

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071923\
 Data File : PQ062408.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Jul 2023 18:34
 Operator : YP\AJ
 Sample : 03659-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 19 21:42:38 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...	3.402	2.755	54970543	37563216	11.269	14.971 #
2)	SA Decachlor...	8.583	7.524	44895856	37552215	12.359	11.270
Target Compounds							
3)	L1 AR-1016-1	4.498	3.768	-755151	6960621	N.D.	70.327 #
4)	L1 AR-1016-2	4.533	3.768	4761402	6960621	19.256	48.271 #
5)	L1 AR-1016-3	4.592	3.940	1781853	12988540	11.692	172.164 #
6)	L1 AR-1016-4	4.663	3.977	3684022	14690179	29.391	223.666 #
7)	L1 AR-1016-5	4.972	4.174	9241202	29219612	75.924	356.417 #
8)	L2 AR-1221-1	3.587	2.940	2651158	653378	44.107	19.801 #
9)	L2 AR-1221-2	3.678	3.059	2123931	1699863	47.269	66.924 #
10)	L2 AR-1221-3	3.755	3.103	2894127	1516613	20.596	19.673
11)	L3 AR-1232-1	3.755	3.103	2894127	1516613	27.406	26.469
12)	L3 AR-1232-2	4.251	3.768	31984682	6960621	540.728	104.585 #
13)	L3 AR-1232-3	4.533	3.940	4761402	12988540	42.106	375.880 #
14)	L3 AR-1232-4	4.663	4.001	3684022	14088206	65.012	473.715 #
15)	L3 AR-1232-5	4.767	4.174	8240190	29219612	205.748	819.375 #
16)	L4 AR-1242-1	4.498	3.768	-755151	6960621	N.D.	90.001 #
17)	L4 AR-1242-2	4.533	3.768	4761402	6960621	24.526	62.619 #
18)	L4 AR-1242-3	4.592	3.940	1781853	12988540	14.745	221.738 #
19)	L4 AR-1242-4	4.663	4.001	3684022	14088206	37.790	240.298 #
20)	L4 AR-1242-5	5.387	4.511	11520419	17042057	120.343	205.592 #
21)	L5 AR-1248-1	4.498	3.768	-755151	6960621	N.D.	111.334 #
22)	L5 AR-1248-2	4.767	3.977	8240190	14690179	57.358	156.664 #
23)	L5 AR-1248-3	4.972	4.001	9241202	14088206	53.198	155.596 #
24)	L5 AR-1248-4	5.359	4.174	8323225	29219612	43.366	258.949 #
25)	L5 AR-1248-5	5.387	4.549	11520419	17051351	63.606	152.200 #
26)	L6 AR-1254-1	5.325	4.511	16802217	17042057	90.421	105.548
27)	L6 AR-1254-2	5.536	4.656	3603705	8999834	12.396	61.130 #
28)	L6 AR-1254-3	5.897	5.041	7562956	4227174	24.624	18.088 #
29)	L6 AR-1254-4	6.180	5.265	2226099	2260797	9.587	14.833 #
30)	L6 AR-1254-5	6.594	5.675	3636926	6831475	14.159	29.600 #
31)	L7 AR-1260-1	6.064	5.166	3016457	6085468	12.785	36.538 #
32)	L7 AR-1260-2	6.317	5.362	3520030	9192900	12.188	44.208 #
33)	L7 AR-1260-3	6.675	5.525	8297001	3997264	46.988	20.545 #
34)	L7 AR-1260-4	6.866f	5.959	620552	408705	2.946	2.802
35)	L7 AR-1260-5	7.207	6.209	495615	2857983	1.207	8.607 #
36)	L8 AR-1262-1	6.675	5.716	8297001	3208127	27.208	13.800 #
37)	L8 AR-1262-2	7.207	5.959	495615	408705	0.941	1.890 #
38)	L8 AR-1262-3	7.480	6.487	3861284	1608087	10.960	9.225
39)	L8 AR-1262-4	7.547	6.545	584626	423605	2.192	1.314 #
40)	L8 AR-1262-5	8.058	7.036	2666723	295062	15.023	1.902 #
41)	L9 AR-1268-1	7.480	6.487	3861284	1608087	6.804	3.418 #

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 ALS Vial : 24 Sample Multiplier: 1

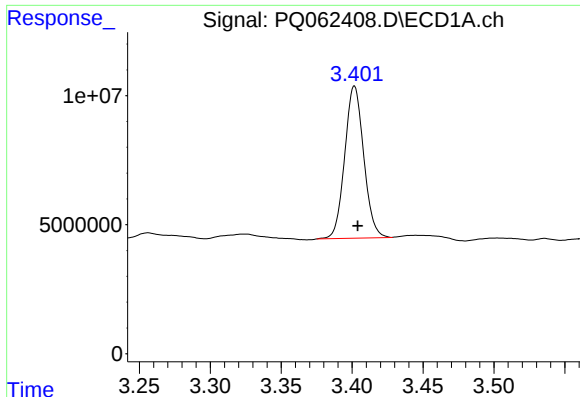
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 19 21:42:38 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
 Quant Title : GC EXTRACTABLES
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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	7.560	6.545	1283738	423605	2.518	1.000 #
43) L9	AR-1268-3	7.731	6.760	208106	490876	0.488	1.333 #
44) L9	AR-1268-4	8.058	7.036	2666723	295062	14.573	1.845 #
45) L9	AR-1268-5	8.348	7.316	1605452	2109048	1.273	1.807 #

