

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ092623\
 Data File : PQ063374.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Sep 2023 17:53
 Operator : YP\AJ
 Sample : 04597-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 27 01:31:46 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	97797073	73200256	20.881	21.181
2)	SA Decachlor...	8.697	7.582	66140115	64991910	18.927	18.080
Target Compounds							
3)	L1 AR-1016-1	4.582	3.799	1977354	350663	13.600	2.815 #
4)	L1 AR-1016-2	4.582	3.810	1977354	123584	8.463	0.695 #
5)	L1 AR-1016-3	4.656	3.975	368530	52537	2.565	0.544 #
6)	L1 AR-1016-4	4.741	4.018	-573771	1044323	N.D.	12.883 #
7)	L1 AR-1016-5	5.007f	4.212	32673880	6106264	278.056	60.660 #
8)	L2 AR-1221-1	3.647	2.988	717570	43450	12.542	0.934 #
9)	L2 AR-1221-2	3.745	3.063	1483493	43353	39.241	1.402 #
10)	L2 AR-1221-3	3.784f	3.135	119542	157961	0.947	1.483 #
11)	L3 AR-1232-1	3.784f	3.135	119542	157961	1.148	1.817 #
12)	L3 AR-1232-2	4.325	3.810	4157152	123584	65.356	1.528 #
13)	L3 AR-1232-3	4.582	3.975	1977354	52537	18.869	1.239 #
15)	L3 AR-1232-5	4.866	4.212	365031	6106264	9.611	141.552 #
16)	L4 AR-1242-1	4.582	3.787	1977354	169738	14.994	1.556 #
17)	L4 AR-1242-2	4.582	3.810	1977354	123584	9.556	0.795 #
18)	L4 AR-1242-3	4.656	3.975	368530	52537	2.907	0.626 #
20)	L4 AR-1242-5	5.491	4.536	6469426	14883132	59.158	142.214 #
21)	L5 AR-1248-1	4.582	3.799	1977354	350663	20.122	4.370 #
22)	L5 AR-1248-2	4.866	4.018	365031	1044323	2.552	8.722 #
23)	L5 AR-1248-3	5.007f	4.056	32673880	244767	189.933	2.135 #
24)	L5 AR-1248-4	5.423	4.212	43284554	6106264	226.395	43.306 #
25)	L5 AR-1248-5	5.491	4.591	6469426	6998031	34.775	50.644 #
26)	L6 AR-1254-1	5.423	4.536	43284554	14883132	215.230	70.586 #
27)	L6 AR-1254-2	5.616	4.694	4495244	2147075	14.743	11.601
28)	L6 AR-1254-3	5.985	5.077	6275286	5336864	19.130	18.652
29)	L6 AR-1254-4	6.248	5.316	1392780	527303	5.750	2.848 #
30)	L6 AR-1254-5	6.698	5.724	4731182	3893538	18.423	15.070
31)	L7 AR-1260-1	6.141	5.220	2411708	6869315	10.026	34.019 #
32)	L7 AR-1260-2	6.426	5.414	5187318	13959791	18.309	57.050 #
33)	L7 AR-1260-3	6.762	5.557	952536	4950234	4.686	20.933 #
34)	L7 AR-1260-4	6.994	6.036	798496	1142893	3.350	5.986 #
35)	L7 AR-1260-5	7.327f	6.262	6192165	1643657	13.831	3.753 #
36)	L8 AR-1262-1	6.762	5.834	952536	1223514	3.059	11.630 #
37)	L8 AR-1262-2	7.327f	6.036	6192165	1142893	11.927	4.922 #
38)	L8 AR-1262-3	7.575	6.546	174210	8944292	0.503	46.566 #
39)	L8 AR-1262-4	7.640	6.631f	644270	14578993	2.367	41.691 #
40)	L8 AR-1262-5	8.140	7.117	554571	1233680	3.233	7.448 #
41)	L9 AR-1268-1	7.575	6.546	174210	8944292	0.282	15.952 #
42)	L9 AR-1268-2	7.661	6.631f	247649	14578993	0.433	29.310 #
43)	L9 AR-1268-3	7.811	6.802	2048663	1366574	4.201	3.206

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Acq On : 26 Sep 2023 17:53
Operator : YP\AJ
Sample : 04597-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

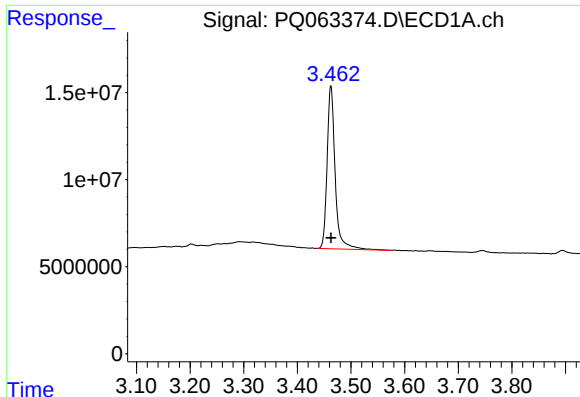
Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 27 01:31:46 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
44)	L9 AR-1268-4	8.140	7.117	554571	1233680	2.883	6.662 #
45)	L9 AR-1268-5	8.455	7.359	1453705	1358699	1.018	1.033

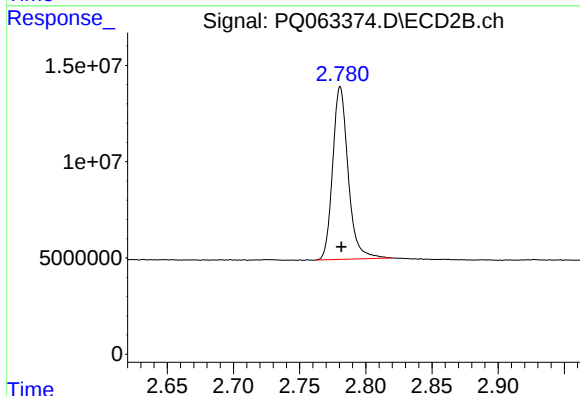
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

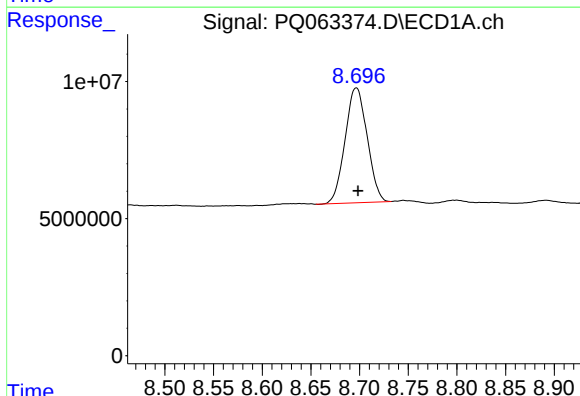
R.T.: 3.463 min
Delta R.T.: 0.000 min
Response: 97797073
Conc: 20.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



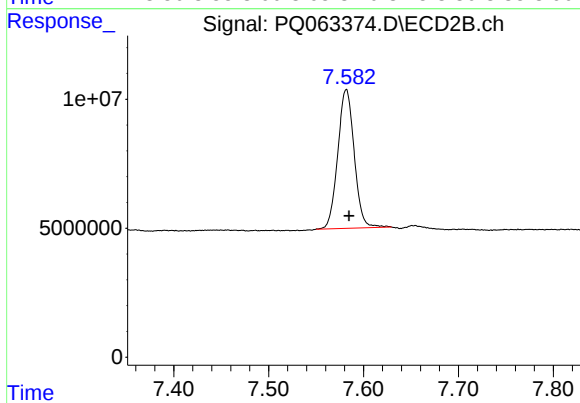
#1 Tetrachloro-m-xylene

R.T.: 2.781 min
Delta R.T.: 0.000 min
Response: 73200256
Conc: 21.18 ng/ml



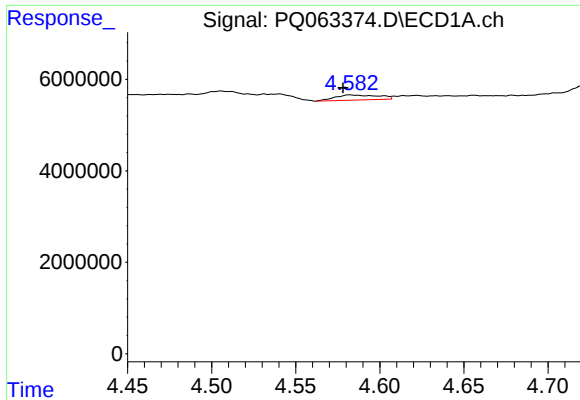
#2 Decachlorobiphenyl

R.T.: 8.697 min
Delta R.T.: -0.002 min
Response: 66140115
Conc: 18.93 ng/ml



#2 Decachlorobiphenyl

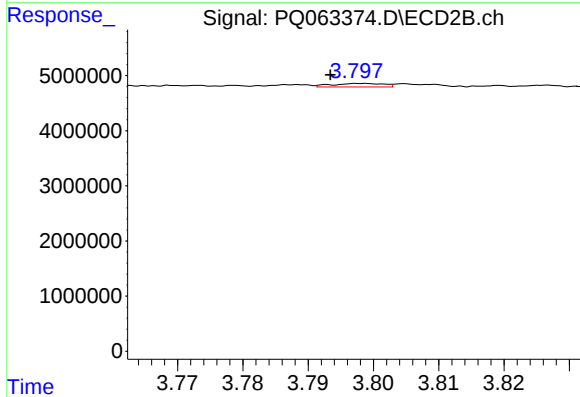
R.T.: 7.582 min
Delta R.T.: -0.003 min
Response: 64991910
Conc: 18.08 ng/ml



#3 AR-1016-1

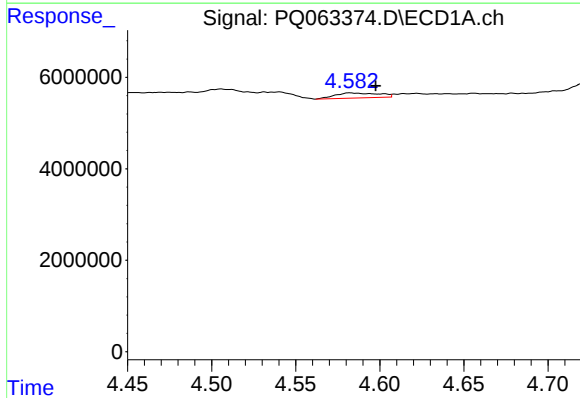
R.T.: 4.582 min
Delta R.T.: 0.004 min
Response: 1977354
Conc: 13.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



