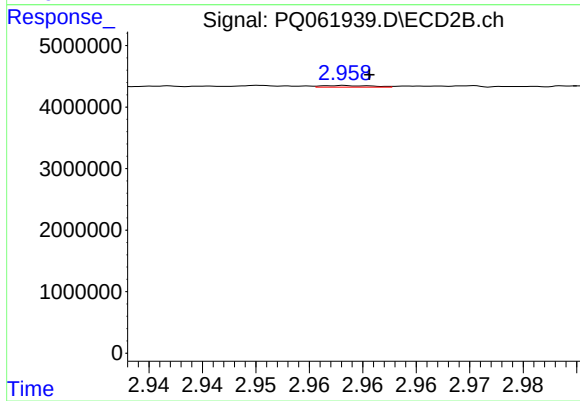
#7 AR-1016-5

R.T.: 4.181 min
Delta R.T.: 0.002 min
Response: 2344111
Conc: 28.59 ng/ml



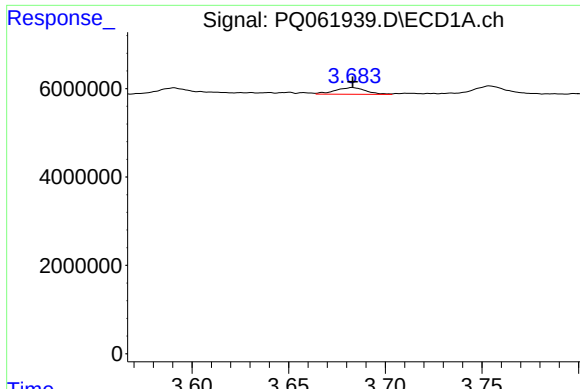
#8 AR-1221-1

R.T.: 3.591 min
Delta R.T.: -0.014 min
Response: 1697791
Conc: 28.25 ng/ml



#8 AR-1221-1

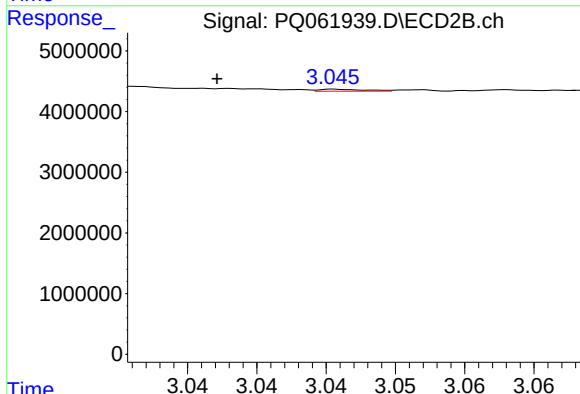
R.T.: 2.958 min
Delta R.T.: -0.002 min
Response: 87071
Conc: 2.64 ng/ml



#9 AR-1221-2

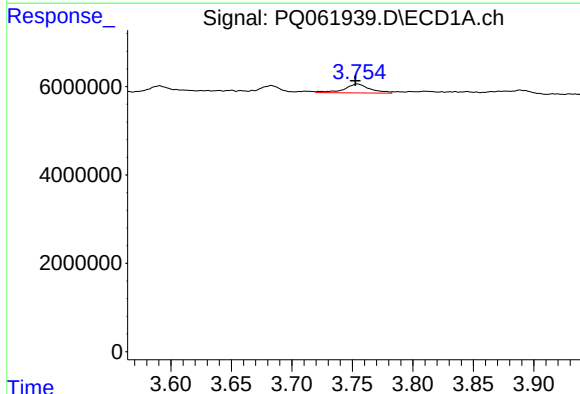
R.T.: 3.683 min
Delta R.T.: 0.000 min
Response: 1678312
Conc: 37.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



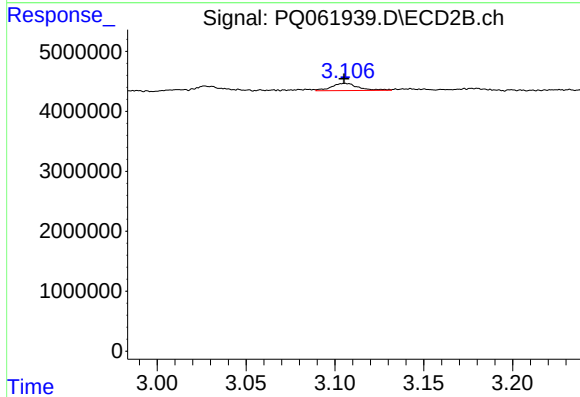
#9 AR-1221-2

R.T.: 3.046 min
Delta R.T.: 0.009 min
Response: 73583
Conc: 2.90 ng/ml



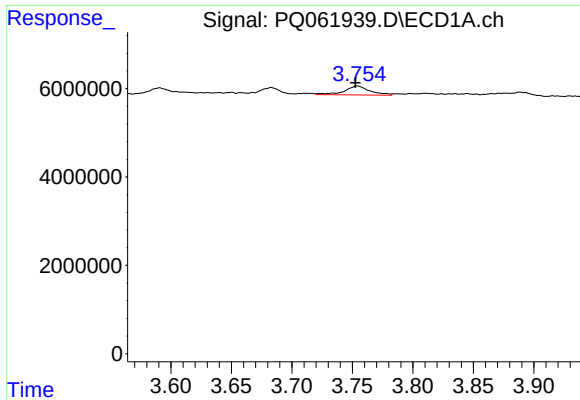
#10 AR-1221-3

R.T.: 3.754 min
Delta R.T.: 0.002 min
Response: 2998875
Conc: 21.34 ng/ml



#10 AR-1221-3

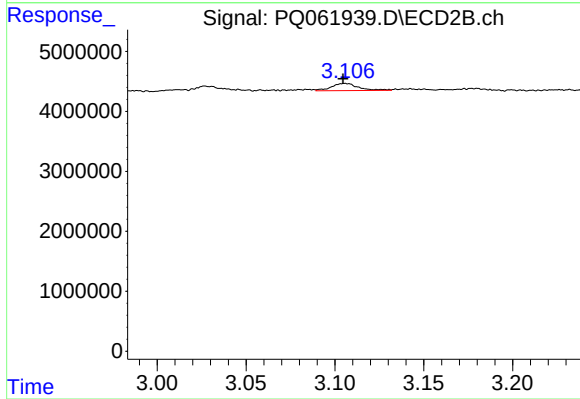
R.T.: 3.106 min
Delta R.T.: 0.000 min
Response: 1269439
Conc: 16.47 ng/ml



#11 AR-1232-1

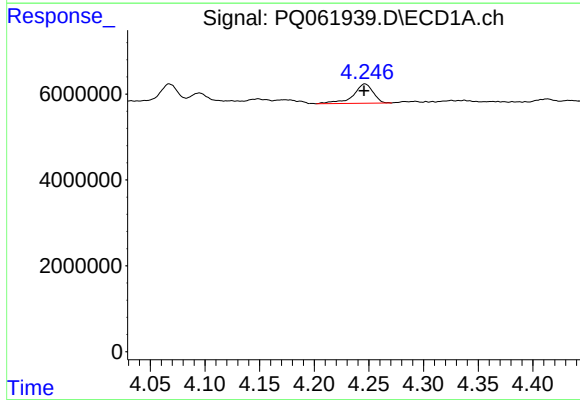
R.T.: 3.754 min
Delta R.T.: 0.002 min
Response: 2998875
Conc: 28.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