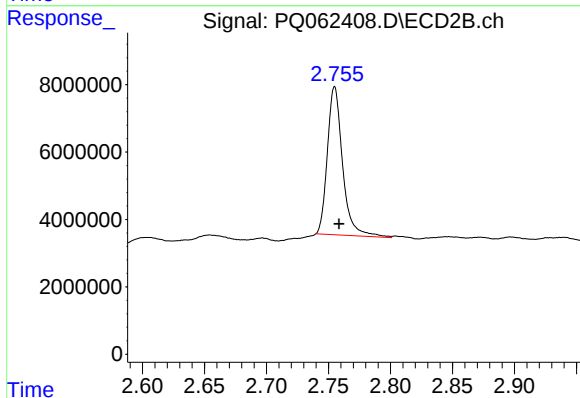
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

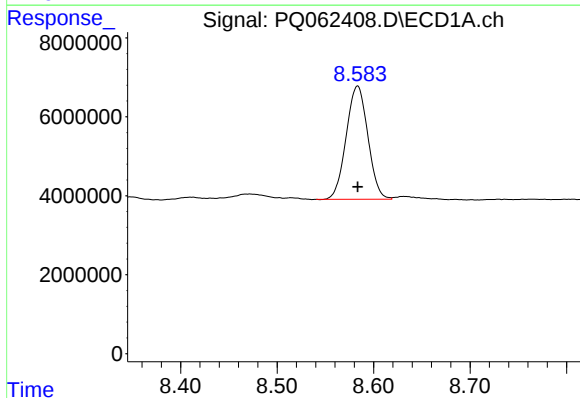
R.T.: 3.402 min
Delta R.T.: -0.002 min
Response: 54970543
Conc: 11.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



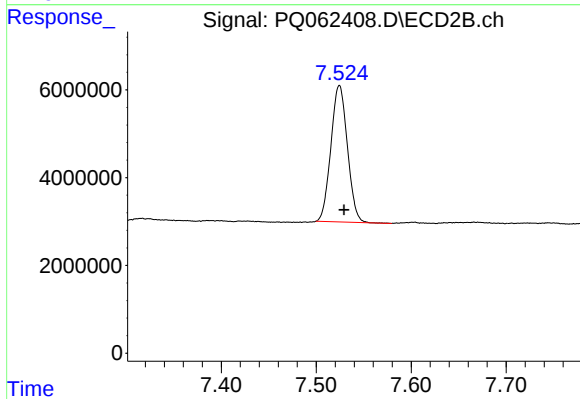
#1 Tetrachloro-m-xylene

R.T.: 2.755 min
Delta R.T.: -0.004 min
Response: 37563216
Conc: 14.97 ng/ml



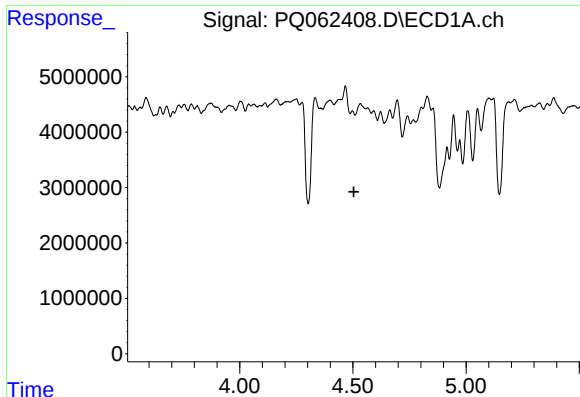
#2 Decachlorobiphenyl

R.T.: 8.583 min
Delta R.T.: 0.000 min
Response: 44895856
Conc: 12.36 ng/ml



#2 Decachlorobiphenyl

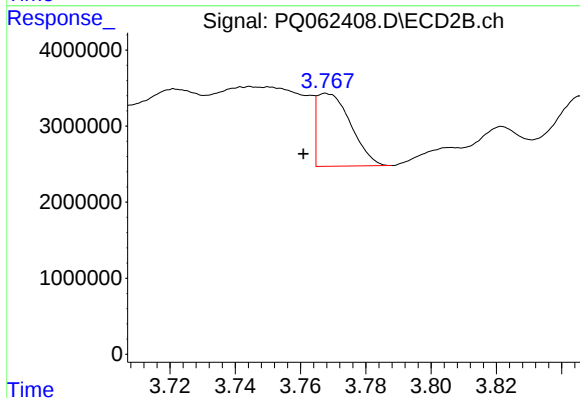
R.T.: 7.524 min
Delta R.T.: -0.005 min
Response: 37552215
Conc: 11.27 ng/ml



#3 AR-1016-1

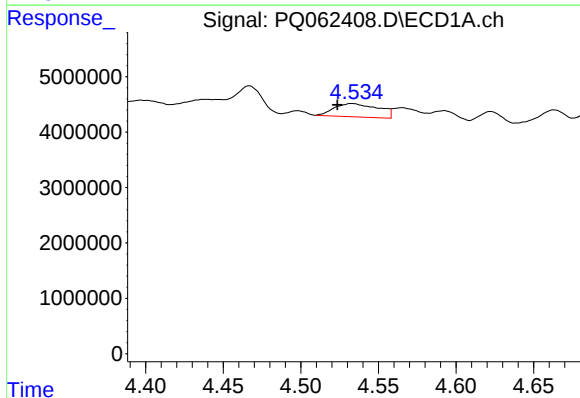
R.T.: 4.498 min
Delta R.T.: -0.007 min
Response: -755151
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