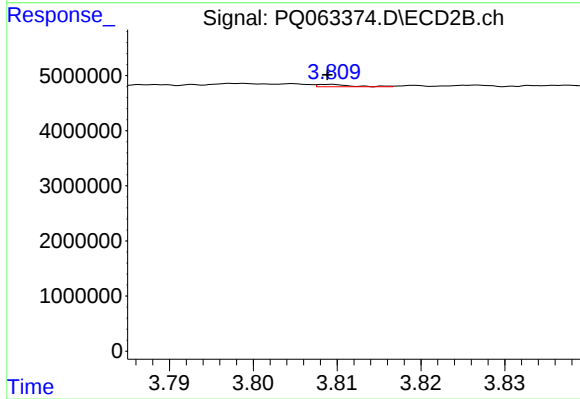
#3 AR-1016-1

R.T.: 3.799 min
Delta R.T.: 0.006 min
Response: 350663
Conc: 2.82 ng/ml



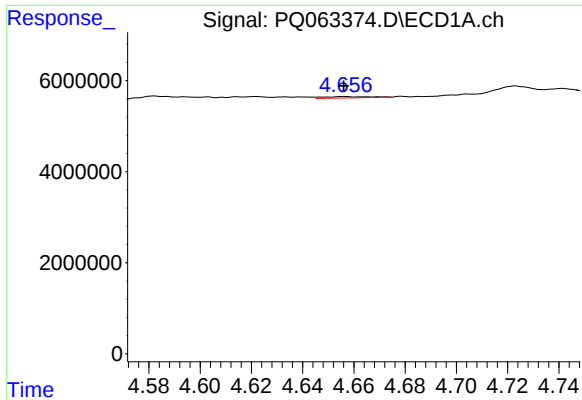
#4 AR-1016-2

R.T.: 4.582 min
Delta R.T.: -0.015 min
Response: 1977354
Conc: 8.46 ng/ml



#4 AR-1016-2

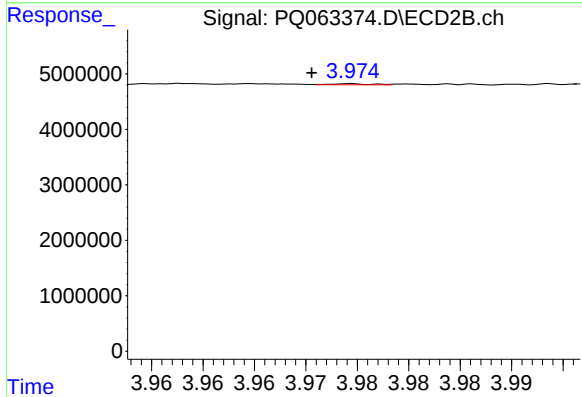
R.T.: 3.810 min
Delta R.T.: 0.000 min
Response: 123584
Conc: 0.70 ng/ml



#5 AR-1016-3

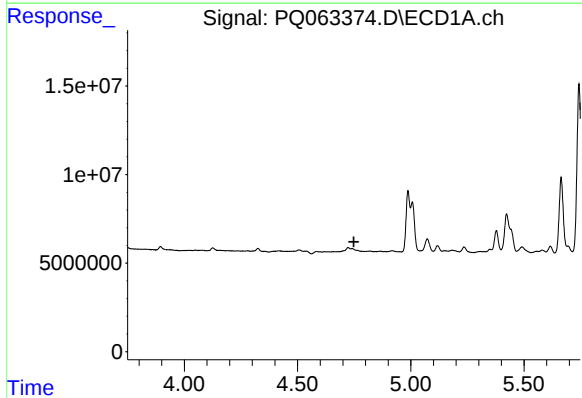
R.T.: 4.656 min
Delta R.T.: 0.000 min
Response: 368530
Conc: 2.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



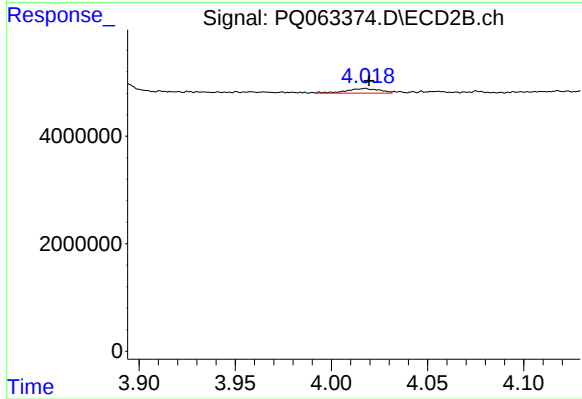
#5 AR-1016-3

R.T.: 3.975 min
Delta R.T.: 0.004 min
Response: 52537
Conc: 0.54 ng/ml



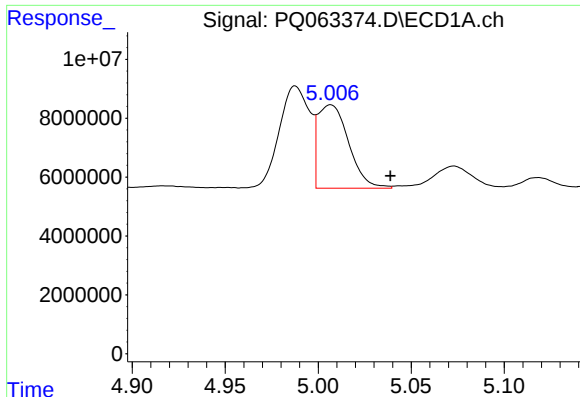
#6 AR-1016-4

R.T.: 4.741 min
Delta R.T.: -0.008 min
Response: -573771
Conc: N.D.



#6 AR-1016-4

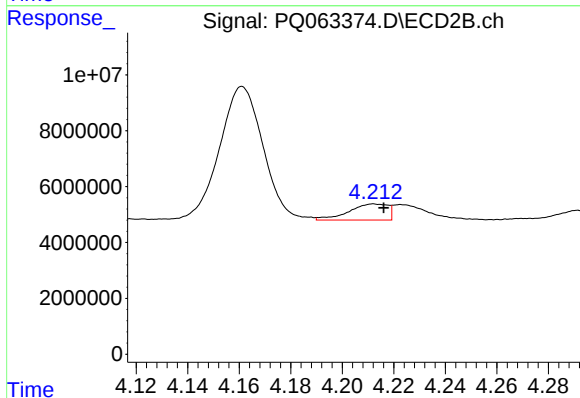
R.T.: 4.018 min
Delta R.T.: -0.002 min
Response: 1044323
Conc: 12.88 ng/ml



#7 AR-1016-5

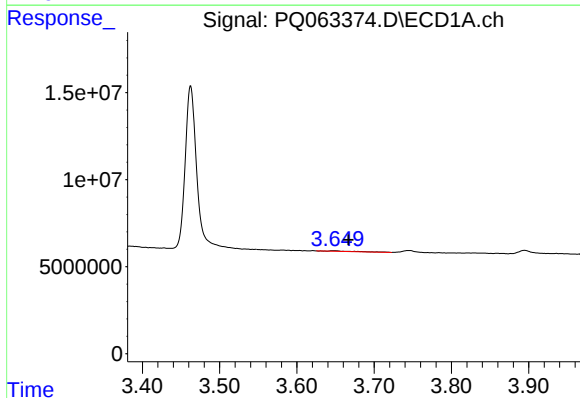
R.T.: 5.007 min
Delta R.T.: -0.032 min
Response: 32673880
Conc: 278.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



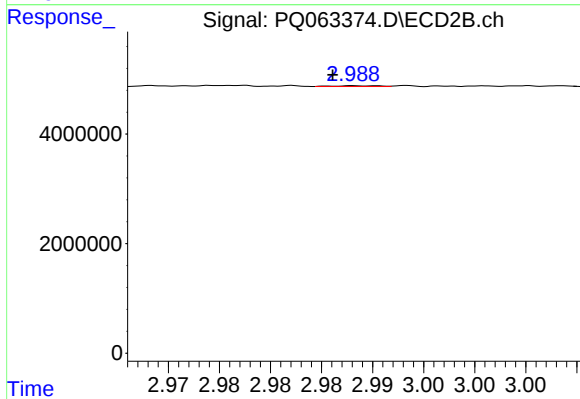
#7 AR-1016-5

R.T.: 4.212 min
Delta R.T.: -0.004 min
Response: 6106264
Conc: 60.66 ng/ml



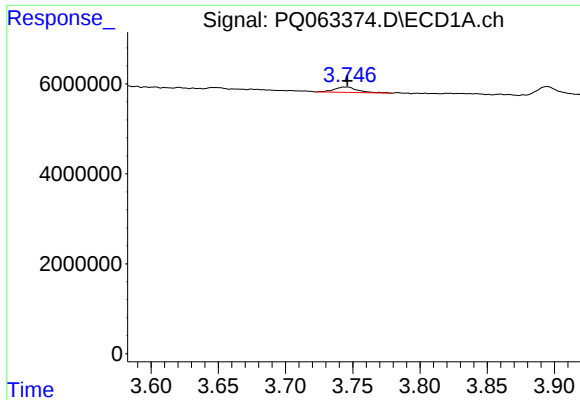
#8 AR-1221-1

R.T.: 3.647 min
Delta R.T.: -0.020 min
Response: 717570
Conc: 12.54 ng/ml



#8 AR-1221-1

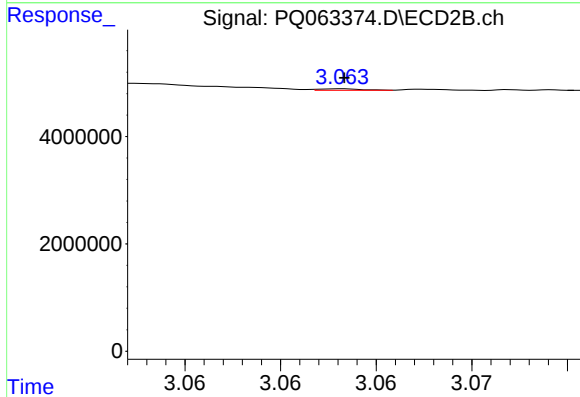
R.T.: 2.988 min
Delta R.T.: 0.002 min
Response: 43450
Conc: 0.93 ng/ml



#9 AR-1221-2

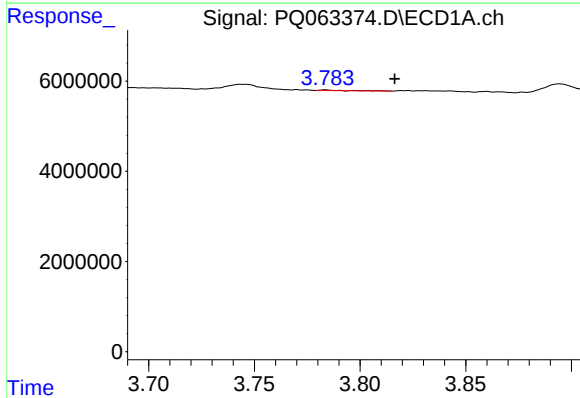
R.T.: 3.745 min
Delta R.T.: -0.001 min
Response: 1483493
Conc: 39.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