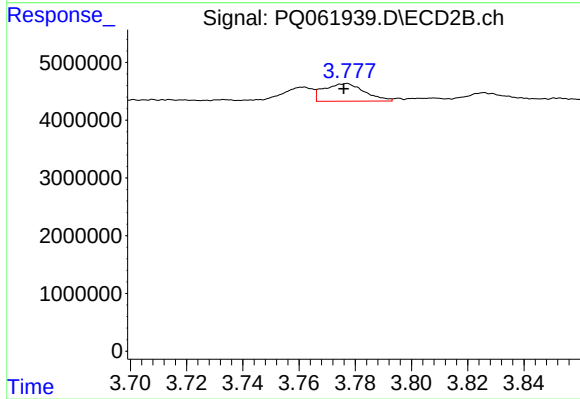
#11 AR-1232-1

R.T.: 3.106 min
Delta R.T.: 0.001 min
Response: 1269439
Conc: 22.15 ng/ml



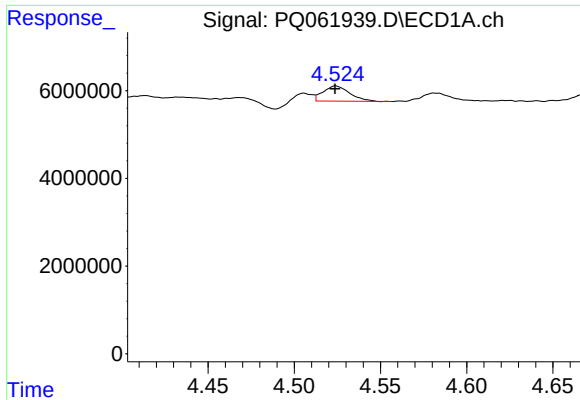
#12 AR-1232-2

R.T.: 4.246 min
Delta R.T.: 0.000 min
Response: 5636570
Conc: 95.29 ng/ml



#12 AR-1232-2

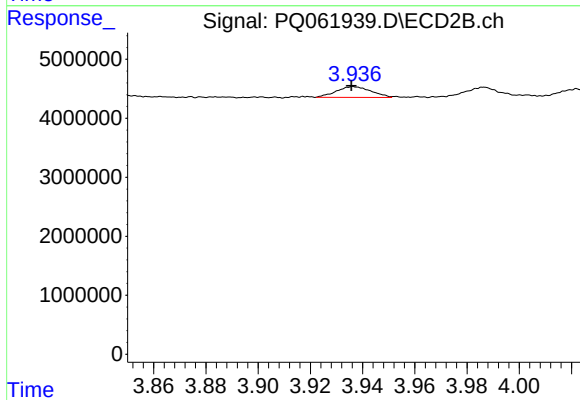
R.T.: 3.777 min
Delta R.T.: 0.001 min
Response: 3078715
Conc: 46.26 ng/ml



#13 AR-1232-3

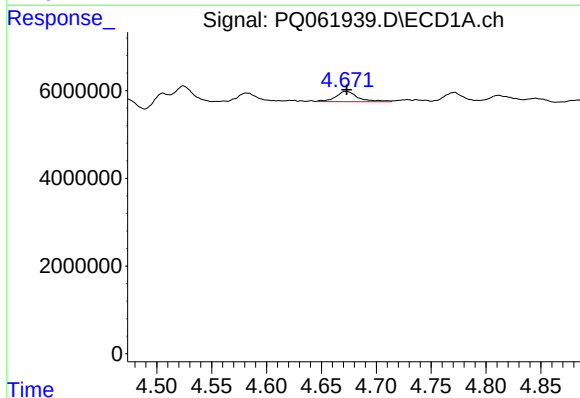
R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 3724373
Conc: 32.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



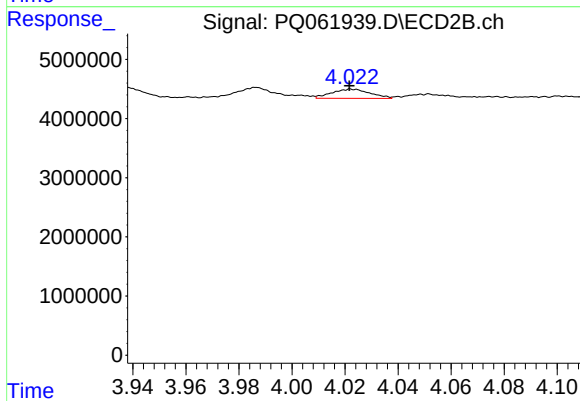
#13 AR-1232-3

R.T.: 3.937 min
Delta R.T.: 0.000 min
Response: 1687440
Conc: 48.83 ng/ml



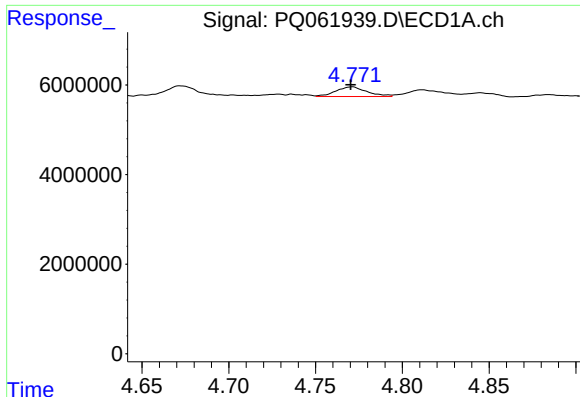
#14 AR-1232-4

R.T.: 4.672 min
Delta R.T.: 0.000 min
Response: 3280417
Conc: 57.89 ng/ml



#14 AR-1232-4

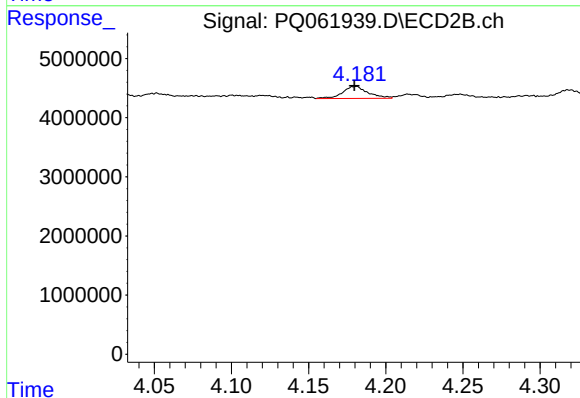
R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 1575687
Conc: 52.98 ng/ml



#15 AR-1232-5

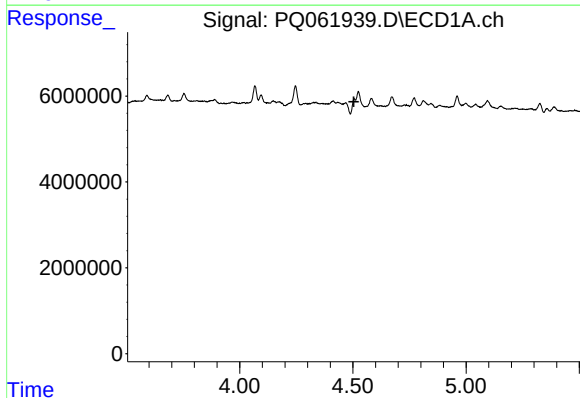
R.T.: 4.771 min
Delta R.T.: 0.000 min
Response: 2709526
Conc: 67.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



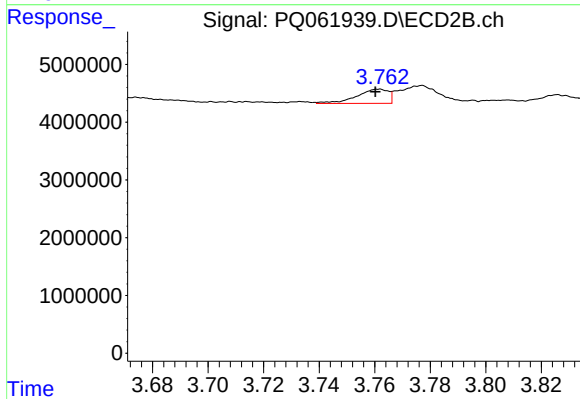
#15 AR-1232-5

R.T.: 4.181 min
Delta R.T.: 0.002 min
Response: 2344111
Conc: 65.73 ng/ml



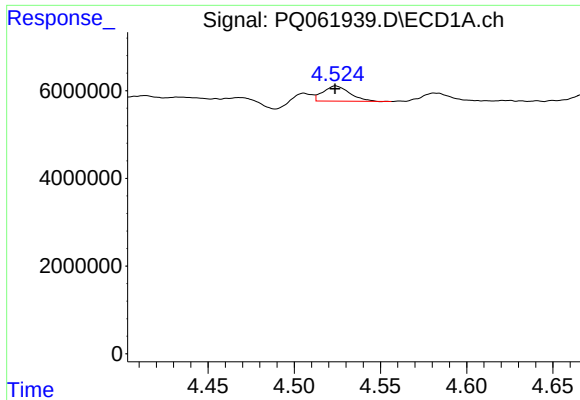
#16 AR-1242-1

R.T.: 4.506 min
Delta R.T.: 0.000 min
Response: -121504
Conc: N.D.