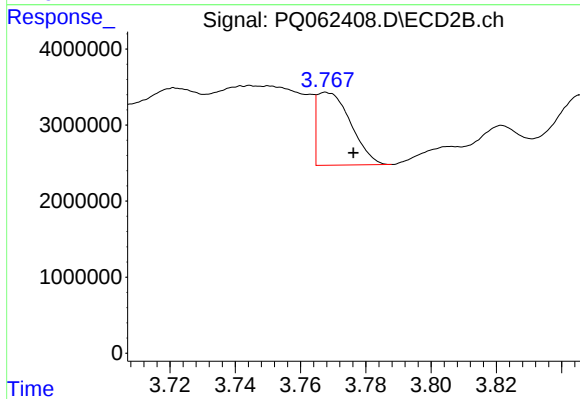
#3 AR-1016-1

R.T.: 3.768 min
Delta R.T.: 0.007 min
Response: 6960621
Conc: 70.33 ng/ml



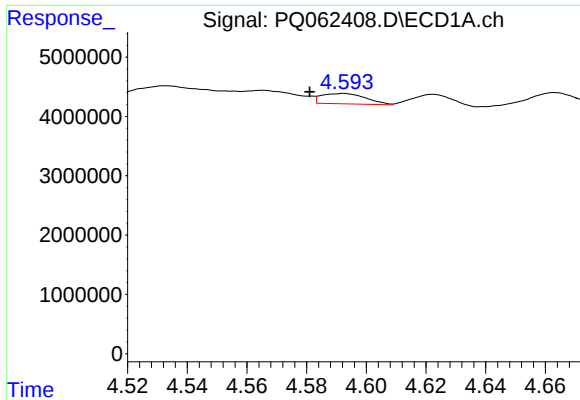
#4 AR-1016-2

R.T.: 4.533 min
Delta R.T.: 0.009 min
Response: 4761402
Conc: 19.26 ng/ml



#4 AR-1016-2

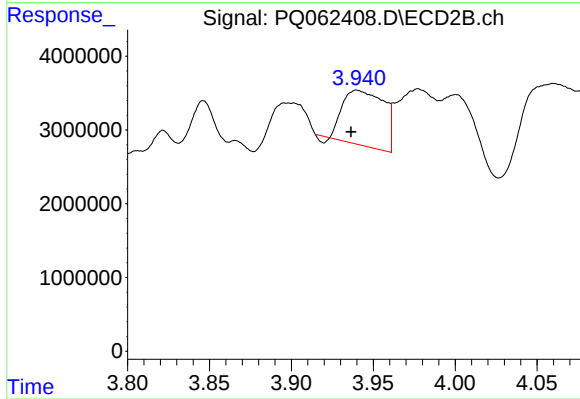
R.T.: 3.768 min
Delta R.T.: -0.008 min
Response: 6960621
Conc: 48.27 ng/ml



#5 AR-1016-3

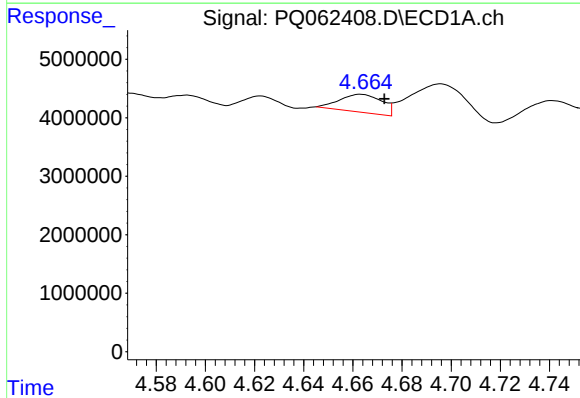
R.T.: 4.592 min
Delta R.T.: 0.011 min
Response: 1781853
Conc: 11.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