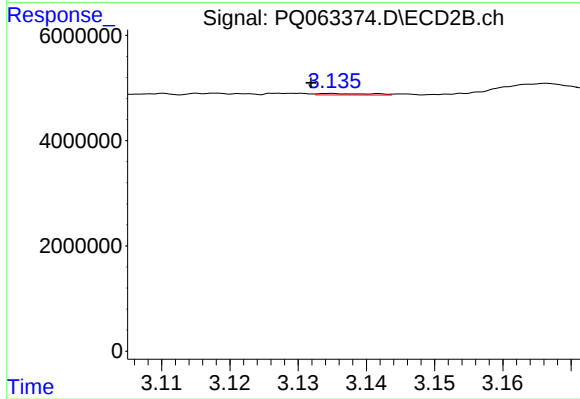
#9 AR-1221-2

R.T.: 3.063 min
Delta R.T.: 0.000 min
Response: 43353
Conc: 1.40 ng/ml



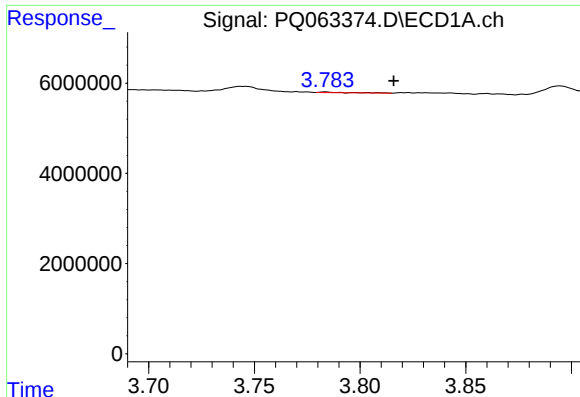
#10 AR-1221-3

R.T.: 3.784 min
Delta R.T.: -0.033 min
Response: 119542
Conc: 0.95 ng/ml



#10 AR-1221-3

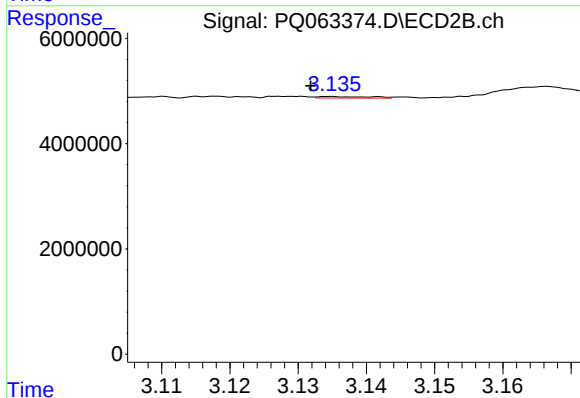
R.T.: 3.135 min
Delta R.T.: 0.003 min
Response: 157961
Conc: 1.48 ng/ml



#11 AR-1232-1

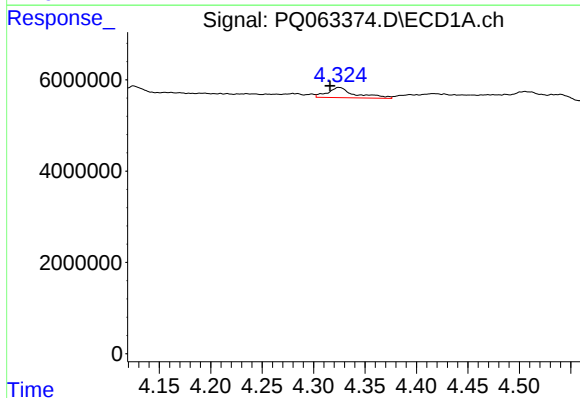
R.T.: 3.784 min
Delta R.T.: -0.032 min
Response: 119542
Conc: 1.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



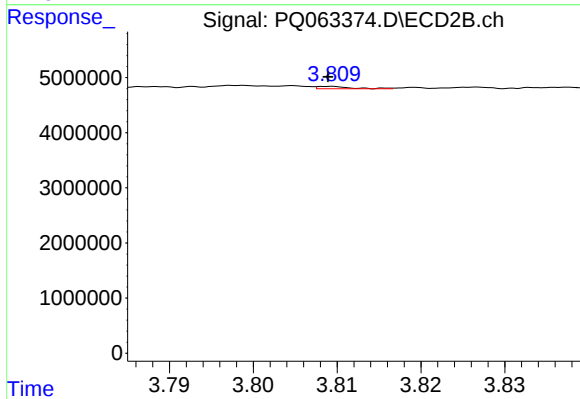
#11 AR-1232-1

R.T.: 3.135 min
Delta R.T.: 0.003 min
Response: 157961
Conc: 1.82 ng/ml



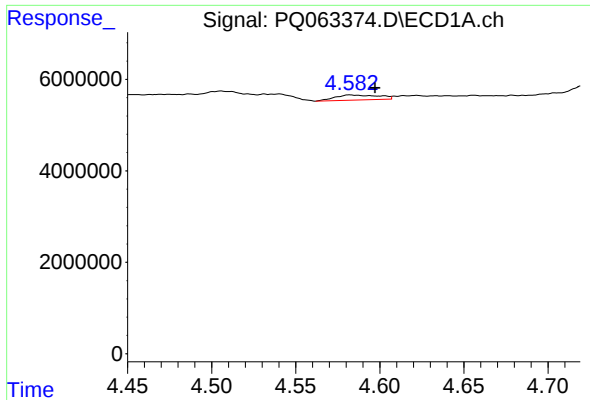
#12 AR-1232-2

R.T.: 4.325 min
Delta R.T.: 0.009 min
Response: 4157152
Conc: 65.36 ng/ml



#12 AR-1232-2

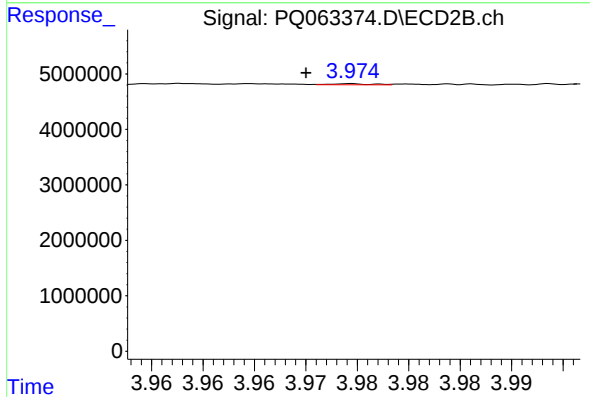
R.T.: 3.810 min
Delta R.T.: 0.000 min
Response: 123584
Conc: 1.53 ng/ml



#13 AR-1232-3

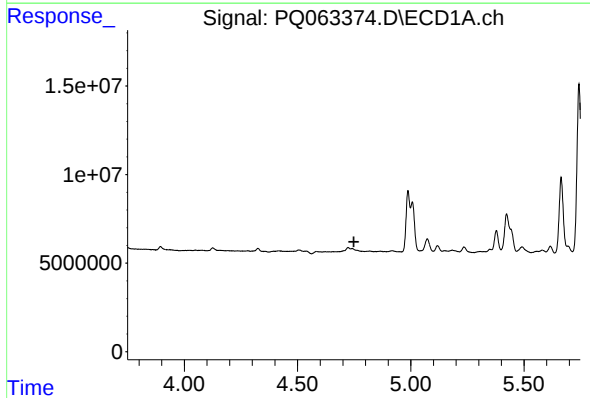
R.T.: 4.582 min
Delta R.T.: -0.015 min
Response: 1977354
Conc: 18.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



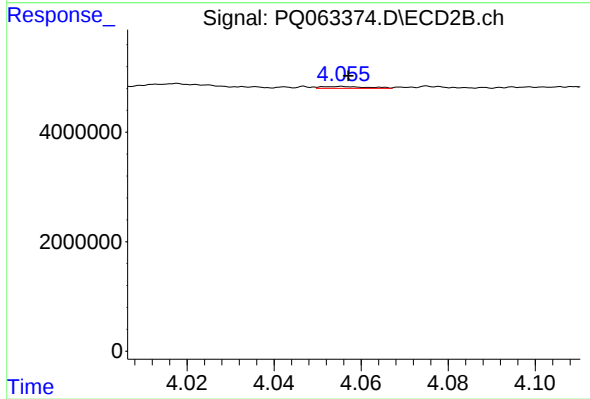
#13 AR-1232-3

R.T.: 3.975 min
Delta R.T.: 0.005 min
Response: 52537
Conc: 1.24 ng/ml



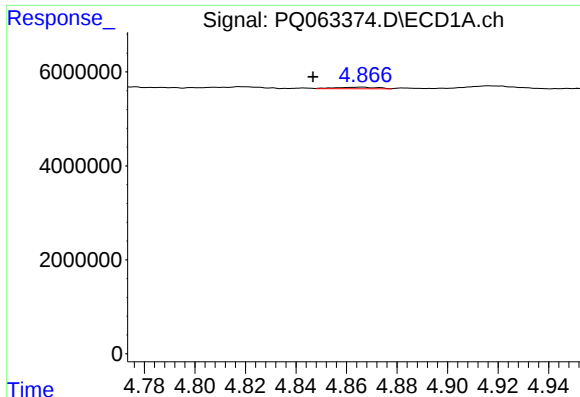
#14 AR-1232-4

R.T.: 4.741 min
Delta R.T.: -0.007 min
Response: -573771
Conc: N.D.



#14 AR-1232-4

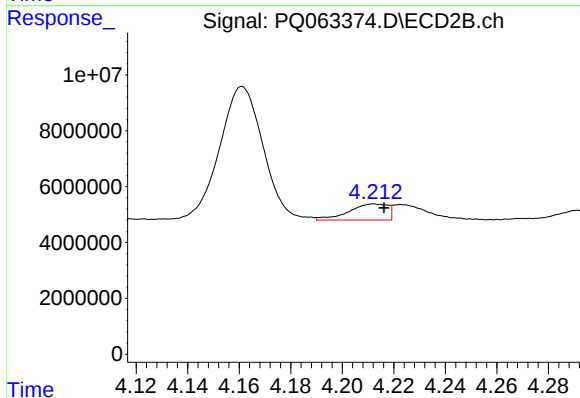
R.T.: 4.056 min
Delta R.T.: -0.001 min
Response: 244767
Conc: 6.68 ng/ml



#15 AR-1232-5

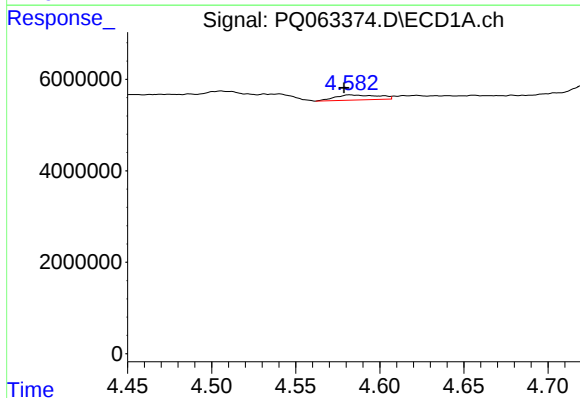
R.T.: 4.866 min
Delta R.T.: 0.019 min
Response: 365031
Conc: 9.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