#16 AR-1242-1

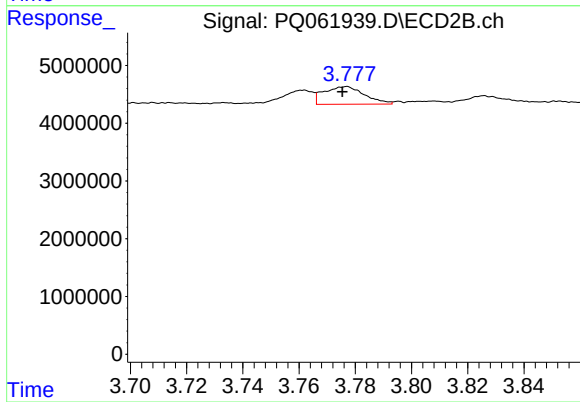
R.T.: 3.762 min
Delta R.T.: 0.002 min
Response: 1945591
Conc: 25.16 ng/ml



#17 AR-1242-2

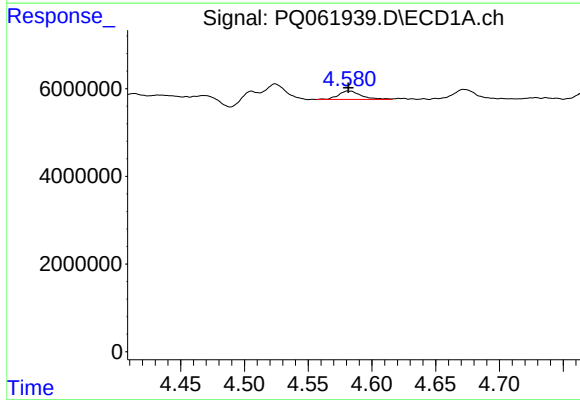
R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 3724373
Conc: 19.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



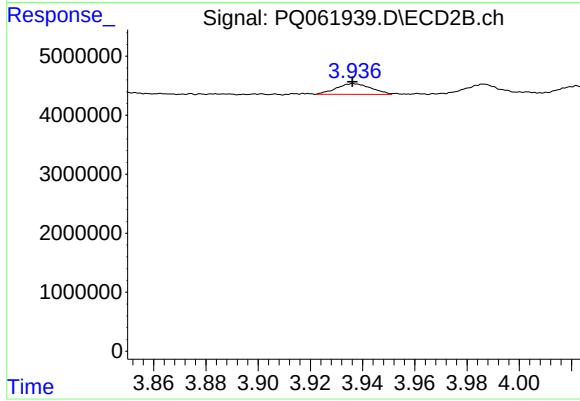
#17 AR-1242-2

R.T.: 3.777 min
Delta R.T.: 0.002 min
Response: 3078715
Conc: 27.70 ng/ml



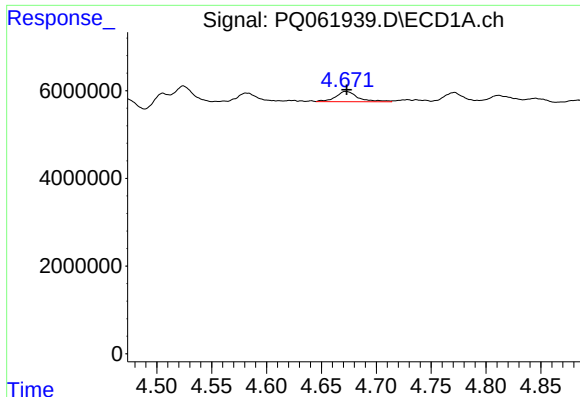
#18 AR-1242-3

R.T.: 4.582 min
Delta R.T.: 0.000 min
Response: 2446574
Conc: 20.25 ng/ml



#18 AR-1242-3

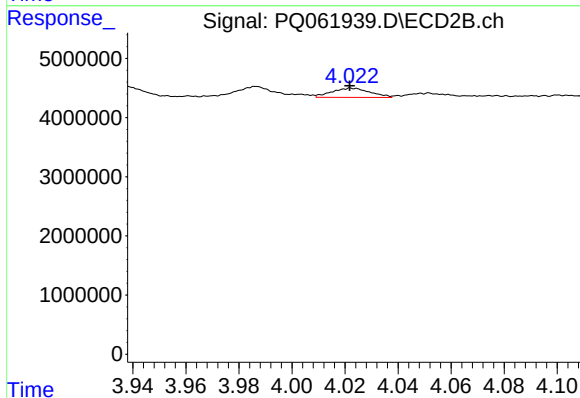
R.T.: 3.937 min
Delta R.T.: 0.000 min
Response: 1687440
Conc: 28.81 ng/ml



#19 AR-1242-4

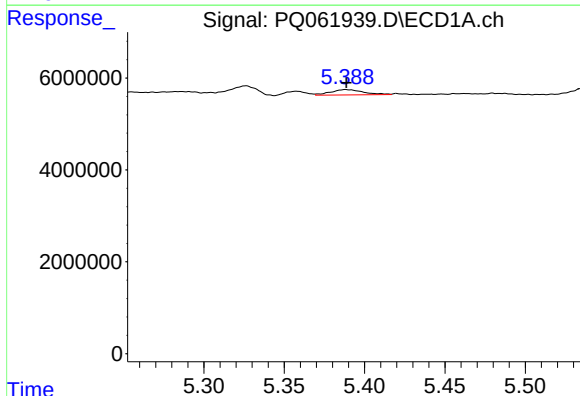
R.T.: 4.672 min
Delta R.T.: 0.000 min
Response: 3280417
Conc: 33.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



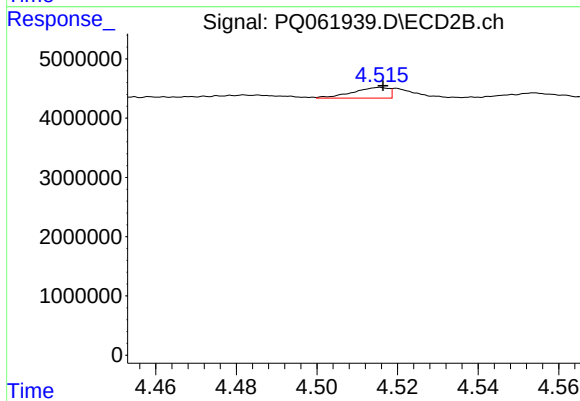
#19 AR-1242-4

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 1575687
Conc: 26.88 ng/ml



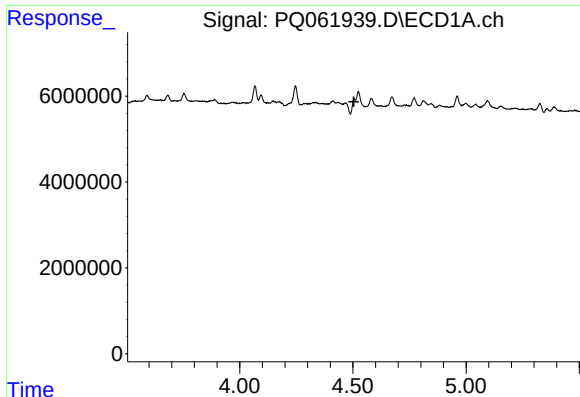
#20 AR-1242-5

R.T.: 5.388 min
Delta R.T.: 0.000 min
Response: 1672921
Conc: 17.48 ng/ml



#20 AR-1242-5

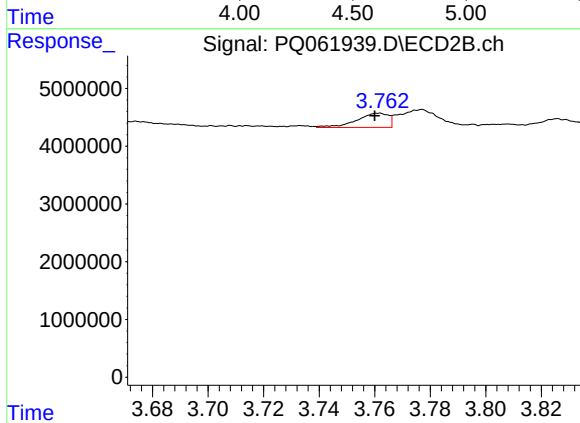
R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 1102298
Conc: 13.30 ng/ml



#21 AR-1248-1

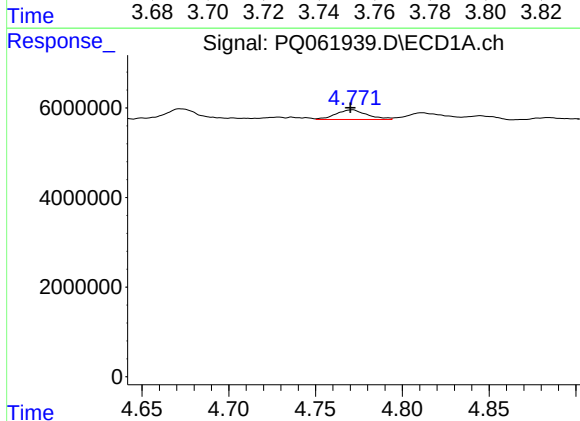
R.T.: 4.506 min
Delta R.T.: 0.000 min
Response: -121504
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