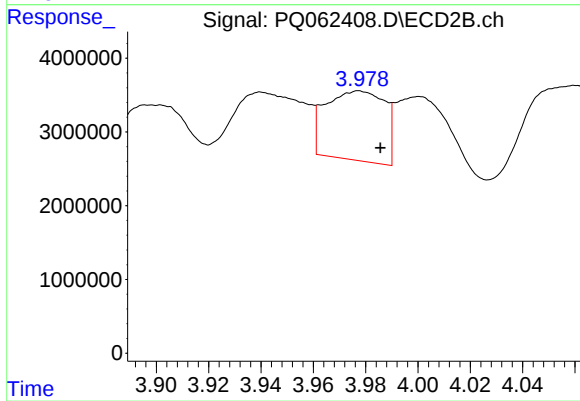
#5 AR-1016-3

R.T.: 3.940 min
Delta R.T.: 0.003 min
Response: 12988540
Conc: 172.16 ng/ml



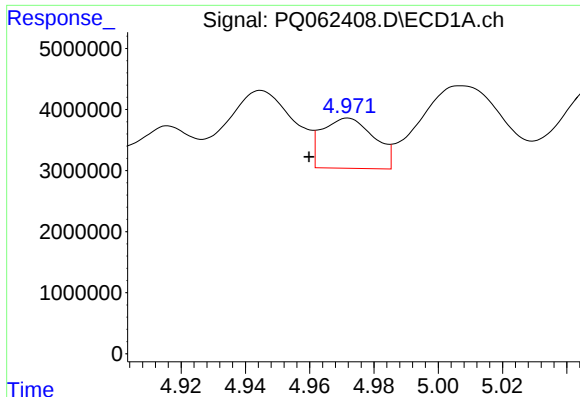
#6 AR-1016-4

R.T.: 4.663 min
Delta R.T.: -0.010 min
Response: 3684022
Conc: 29.39 ng/ml



#6 AR-1016-4

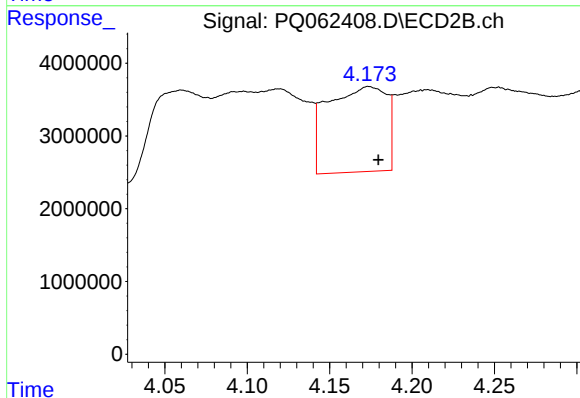
R.T.: 3.977 min
Delta R.T.: -0.008 min
Response: 14690179
Conc: 223.67 ng/ml



#7 AR-1016-5

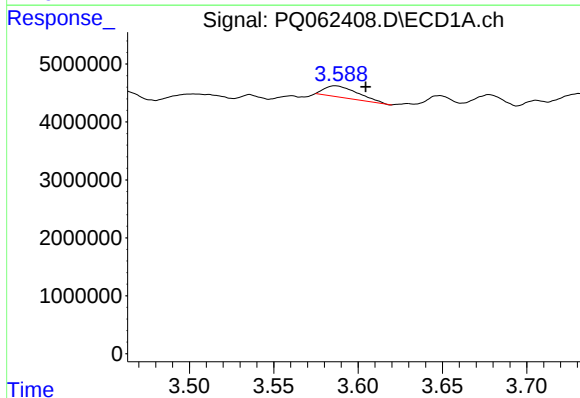
R.T.: 4.972 min
Delta R.T.: 0.012 min
Response: 9241202
Conc: 75.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



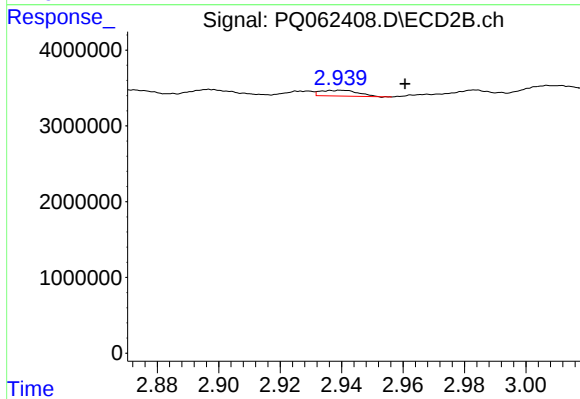
#7 AR-1016-5

R.T.: 4.174 min
Delta R.T.: -0.006 min
Response: 29219612
Conc: 356.42 ng/ml



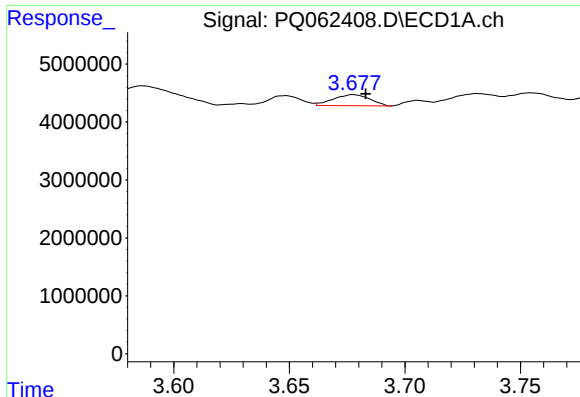
#8 AR-1221-1

R.T.: 3.587 min
Delta R.T.: -0.018 min
Response: 2651158
Conc: 44.11 ng/ml



#8 AR-1221-1

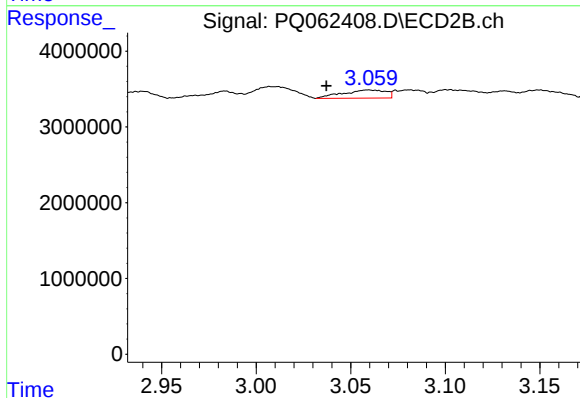
R.T.: 2.940 min
Delta R.T.: -0.021 min
Response: 653378
Conc: 19.80 ng/ml



#9 AR-1221-2

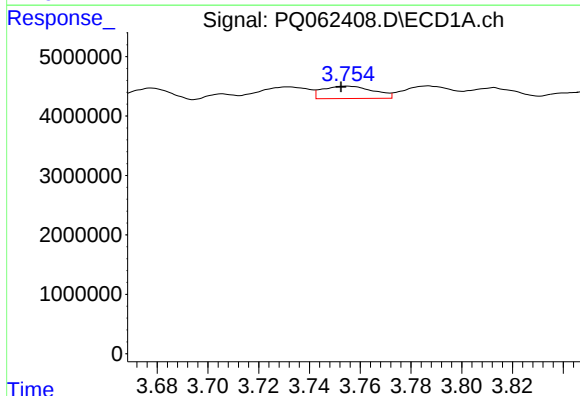
R.T.: 3.678 min
Delta R.T.: -0.005 min
Response: 2123931
Conc: 47.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