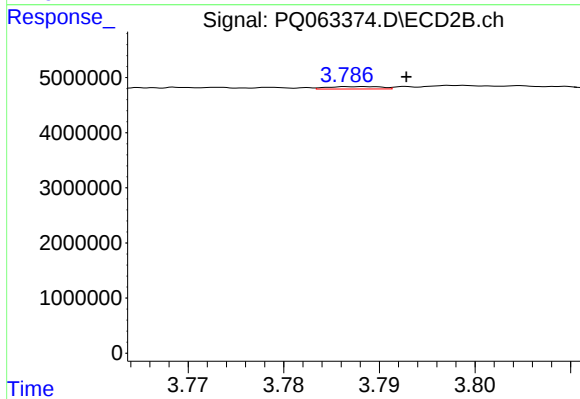
#15 AR-1232-5

R.T.: 4.212 min
Delta R.T.: -0.004 min
Response: 6106264
Conc: 141.55 ng/ml



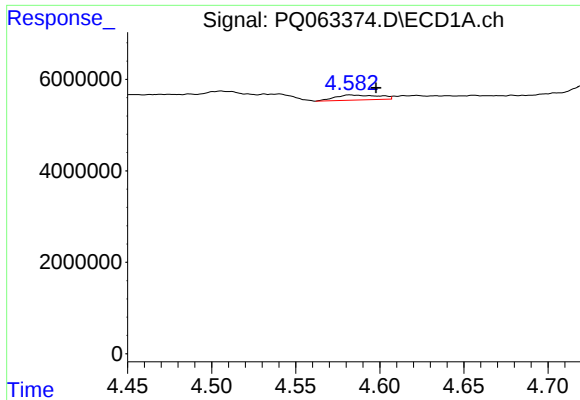
#16 AR-1242-1

R.T.: 4.582 min
Delta R.T.: 0.003 min
Response: 1977354
Conc: 14.99 ng/ml



#16 AR-1242-1

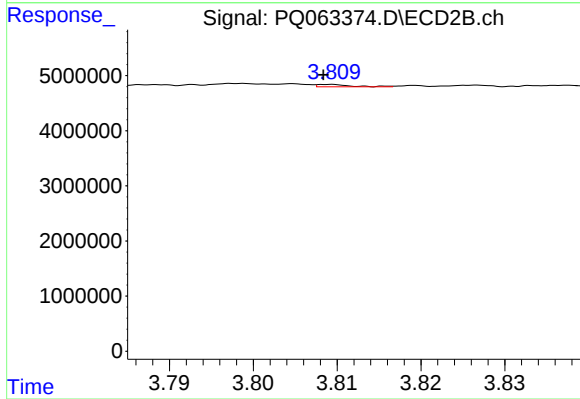
R.T.: 3.787 min
Delta R.T.: -0.006 min
Response: 169738
Conc: 1.56 ng/ml



#17 AR-1242-2

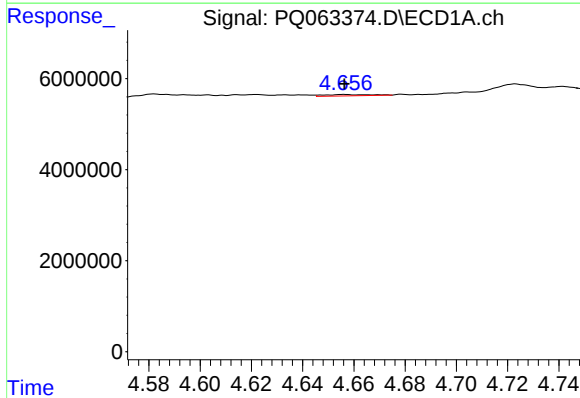
R.T.: 4.582 min
Delta R.T.: -0.016 min
Response: 1977354
Conc: 9.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



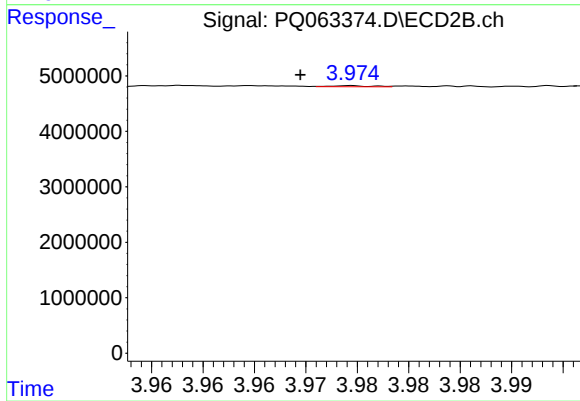
#17 AR-1242-2

R.T.: 3.810 min
Delta R.T.: 0.001 min
Response: 123584
Conc: 0.80 ng/ml



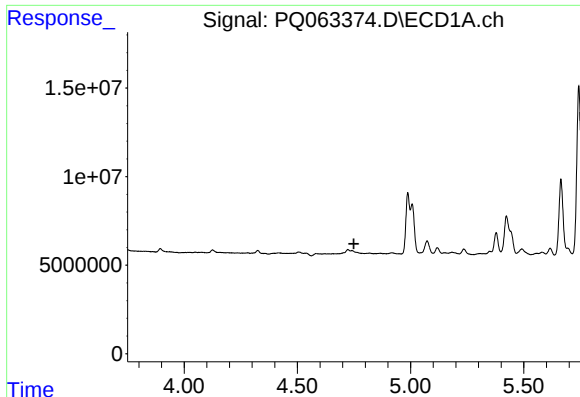
#18 AR-1242-3

R.T.: 4.656 min
Delta R.T.: 0.000 min
Response: 368530
Conc: 2.91 ng/ml



#18 AR-1242-3

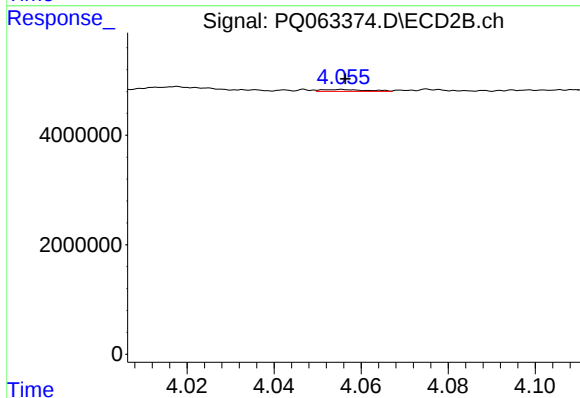
R.T.: 3.975 min
Delta R.T.: 0.005 min
Response: 52537
Conc: 0.63 ng/ml



#19 AR-1242-4

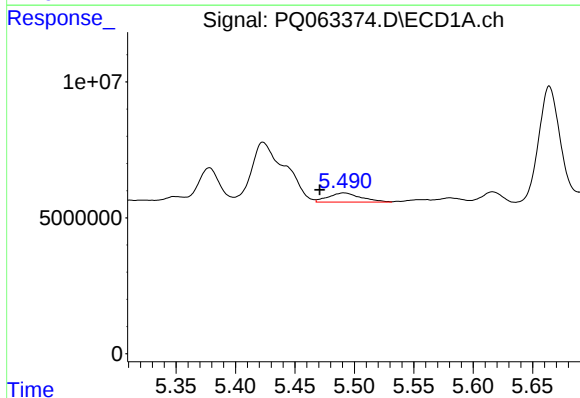
R.T.: 4.741 min
Delta R.T.: -0.008 min
Response: -573771
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



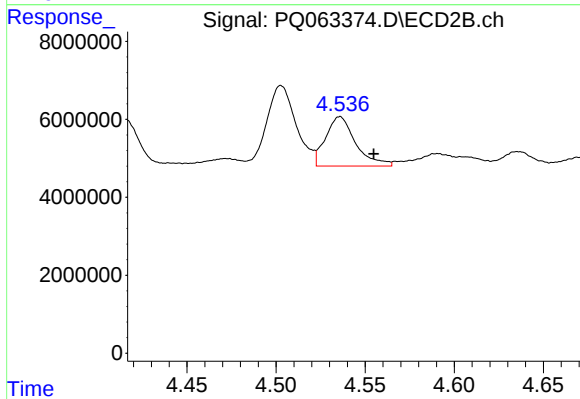
#19 AR-1242-4

R.T.: 4.056 min
Delta R.T.: 0.000 min
Response: 244767
Conc: 3.05 ng/ml



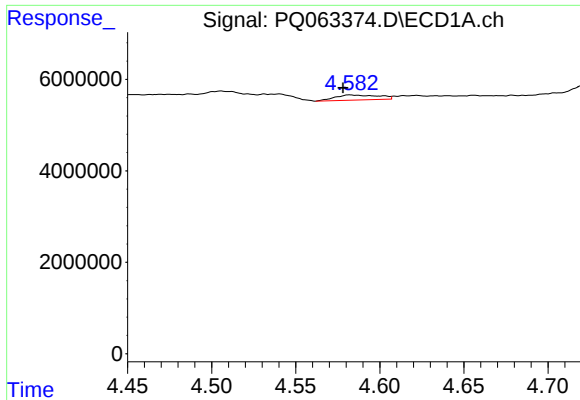
#20 AR-1242-5

R.T.: 5.491 min
Delta R.T.: 0.020 min
Response: 6469426
Conc: 59.16 ng/ml



#20 AR-1242-5

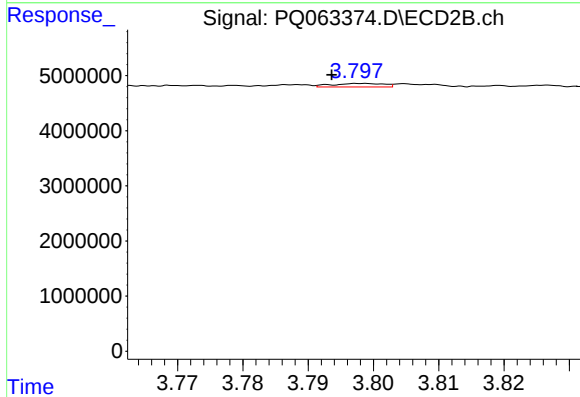
R.T.: 4.536 min
Delta R.T.: -0.019 min
Response: 14883132
Conc: 142.21 ng/ml



#21 AR-1248-1

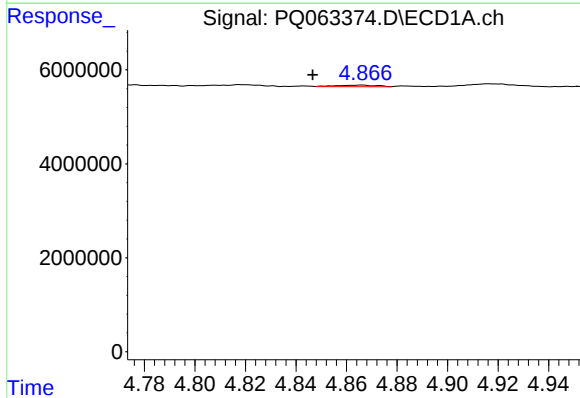
R.T.: 4.582 min
Delta R.T.: 0.004 min
Response: 1977354
Conc: 20.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