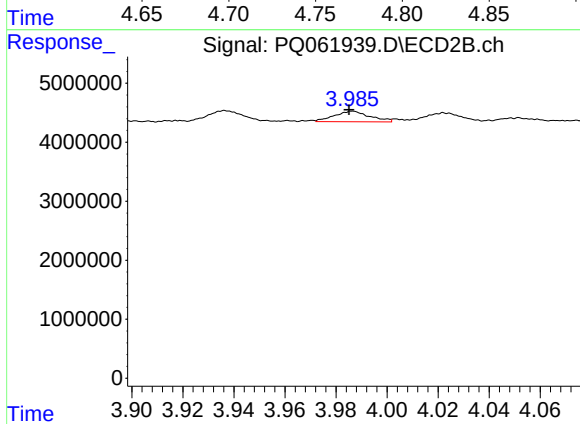
#21 AR-1248-1

R.T.: 3.762 min
Delta R.T.: 0.002 min
Response: 1945591
Conc: 31.12 ng/ml



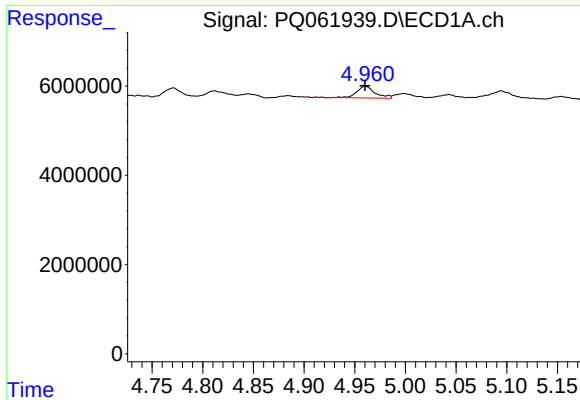
#22 AR-1248-2

R.T.: 4.771 min
Delta R.T.: 0.000 min
Response: 2709526
Conc: 18.86 ng/ml



#22 AR-1248-2

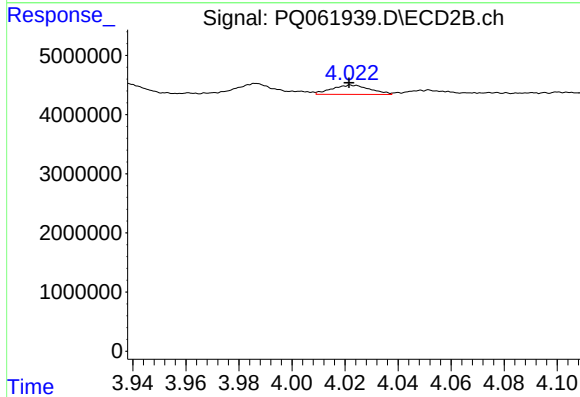
R.T.: 3.986 min
Delta R.T.: 0.001 min
Response: 1744270
Conc: 18.60 ng/ml



#23 AR-1248-3

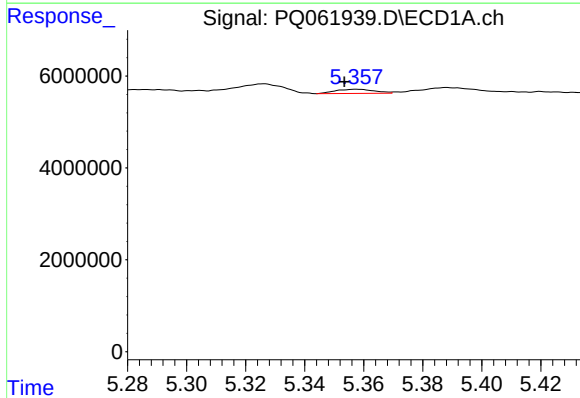
R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 3259459
Conc: 18.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



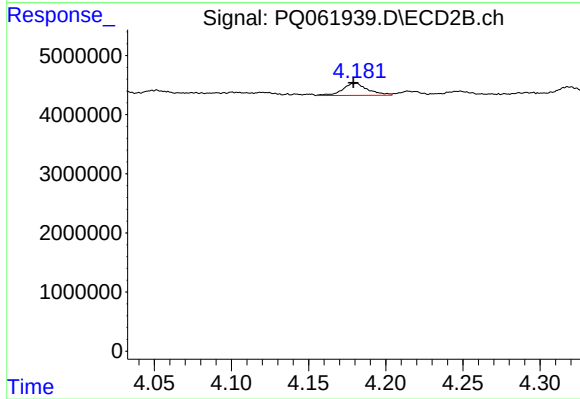
#23 AR-1248-3

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 1575687
Conc: 17.40 ng/ml



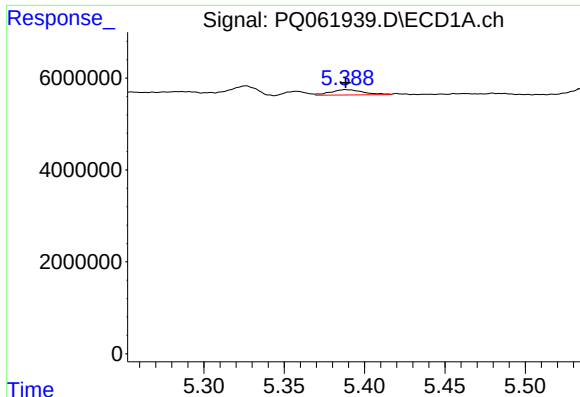
#24 AR-1248-4

R.T.: 5.358 min
Delta R.T.: 0.004 min
Response: 827746
Conc: 4.31 ng/ml



#24 AR-1248-4

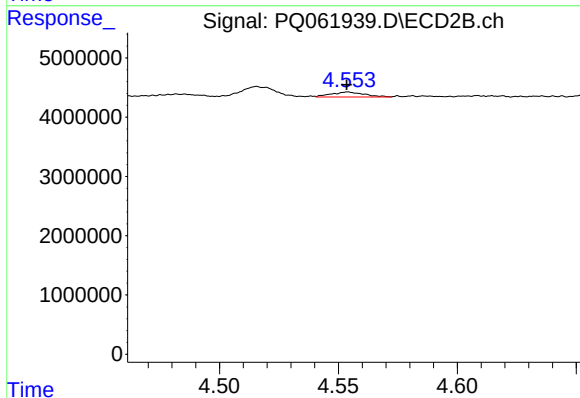
R.T.: 4.181 min
Delta R.T.: 0.002 min
Response: 2344111
Conc: 20.77 ng/ml



#25 AR-1248-5

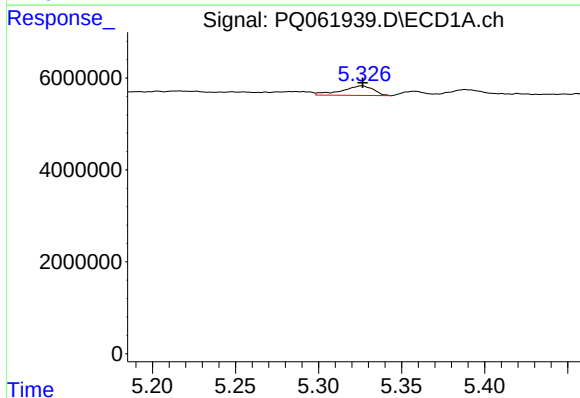
R.T.: 5.388 min
Delta R.T.: 0.000 min
Response: 1672921
Conc: 9.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



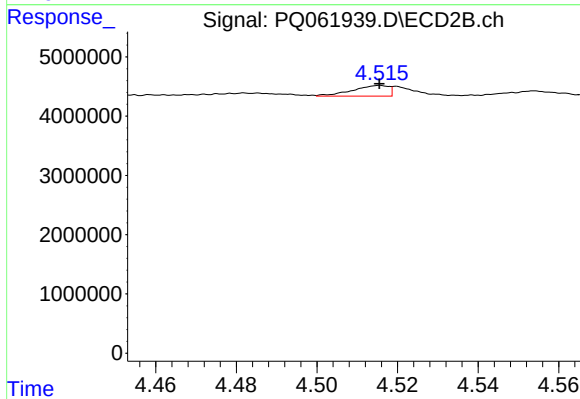
#25 AR-1248-5

R.T.: 4.554 min
Delta R.T.: 0.000 min
Response: 829954
Conc: 7.41 ng/ml



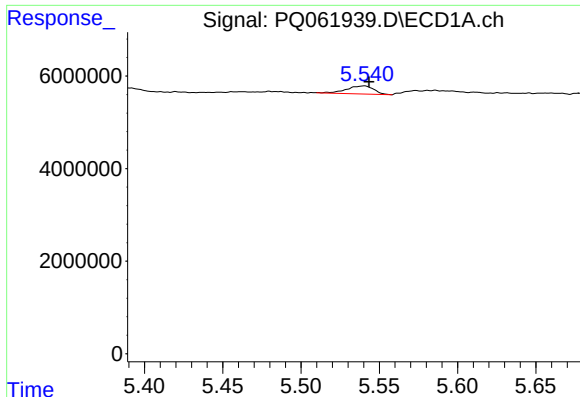
#26 AR-1254-1

R.T.: 5.326 min
Delta R.T.: 0.000 min
Response: 2722801
Conc: 14.65 ng/ml



#26 AR-1254-1

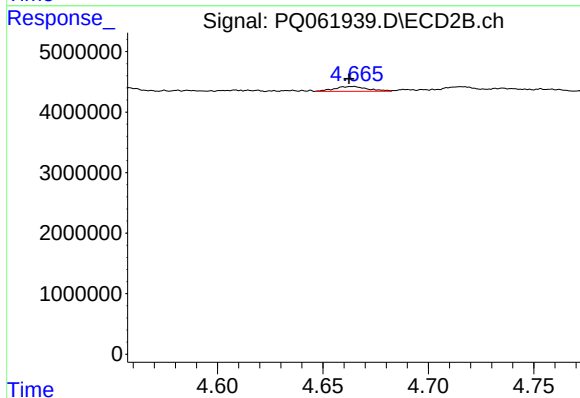
R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 1102298
Conc: 6.83 ng/ml