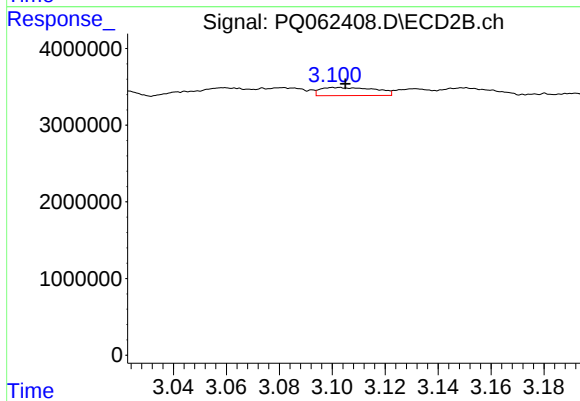
#9 AR-1221-2

R.T.: 3.059 min
Delta R.T.: 0.022 min
Response: 1699863
Conc: 66.92 ng/ml



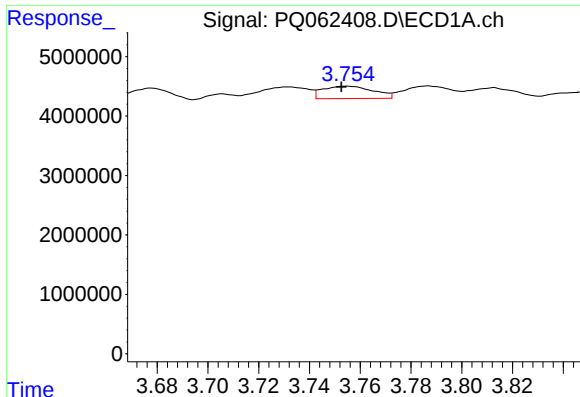
#10 AR-1221-3

R.T.: 3.755 min
Delta R.T.: 0.002 min
Response: 2894127
Conc: 20.60 ng/ml



#10 AR-1221-3

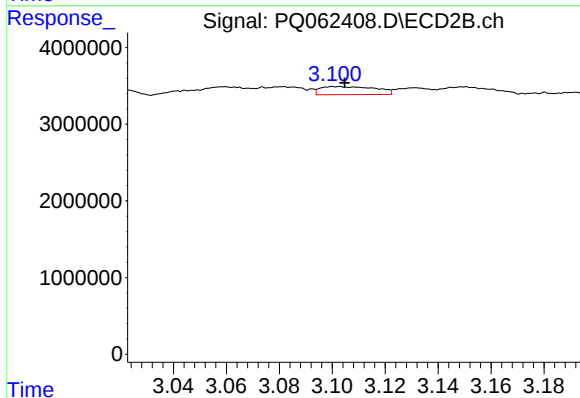
R.T.: 3.103 min
Delta R.T.: -0.002 min
Response: 1516613
Conc: 19.67 ng/ml



#11 AR-1232-1

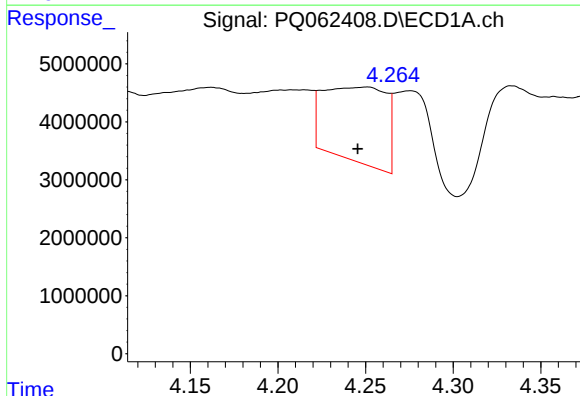
R.T.: 3.755 min
Delta R.T.: 0.002 min
Response: 2894127
Conc: 27.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