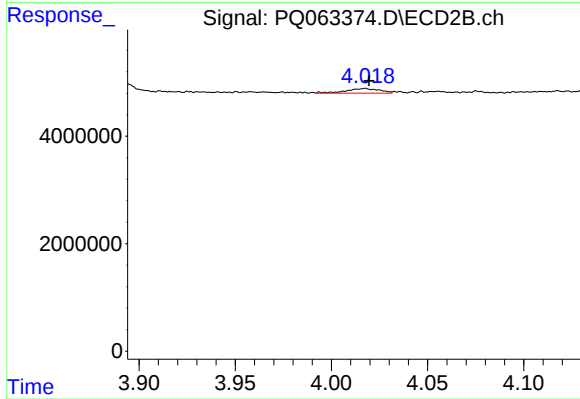
#21 AR-1248-1

R.T.: 3.799 min
Delta R.T.: 0.005 min
Response: 350663
Conc: 4.37 ng/ml



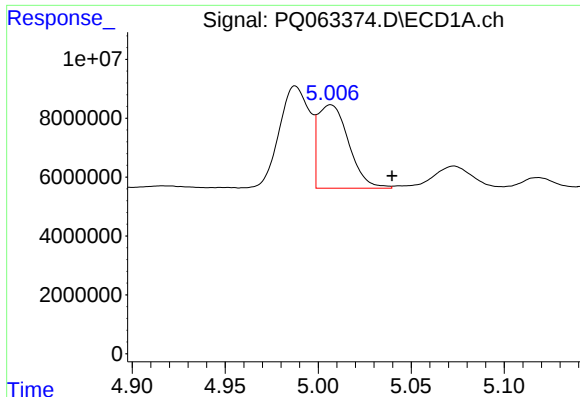
#22 AR-1248-2

R.T.: 4.866 min
Delta R.T.: 0.019 min
Response: 365031
Conc: 2.55 ng/ml



#22 AR-1248-2

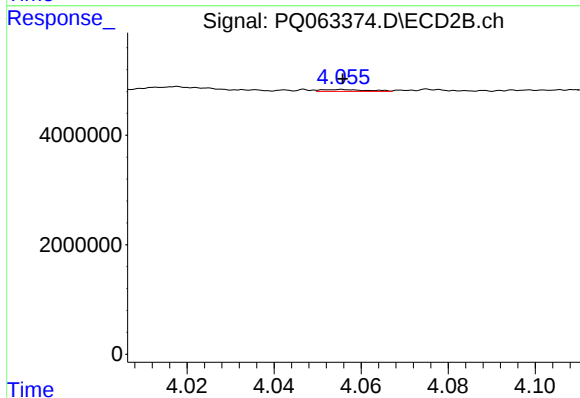
R.T.: 4.018 min
Delta R.T.: -0.002 min
Response: 1044323
Conc: 8.72 ng/ml



#23 AR-1248-3

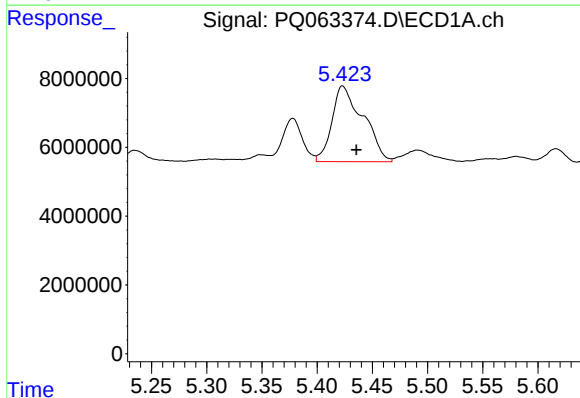
R.T.: 5.007 min
Delta R.T.: -0.033 min
Response: 32673880
Conc: 189.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



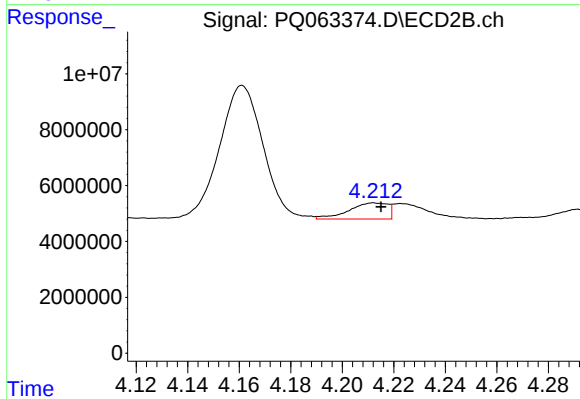
#23 AR-1248-3

R.T.: 4.056 min
Delta R.T.: 0.000 min
Response: 244767
Conc: 2.13 ng/ml



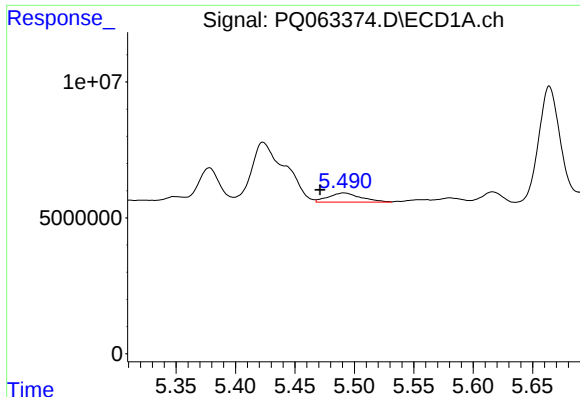
#24 AR-1248-4

R.T.: 5.423 min
Delta R.T.: -0.012 min
Response: 43284554
Conc: 226.40 ng/ml



#24 AR-1248-4

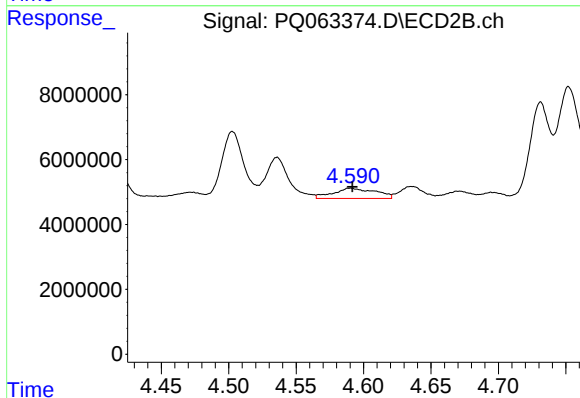
R.T.: 4.212 min
Delta R.T.: -0.003 min
Response: 6106264
Conc: 43.31 ng/ml



#25 AR-1248-5

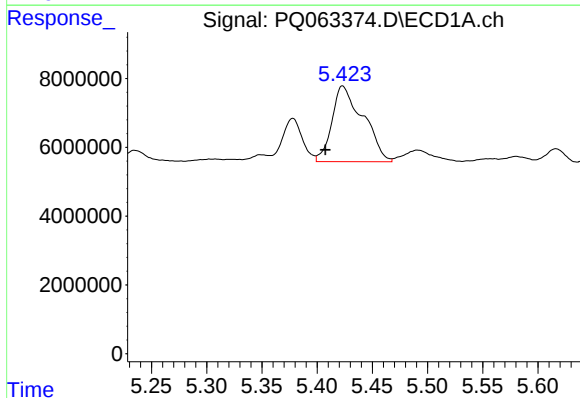
R.T.: 5.491 min
Delta R.T.: 0.020 min
Response: 6469426
Conc: 34.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



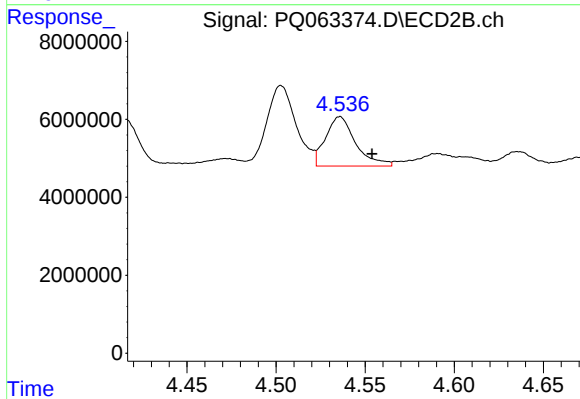
#25 AR-1248-5

R.T.: 4.591 min
Delta R.T.: 0.000 min
Response: 6998031
Conc: 50.64 ng/ml



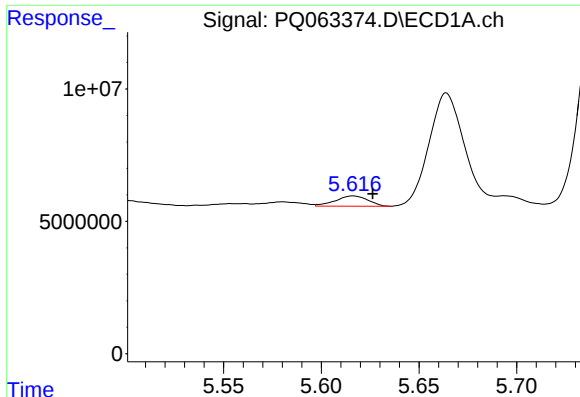
#26 AR-1254-1

R.T.: 5.423 min
Delta R.T.: 0.015 min
Response: 43284554
Conc: 215.23 ng/ml



#26 AR-1254-1

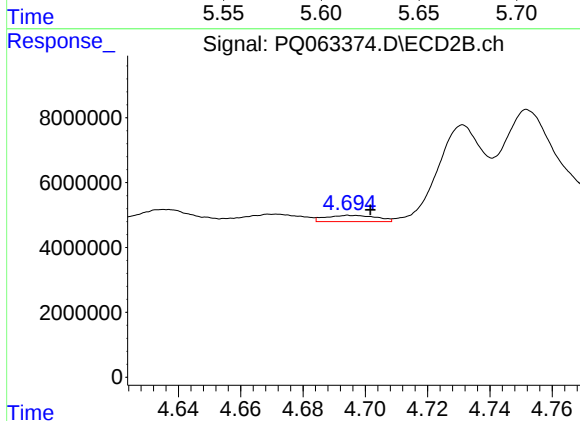
R.T.: 4.536 min
Delta R.T.: -0.018 min
Response: 14883132
Conc: 70.59 ng/ml



#27 AR-1254-2

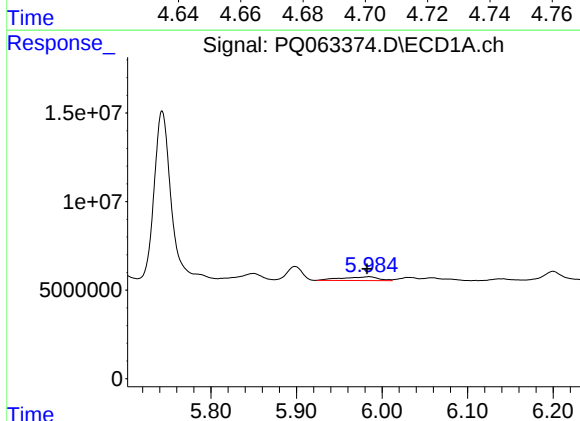
R.T.: 5.616 min
Delta R.T.: -0.010 min
Response: 4495244
Conc: 14.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