#27 AR-1254-2

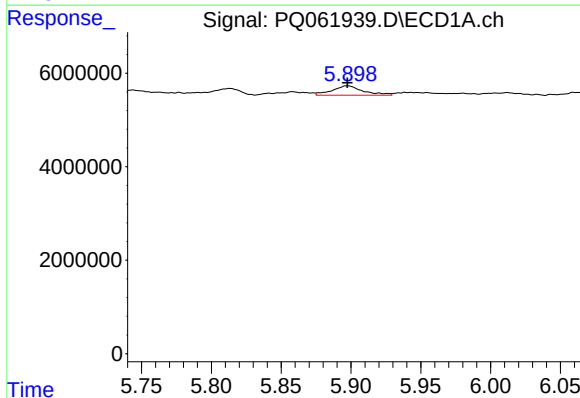
R.T.: 5.540 min
Delta R.T.: -0.003 min
Response: 2131824
Conc: 7.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



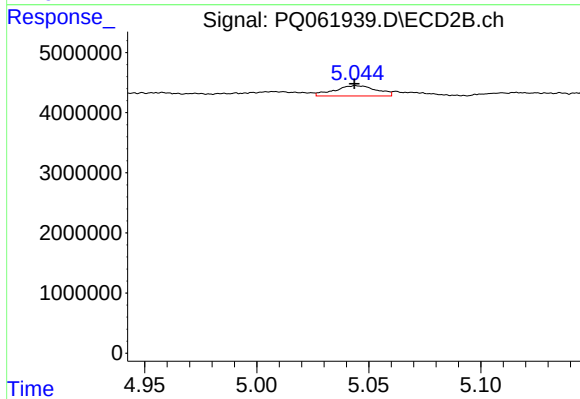
#27 AR-1254-2

R.T.: 4.665 min
Delta R.T.: 0.002 min
Response: 879480
Conc: 5.97 ng/ml



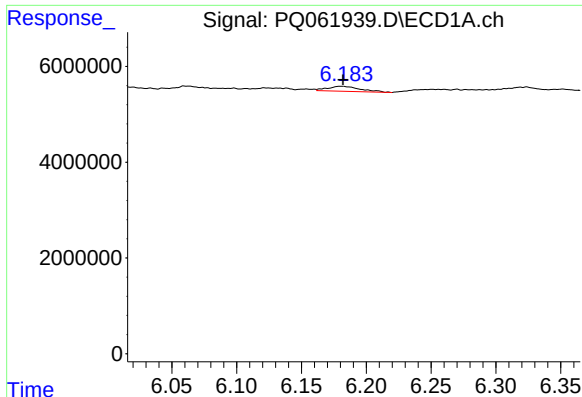
#28 AR-1254-3

R.T.: 5.898 min
Delta R.T.: 0.000 min
Response: 3098562
Conc: 10.09 ng/ml



#28 AR-1254-3

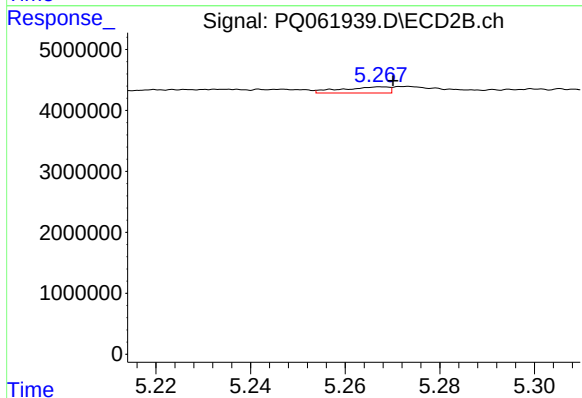
R.T.: 5.044 min
Delta R.T.: 0.000 min
Response: 2231061
Conc: 9.55 ng/ml



#29 AR-1254-4

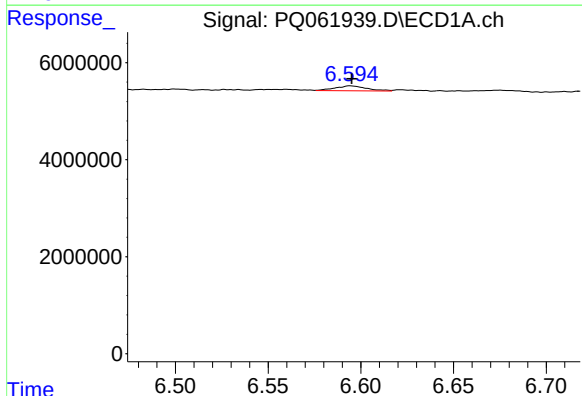
R.T.: 6.181 min
Delta R.T.: -0.001 min
Response: 1824879
Conc: 7.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



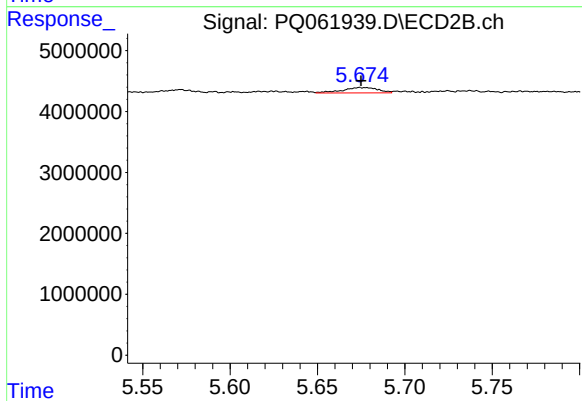
#29 AR-1254-4

R.T.: 5.268 min
Delta R.T.: -0.002 min
Response: 694485
Conc: 4.56 ng/ml



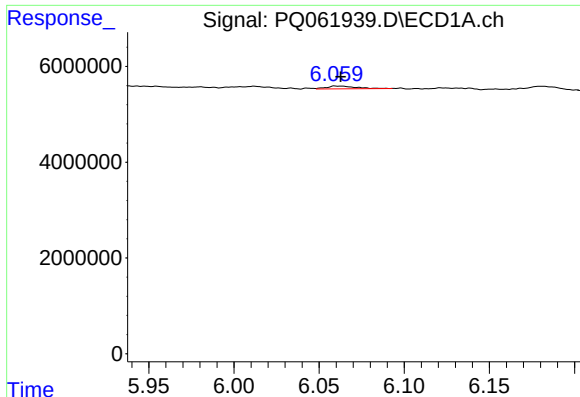
#30 AR-1254-5

R.T.: 6.595 min
Delta R.T.: 0.000 min
Response: 1236236
Conc: 4.81 ng/ml



#30 AR-1254-5

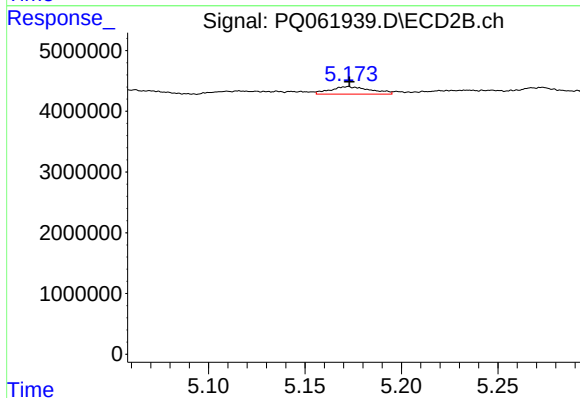
R.T.: 5.674 min
Delta R.T.: 0.000 min
Response: 1264068
Conc: 5.48 ng/ml