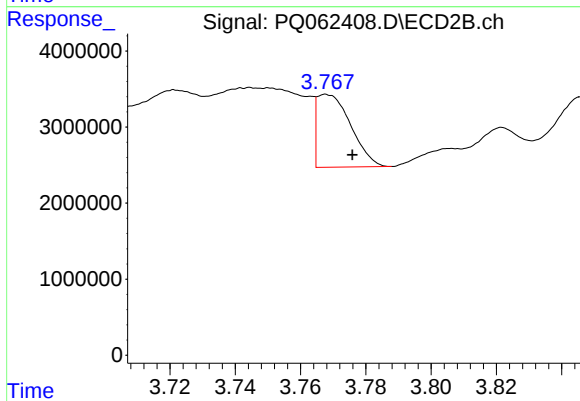
#11 AR-1232-1

R.T.: 3.103 min
Delta R.T.: -0.002 min
Response: 1516613
Conc: 26.47 ng/ml



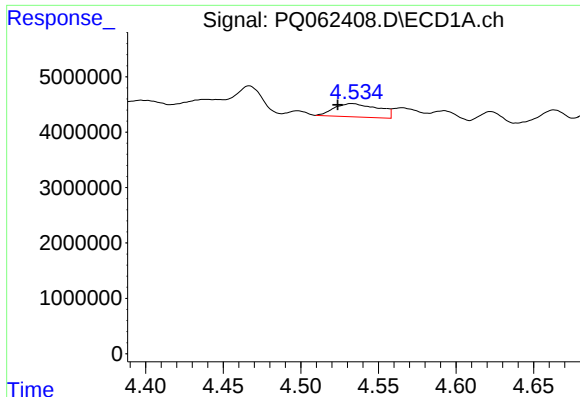
#12 AR-1232-2

R.T.: 4.251 min
Delta R.T.: 0.005 min
Response: 31984682
Conc: 540.73 ng/ml



#12 AR-1232-2

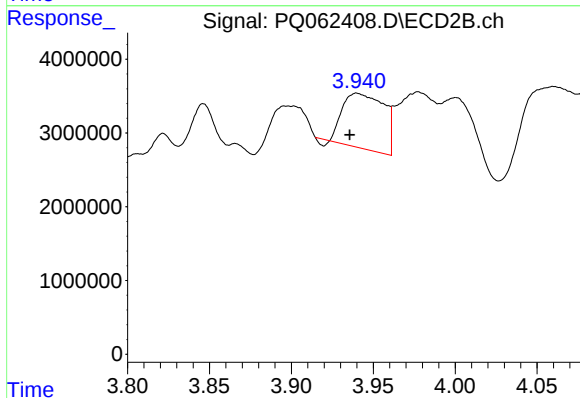
R.T.: 3.768 min
Delta R.T.: -0.008 min
Response: 6960621
Conc: 104.58 ng/ml



#13 AR-1232-3

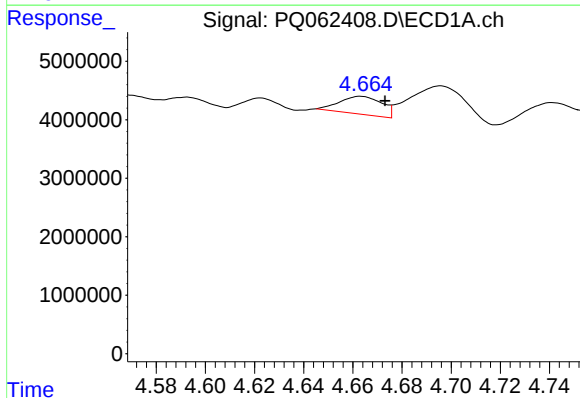
R.T.: 4.533 min
Delta R.T.: 0.009 min
Response: 4761402
Conc: 42.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



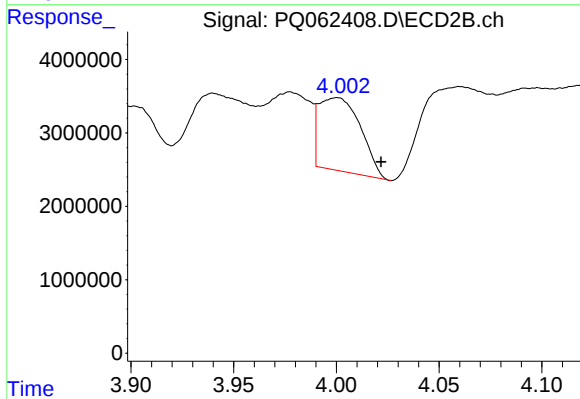
#13 AR-1232-3

R.T.: 3.940 min
Delta R.T.: 0.004 min
Response: 12988540
Conc: 375.88 ng/ml



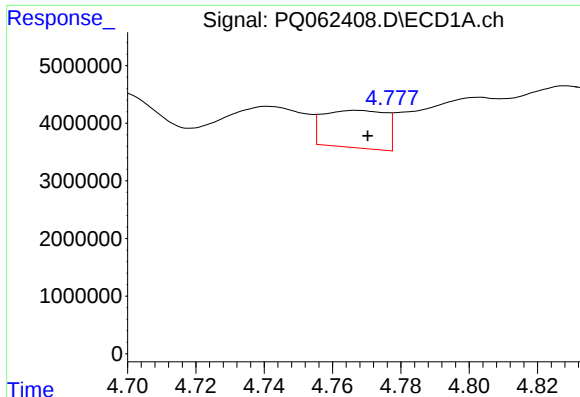
#14 AR-1232-4

R.T.: 4.663 min
Delta R.T.: -0.010 min
Response: 3684022
Conc: 65.01 ng/ml



#14 AR-1232-4

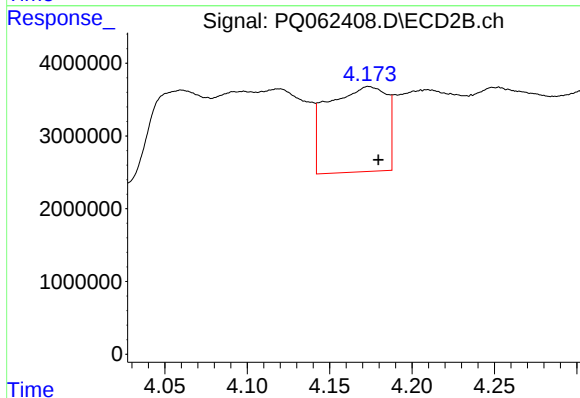
R.T.: 4.001 min
Delta R.T.: -0.021 min
Response: 14088206
Conc: 473.72 ng/ml