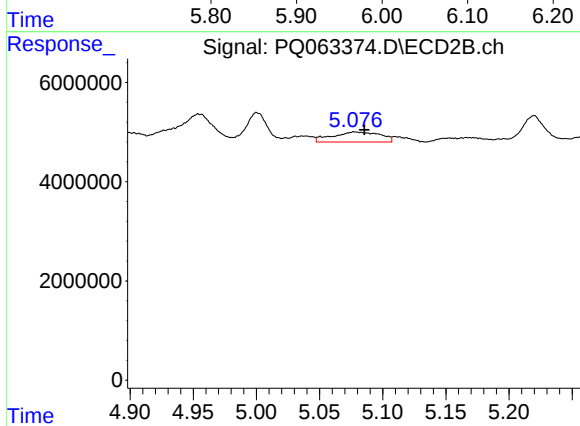
#27 AR-1254-2

R.T.: 4.694 min
Delta R.T.: -0.007 min
Response: 2147075
Conc: 11.60 ng/ml



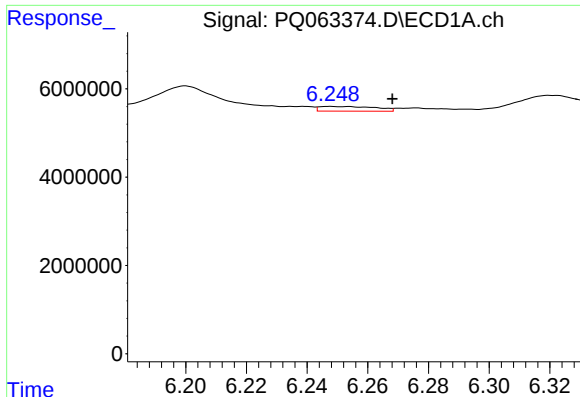
#28 AR-1254-3

R.T.: 5.985 min
Delta R.T.: 0.003 min
Response: 6275286
Conc: 19.13 ng/ml



#28 AR-1254-3

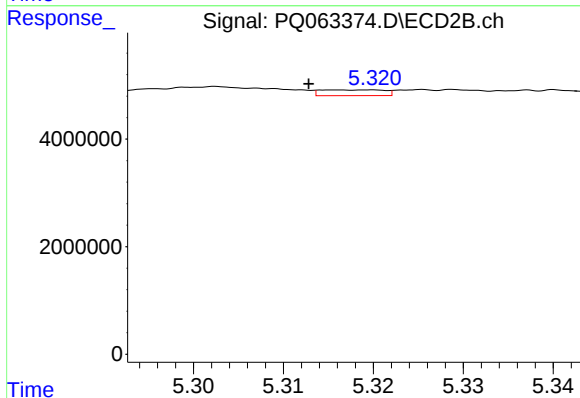
R.T.: 5.077 min
Delta R.T.: -0.008 min
Response: 5336864
Conc: 18.65 ng/ml



#29 AR-1254-4

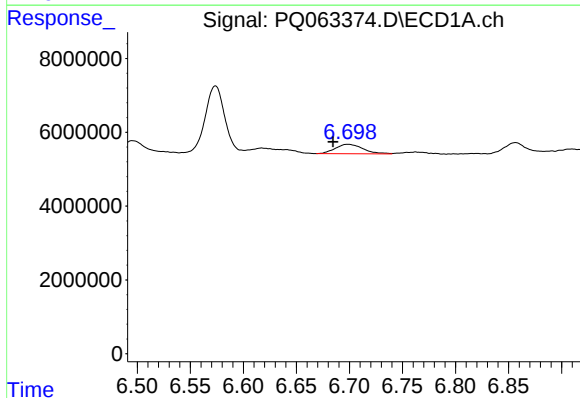
R.T.: 6.248 min
Delta R.T.: -0.020 min
Response: 1392780
Conc: 5.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



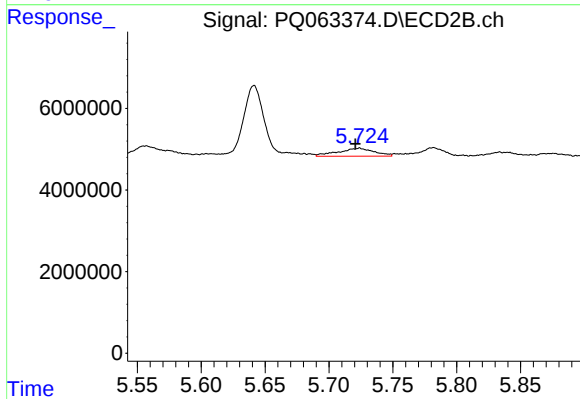
#29 AR-1254-4

R.T.: 5.316 min
Delta R.T.: 0.003 min
Response: 527303
Conc: 2.85 ng/ml



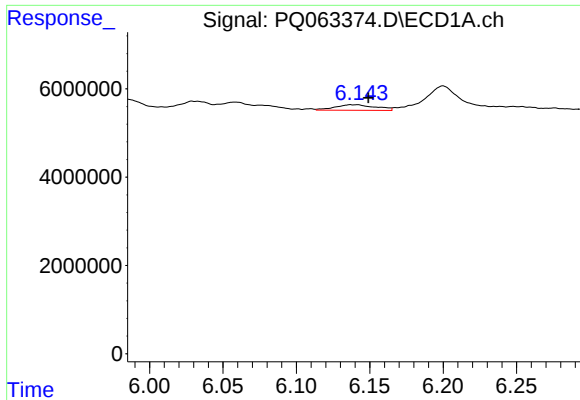
#30 AR-1254-5

R.T.: 6.698 min
Delta R.T.: 0.014 min
Response: 4731182
Conc: 18.42 ng/ml



#30 AR-1254-5

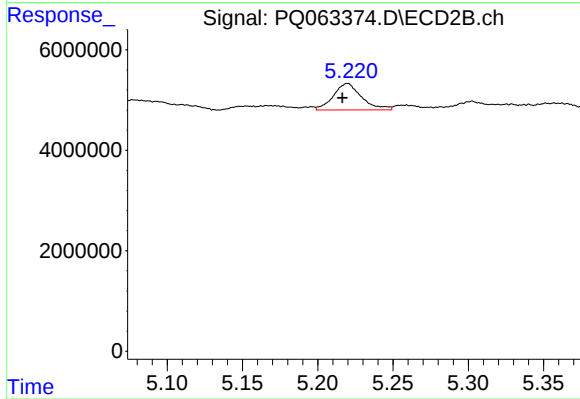
R.T.: 5.724 min
Delta R.T.: 0.003 min
Response: 3893538
Conc: 15.07 ng/ml



#31 AR-1260-1

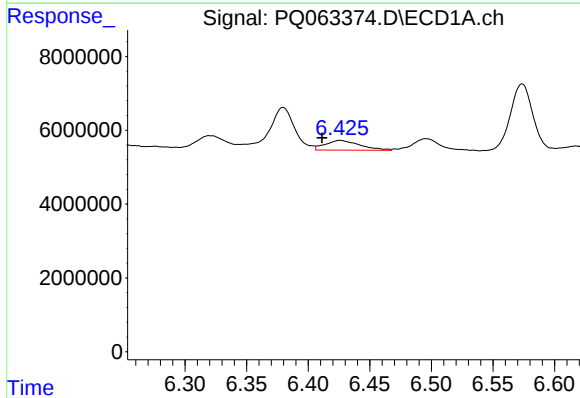
R.T.: 6.141 min
Delta R.T.: -0.008 min
Response: 2411708
Conc: 10.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



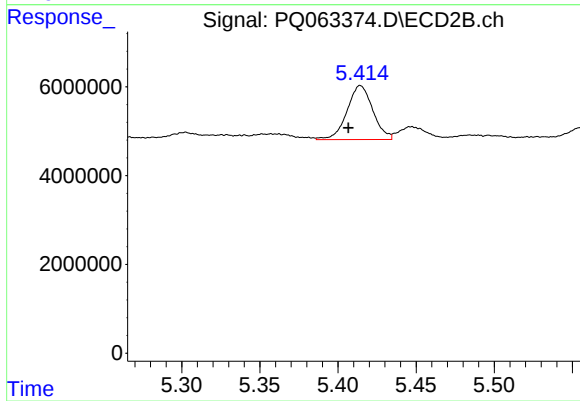
#31 AR-1260-1

R.T.: 5.220 min
Delta R.T.: 0.004 min
Response: 6869315
Conc: 34.02 ng/ml



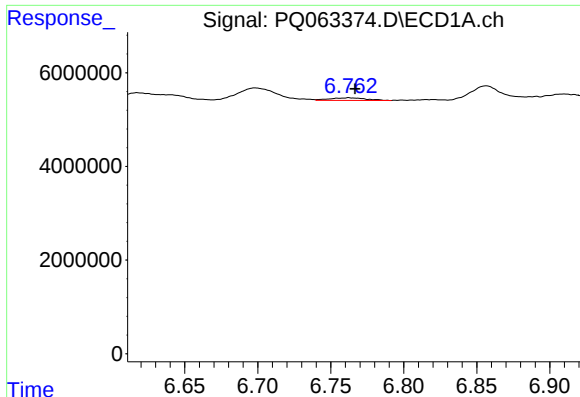
#32 AR-1260-2

R.T.: 6.426 min
Delta R.T.: 0.015 min
Response: 5187318
Conc: 18.31 ng/ml



#32 AR-1260-2

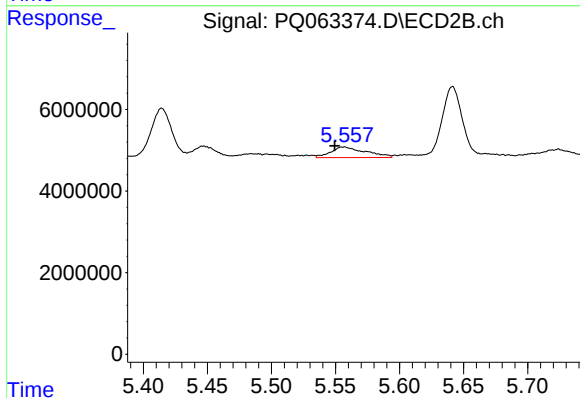
R.T.: 5.414 min
Delta R.T.: 0.008 min
Response: 13959791
Conc: 57.05 ng/ml



#33 AR-1260-3

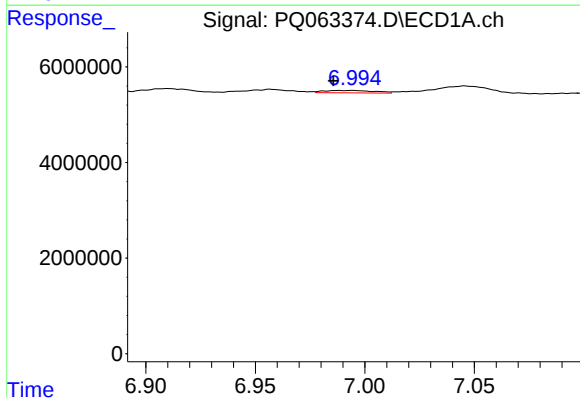
R.T.: 6.762 min
Delta R.T.: -0.004 min
Response: 952536
Conc: 4.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