#31 AR-1260-1

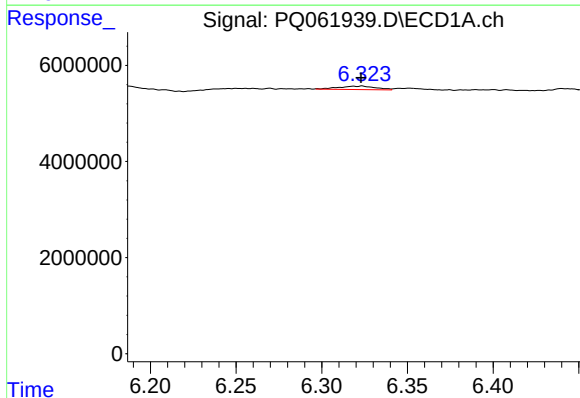
R.T.: 6.060 min
Delta R.T.: -0.003 min
Response: 693099
Conc: 2.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



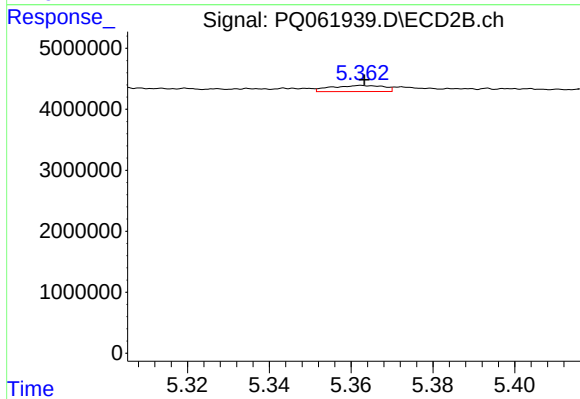
#31 AR-1260-1

R.T.: 5.173 min
Delta R.T.: 0.000 min
Response: 1803392
Conc: 10.83 ng/ml



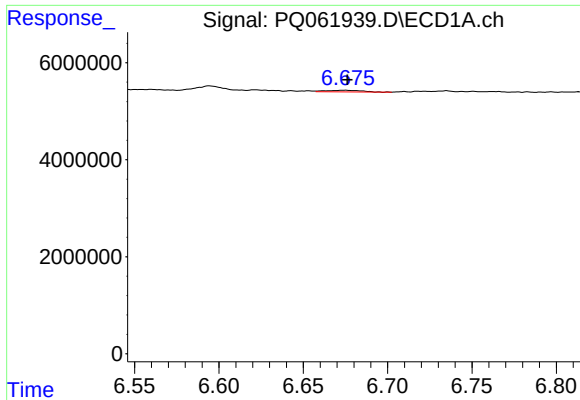
#32 AR-1260-2

R.T.: 6.324 min
Delta R.T.: 0.000 min
Response: 1063286
Conc: 3.68 ng/ml



#32 AR-1260-2

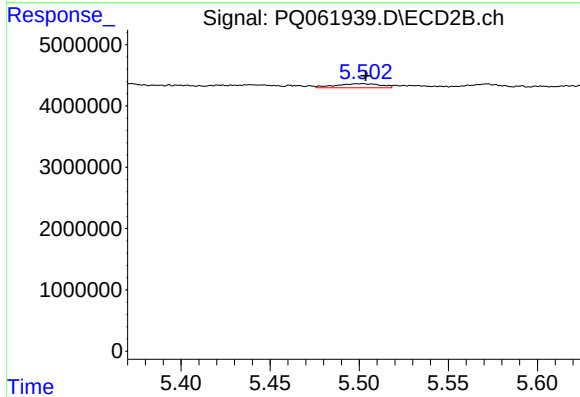
R.T.: 5.363 min
Delta R.T.: 0.000 min
Response: 891561
Conc: 4.29 ng/ml



#33 AR-1260-3

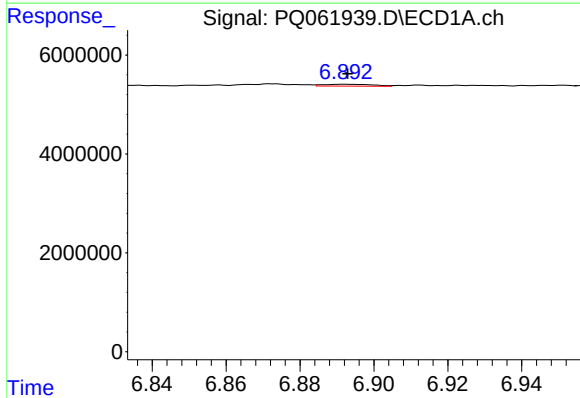
R.T.: 6.675 min
Delta R.T.: -0.001 min
Response: 460862
Conc: 2.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



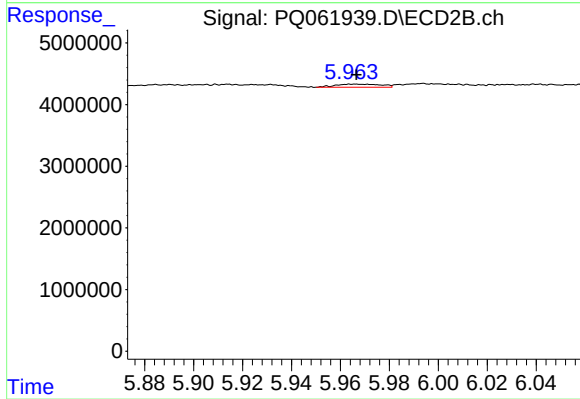
#33 AR-1260-3

R.T.: 5.502 min
Delta R.T.: -0.001 min
Response: 1171707
Conc: 6.02 ng/ml



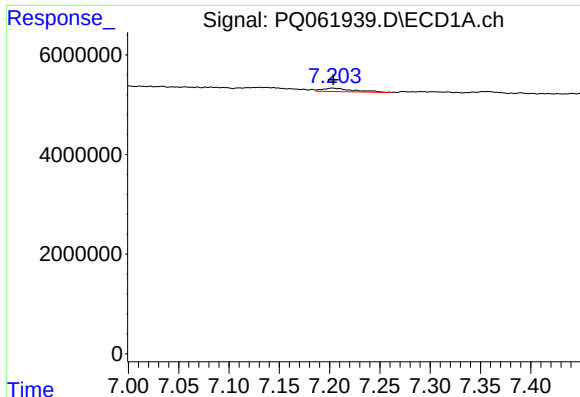
#34 AR-1260-4

R.T.: 6.892 min
Delta R.T.: 0.000 min
Response: 367666
Conc: 1.75 ng/ml



#34 AR-1260-4

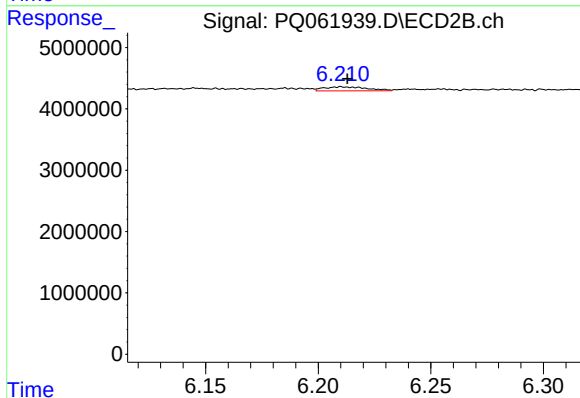
R.T.: 5.966 min
Delta R.T.: 0.000 min
Response: 641311
Conc: 4.40 ng/ml



#35 AR-1260-5

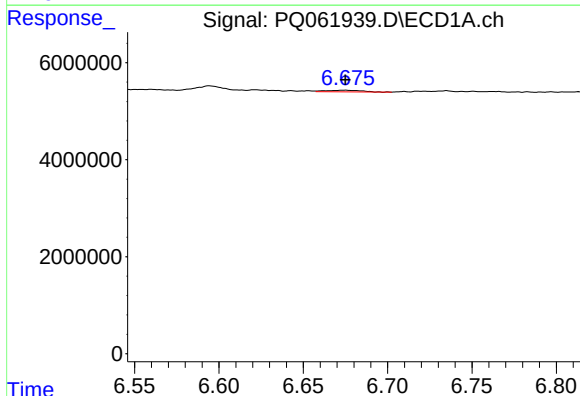
R.T.: 7.203 min
Delta R.T.: 0.000 min
Response: 1450778
Conc: 3.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