#15 AR-1232-5

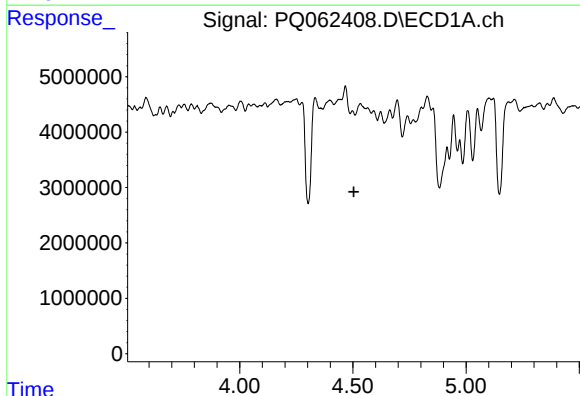
R.T.: 4.767 min
Delta R.T.: -0.003 min
Response: 8240190
Conc: 205.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



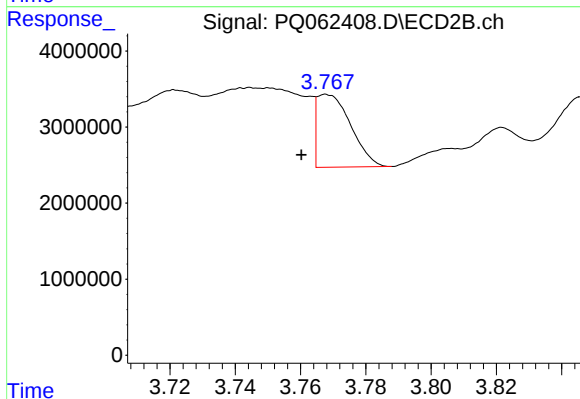
#15 AR-1232-5

R.T.: 4.174 min
Delta R.T.: -0.006 min
Response: 29219612
Conc: 819.38 ng/ml



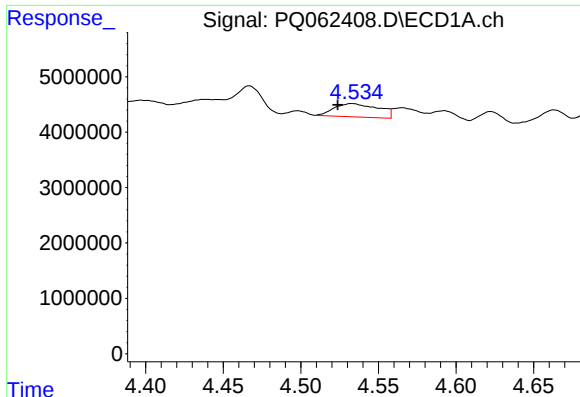
#16 AR-1242-1

R.T.: 4.498 min
Delta R.T.: -0.007 min
Response: -755151
Conc: N.D.



#16 AR-1242-1

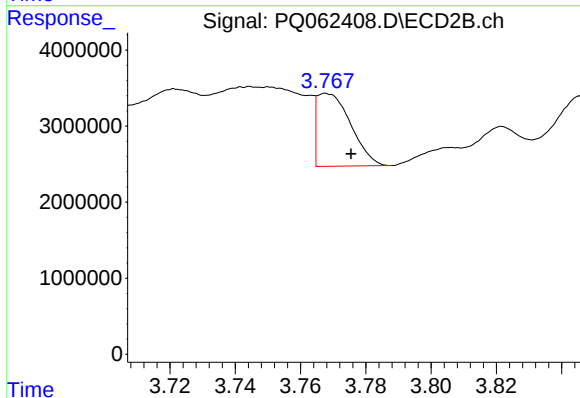
R.T.: 3.768 min
Delta R.T.: 0.008 min
Response: 6960621
Conc: 90.00 ng/ml



#17 AR-1242-2

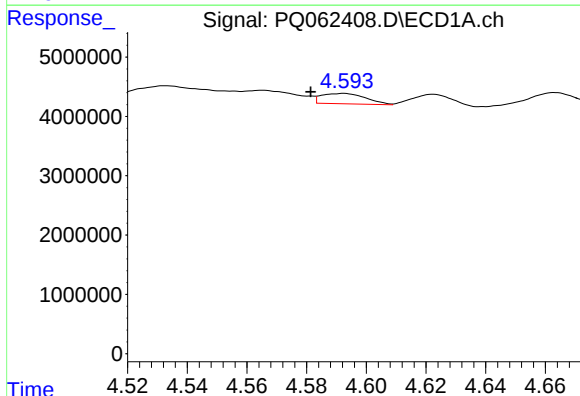
R.T.: 4.533 min
Delta R.T.: 0.009 min
Response: 4761402
Conc: 24.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