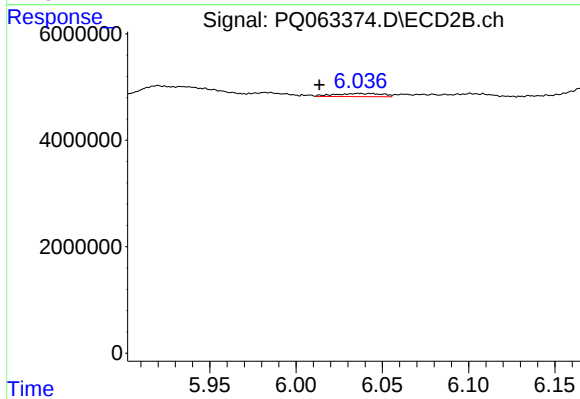
#33 AR-1260-3

R.T.: 5.557 min
Delta R.T.: 0.008 min
Response: 4950234
Conc: 20.93 ng/ml



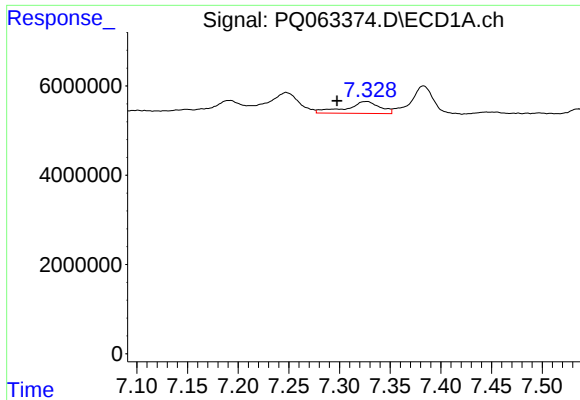
#34 AR-1260-4

R.T.: 6.994 min
Delta R.T.: 0.009 min
Response: 798496
Conc: 3.35 ng/ml



#34 AR-1260-4

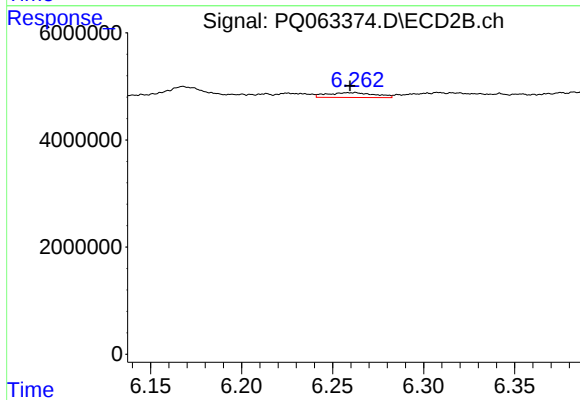
R.T.: 6.036 min
Delta R.T.: 0.023 min
Response: 1142893
Conc: 5.99 ng/ml



#35 AR-1260-5

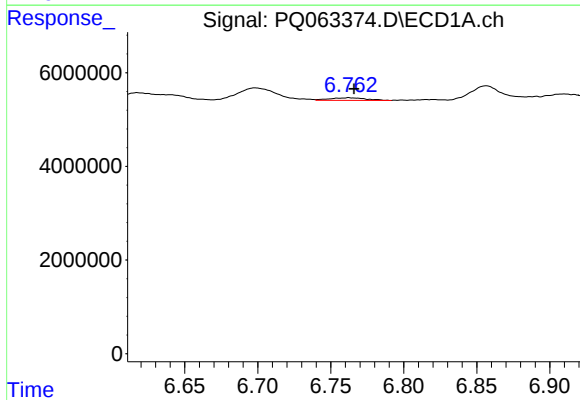
R.T.: 7.327 min
Delta R.T.: 0.029 min
Response: 6192165
Conc: 13.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



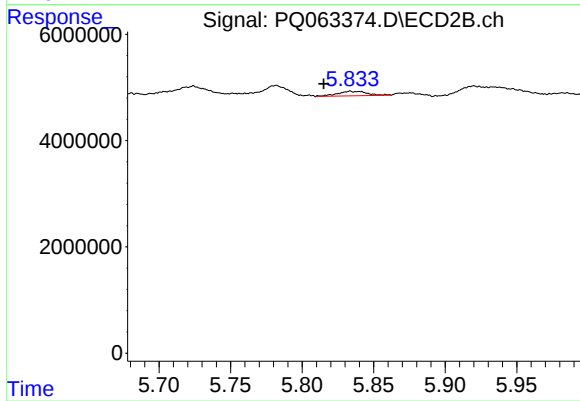
#35 AR-1260-5

R.T.: 6.262 min
Delta R.T.: 0.003 min
Response: 1643657
Conc: 3.75 ng/ml



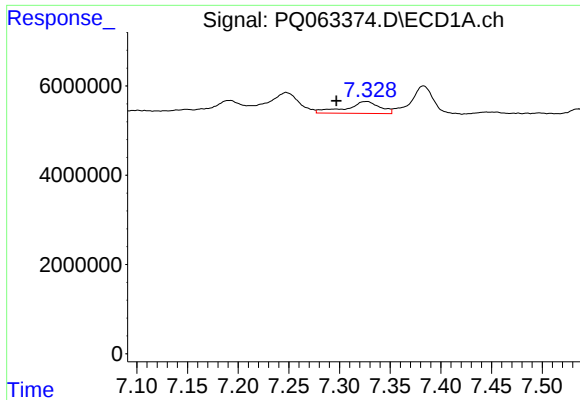
#36 AR-1262-1

R.T.: 6.762 min
Delta R.T.: -0.003 min
Response: 952536
Conc: 3.06 ng/ml



#36 AR-1262-1

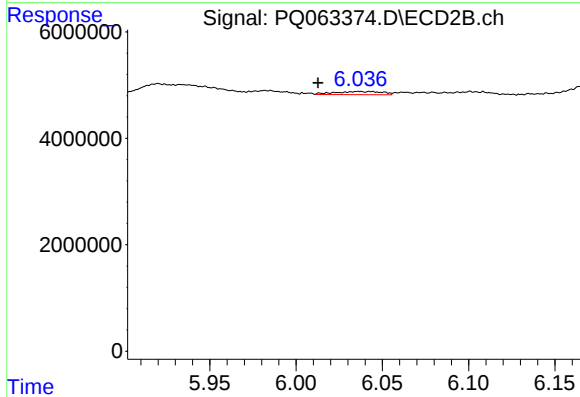
R.T.: 5.834 min
Delta R.T.: 0.018 min
Response: 1223514
Conc: 11.63 ng/ml



#37 AR-1262-2

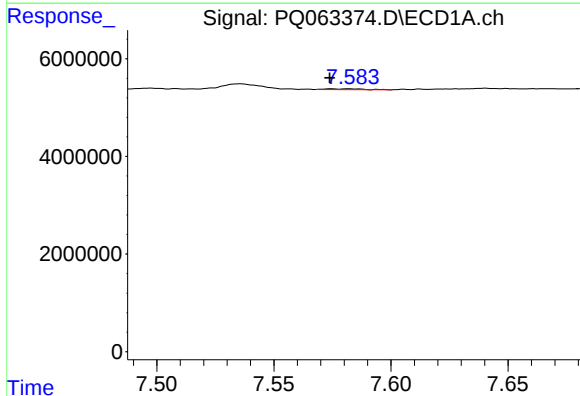
R.T.: 7.327 min
Delta R.T.: 0.030 min
Response: 6192165
Conc: 11.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



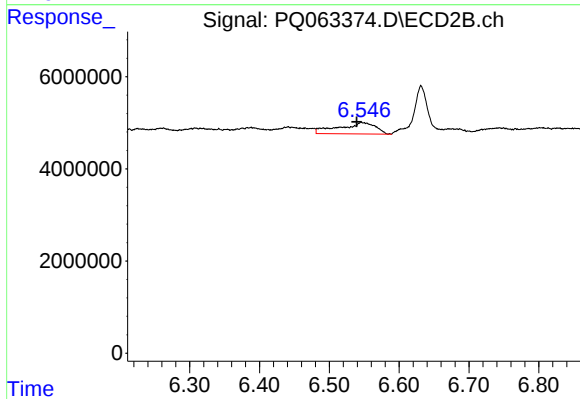
#37 AR-1262-2

R.T.: 6.036 min
Delta R.T.: 0.024 min
Response: 1142893
Conc: 4.92 ng/ml



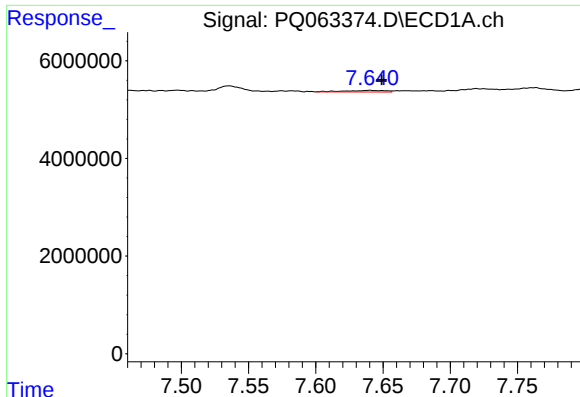
#38 AR-1262-3

R.T.: 7.575 min
Delta R.T.: 0.000 min
Response: 174210
Conc: 0.50 ng/ml



#38 AR-1262-3

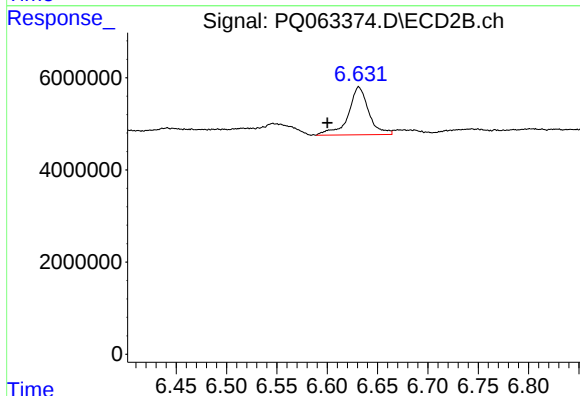
R.T.: 6.546 min
Delta R.T.: 0.007 min
Response: 8944292
Conc: 46.57 ng/ml