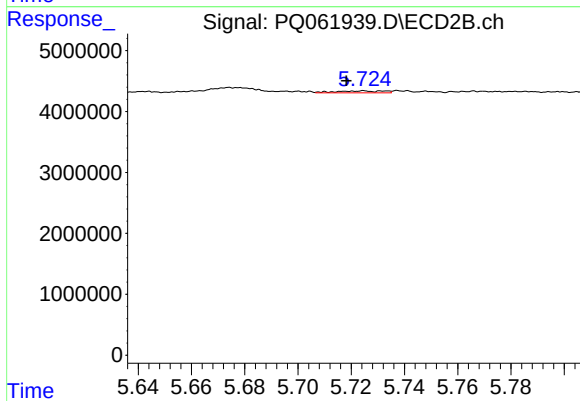
#35 AR-1260-5

R.T.: 6.210 min
Delta R.T.: -0.003 min
Response: 892539
Conc: 2.69 ng/ml



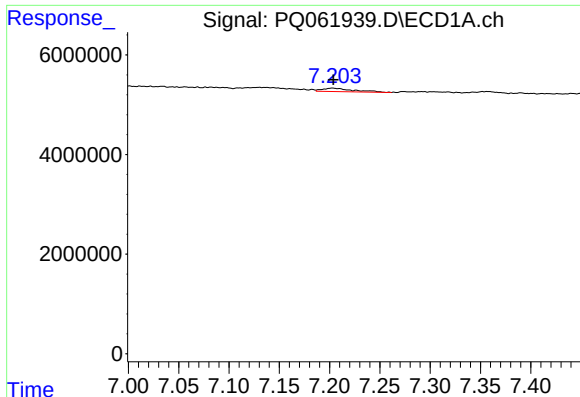
#36 AR-1262-1

R.T.: 6.675 min
Delta R.T.: 0.000 min
Response: 460862
Conc: 1.51 ng/ml



#36 AR-1262-1

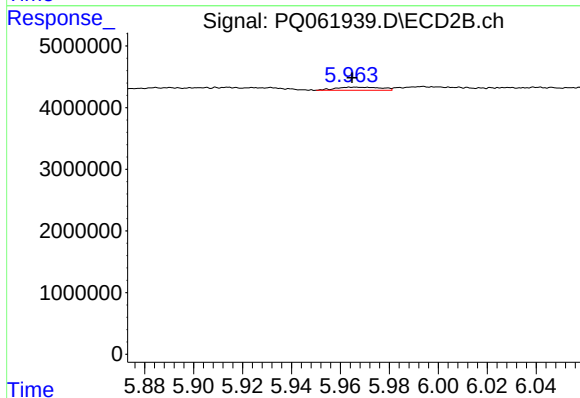
R.T.: 5.725 min
Delta R.T.: 0.007 min
Response: 386814
Conc: 1.66 ng/ml



#37 AR-1262-2

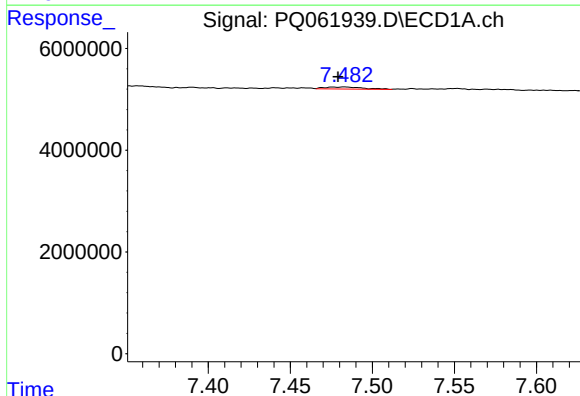
R.T.: 7.203 min
Delta R.T.: 0.000 min
Response: 1450778
Conc: 2.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



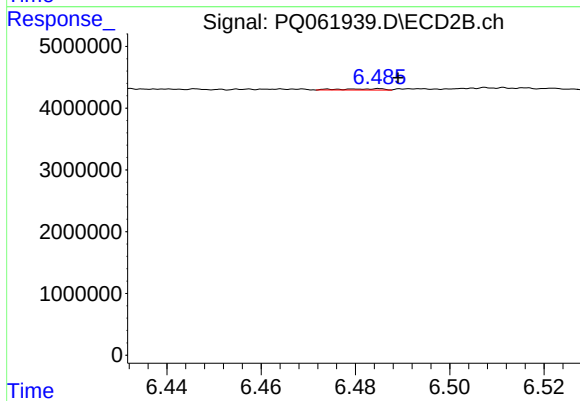
#37 AR-1262-2

R.T.: 5.966 min
Delta R.T.: 0.002 min
Response: 641311
Conc: 2.97 ng/ml



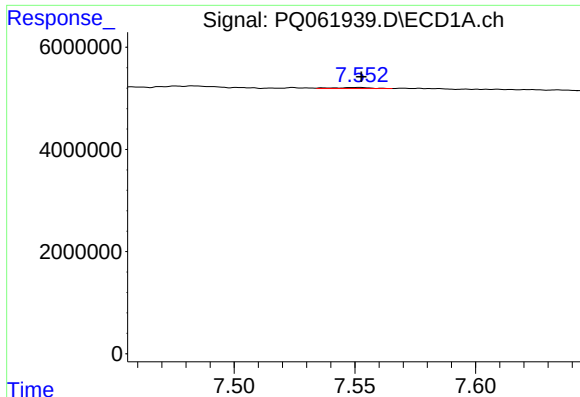
#38 AR-1262-3

R.T.: 7.483 min
Delta R.T.: 0.004 min
Response: 659854
Conc: 1.87 ng/ml



#38 AR-1262-3

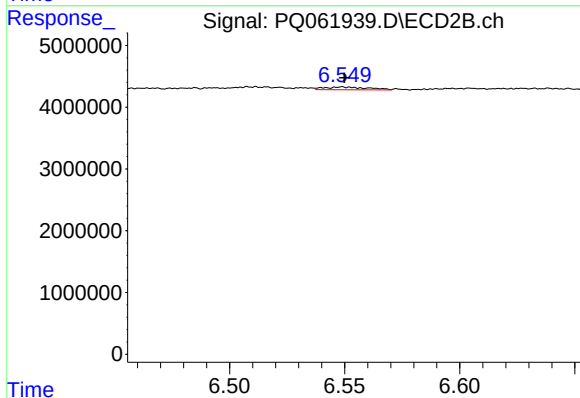
R.T.: 6.485 min
Delta R.T.: -0.004 min
Response: 133551
Conc: 0.77 ng/ml



#39 AR-1262-4

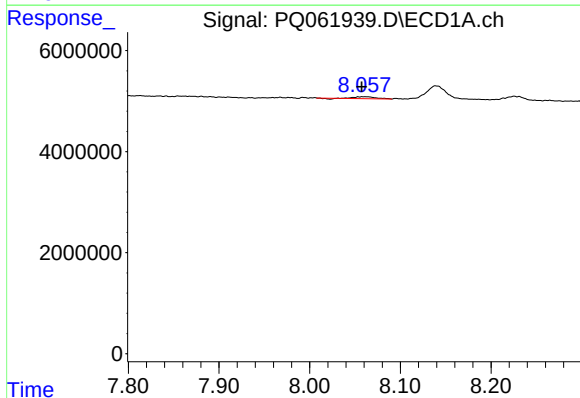
R.T.: 7.551 min
Delta R.T.: -0.001 min
Response: 206576
Conc: 0.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



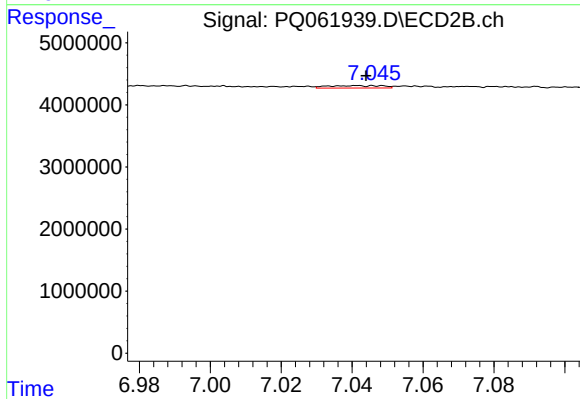
#39 AR-1262-4

R.T.: 6.549 min
Delta R.T.: 0.000 min
Response: 587044
Conc: 1.82 ng/ml



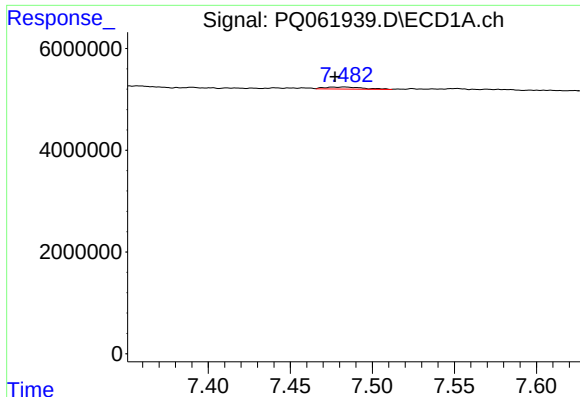
#40 AR-1262-5

R.T.: 8.059 min
Delta R.T.: 0.002 min
Response: 567621
Conc: 3.20 ng/ml



#40 AR-1262-5

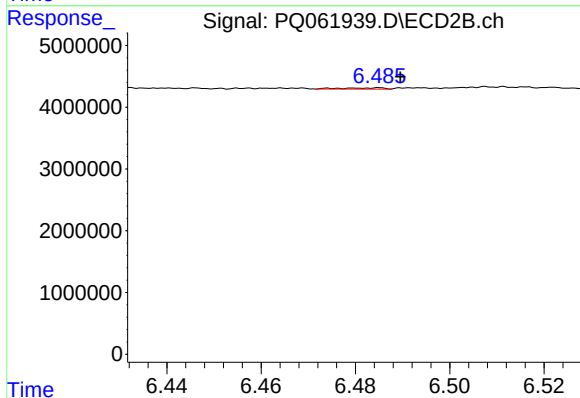
R.T.: 7.042 min
Delta R.T.: -0.002 min
Response: 416724
Conc: 2.69 ng/ml



#41 AR-1268-1

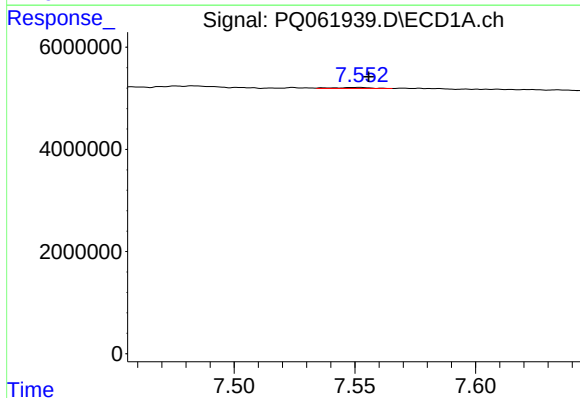
R.T.: 7.483 min
Delta R.T.: 0.006 min
Response: 659854
Conc: 1.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



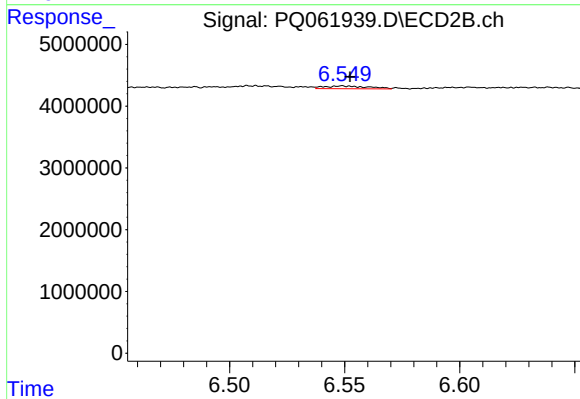
#41 AR-1268-1

R.T.: 6.485 min
Delta R.T.: -0.004 min
Response: 133551
Conc: 0.28 ng/ml



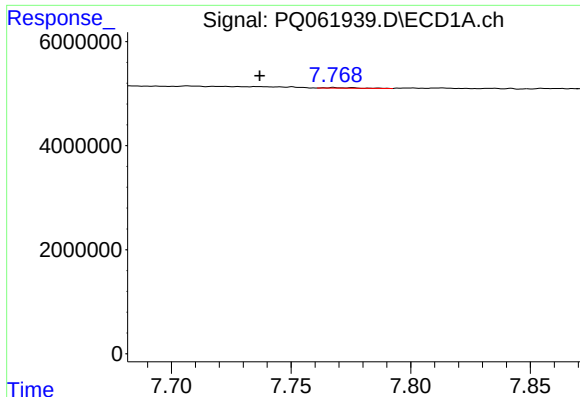
#42 AR-1268-2

R.T.: 7.551 min
Delta R.T.: -0.004 min
Response: 206576
Conc: 0.41 ng/ml



#42 AR-1268-2

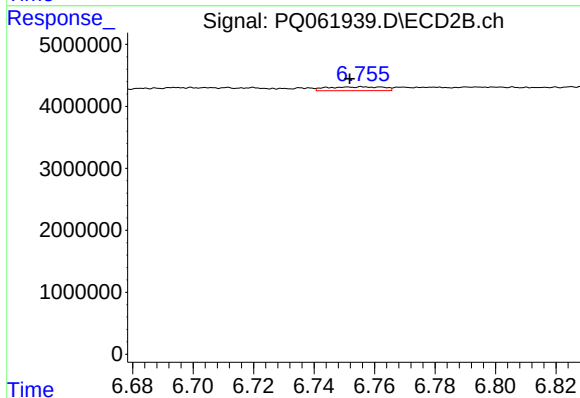
R.T.: 6.549 min
Delta R.T.: -0.003 min
Response: 587044
Conc: 1.39 ng/ml



#43 AR-1268-3

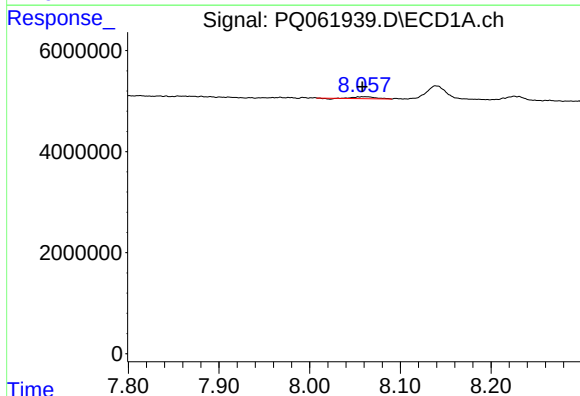
R.T.: 7.768 min
Delta R.T.: 0.031 min
Response: 95588
Conc: 0.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



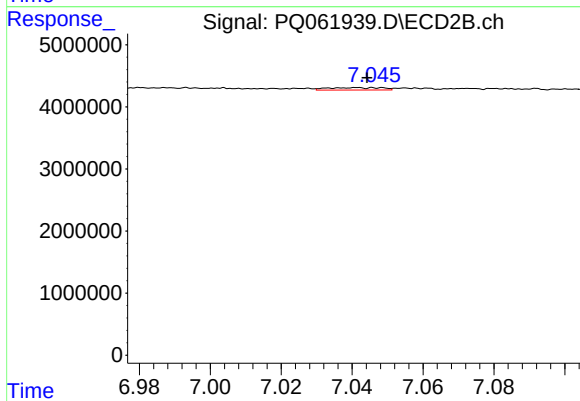
#43 AR-1268-3

R.T.: 6.756 min
Delta R.T.: 0.004 min
Response: 803933
Conc: 2.18 ng/ml



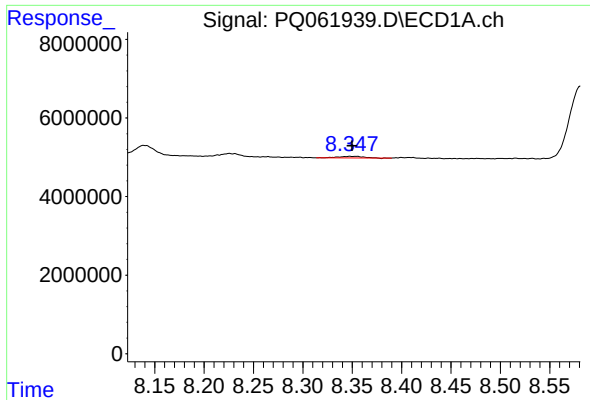
#44 AR-1268-4

R.T.: 8.059 min
Delta R.T.: 0.001 min
Response: 567621
Conc: 3.10 ng/ml



#44 AR-1268-4

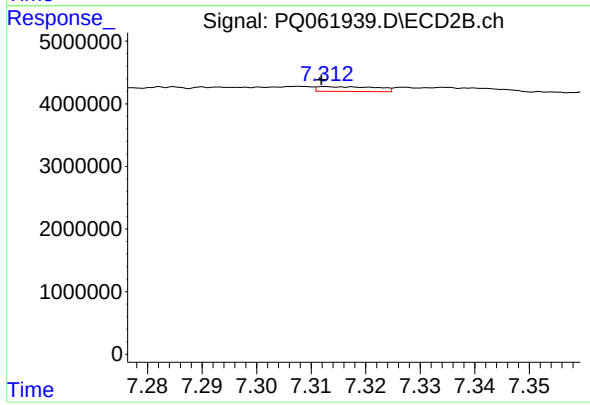
R.T.: 7.042 min
Delta R.T.: -0.003 min
Response: 416724
Conc: 2.61 ng/ml



#45 AR-1268-5

R.T.: 8.348 min
Delta R.T.: -0.002 min
Response: 717672
Conc: 0.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.313 min
Delta R.T.: 0.000 min
Response: 574015
Conc: 0.49 ng/ml