#39 AR-1262-4

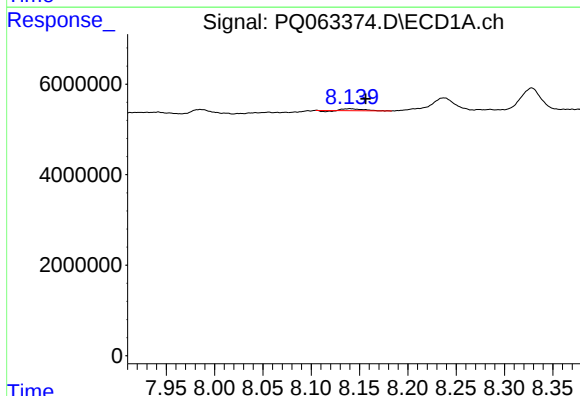
R.T.: 7.640 min
Delta R.T.: -0.009 min
Response: 644270
Conc: 2.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



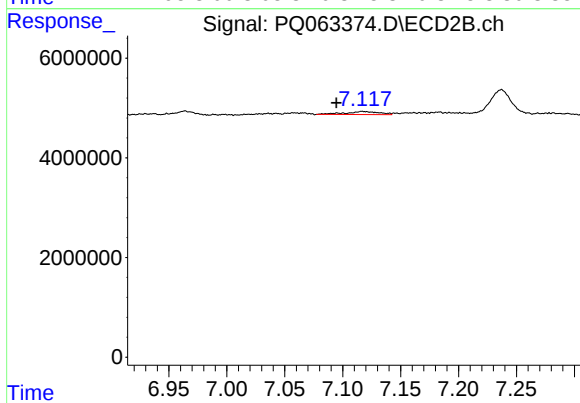
#39 AR-1262-4

R.T.: 6.631 min
Delta R.T.: 0.031 min
Response: 14578993
Conc: 41.69 ng/ml



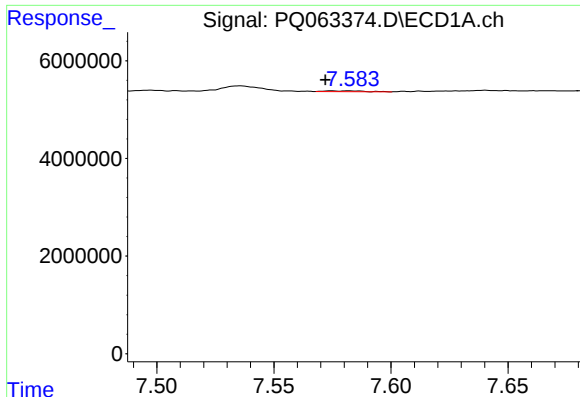
#40 AR-1262-5

R.T.: 8.140 min
Delta R.T.: -0.016 min
Response: 554571
Conc: 3.23 ng/ml



#40 AR-1262-5

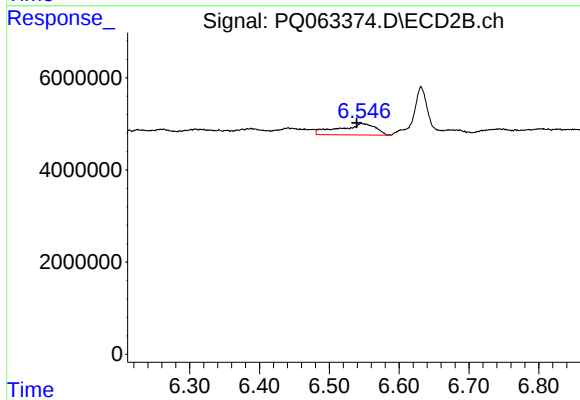
R.T.: 7.117 min
Delta R.T.: 0.022 min
Response: 1233680
Conc: 7.45 ng/ml



#41 AR-1268-1

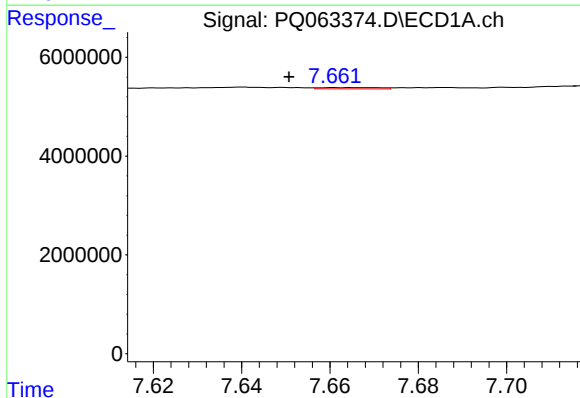
R.T.: 7.575 min
Delta R.T.: 0.003 min
Response: 174210
Conc: 0.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



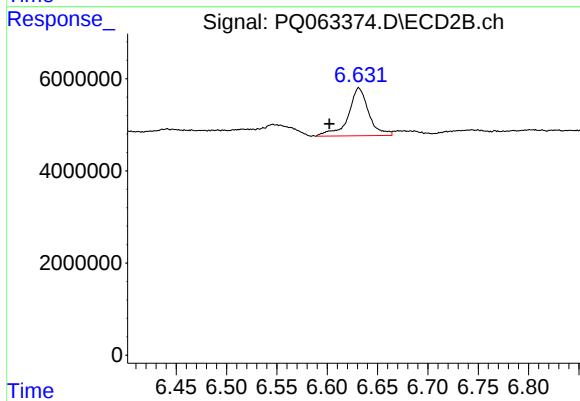
#41 AR-1268-1

R.T.: 6.546 min
Delta R.T.: 0.007 min
Response: 8944292
Conc: 15.95 ng/ml



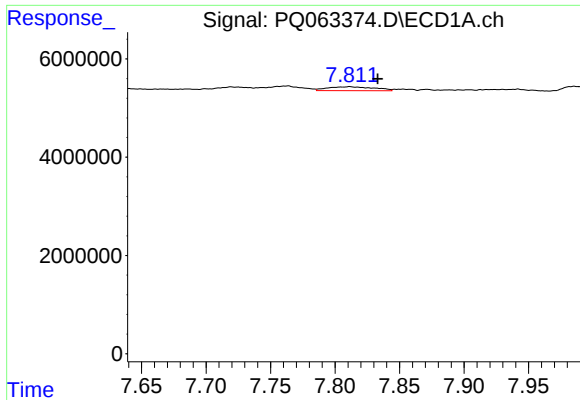
#42 AR-1268-2

R.T.: 7.661 min
Delta R.T.: 0.010 min
Response: 247649
Conc: 0.43 ng/ml



#42 AR-1268-2

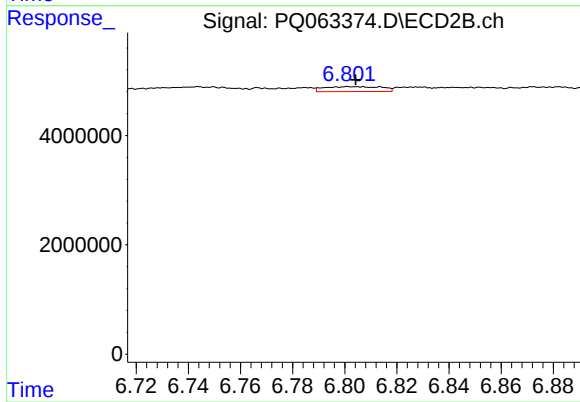
R.T.: 6.631 min
Delta R.T.: 0.029 min
Response: 14578993
Conc: 29.31 ng/ml



#43 AR-1268-3

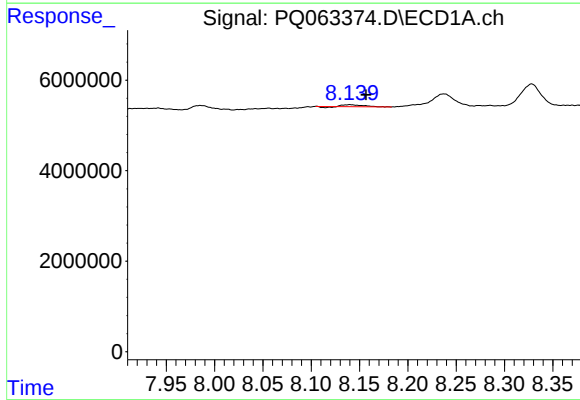
R.T.: 7.811 min
Delta R.T.: -0.022 min
Response: 2048663
Conc: 4.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



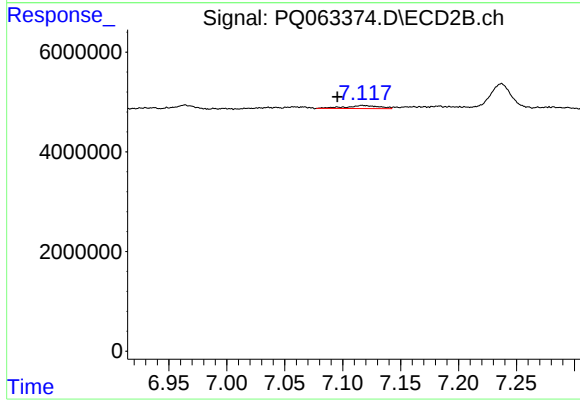
#43 AR-1268-3

R.T.: 6.802 min
Delta R.T.: -0.002 min
Response: 1366574
Conc: 3.21 ng/ml



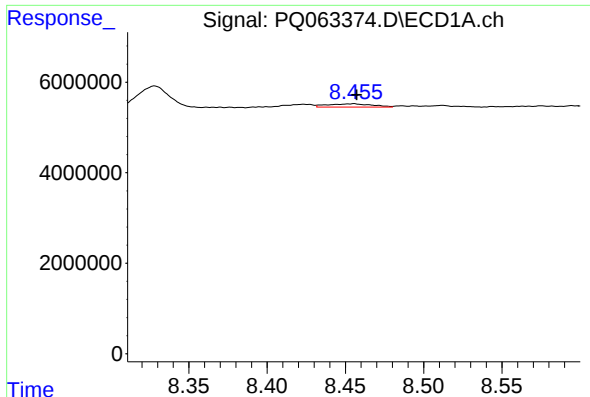
#44 AR-1268-4

R.T.: 8.140 min
Delta R.T.: -0.017 min
Response: 554571
Conc: 2.88 ng/ml



#44 AR-1268-4

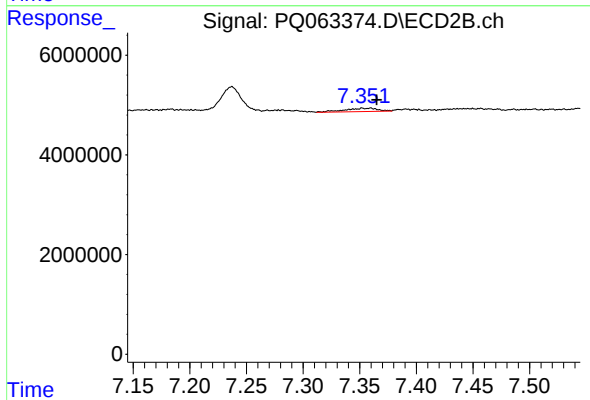
R.T.: 7.117 min
Delta R.T.: 0.021 min
Response: 1233680
Conc: 6.66 ng/ml



#45 AR-1268-5

R.T.: 8.455 min
Delta R.T.: -0.002 min
Response: 1453705
Conc: 1.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.359 min
Delta R.T.: -0.006 min
Response: 1358699
Conc: 1.03 ng/ml