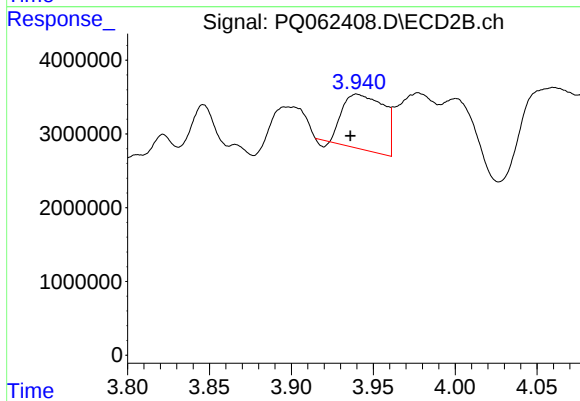
#17 AR-1242-2

R.T.: 3.768 min
Delta R.T.: -0.008 min
Response: 6960621
Conc: 62.62 ng/ml



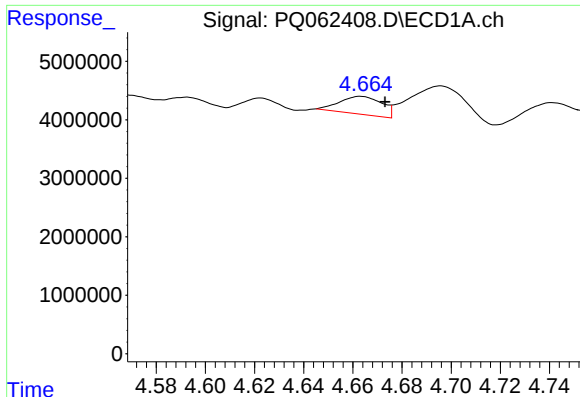
#18 AR-1242-3

R.T.: 4.592 min
Delta R.T.: 0.011 min
Response: 1781853
Conc: 14.75 ng/ml



#18 AR-1242-3

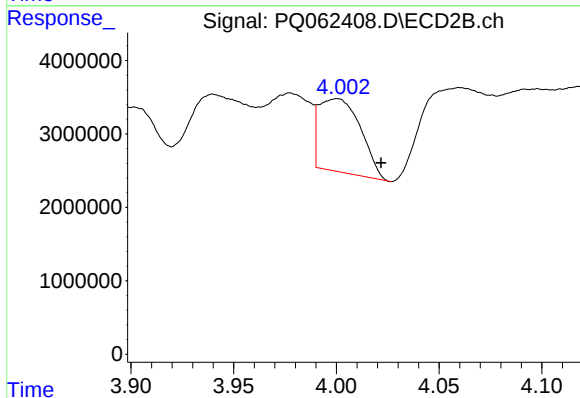
R.T.: 3.940 min
Delta R.T.: 0.004 min
Response: 12988540
Conc: 221.74 ng/ml



#19 AR-1242-4

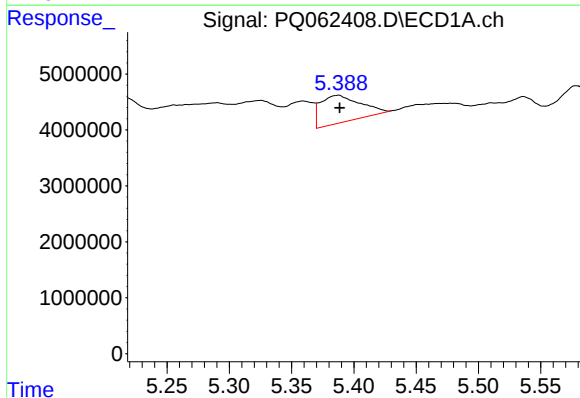
R.T.: 4.663 min
Delta R.T.: -0.010 min
Response: 3684022
Conc: 37.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



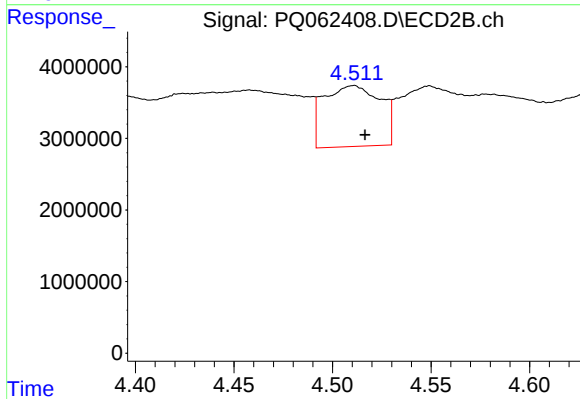
#19 AR-1242-4

R.T.: 4.001 min
Delta R.T.: -0.021 min
Response: 14088206
Conc: 240.30 ng/ml



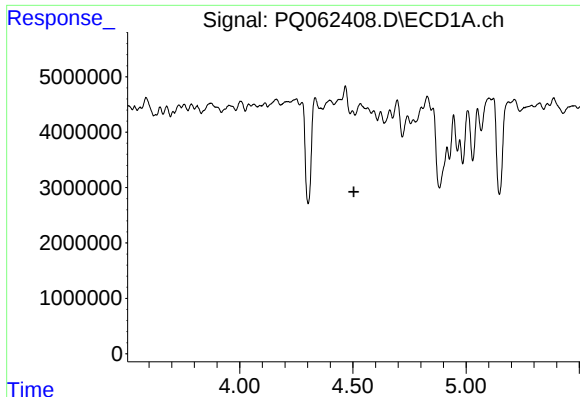
#20 AR-1242-5

R.T.: 5.387 min
Delta R.T.: -0.001 min
Response: 11520419
Conc: 120.34 ng/ml



#20 AR-1242-5

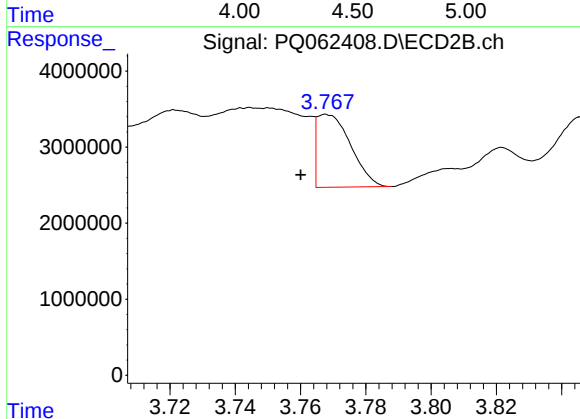
R.T.: 4.511 min
Delta R.T.: -0.005 min
Response: 17042057
Conc: 205.59 ng/ml



#21 AR-1248-1

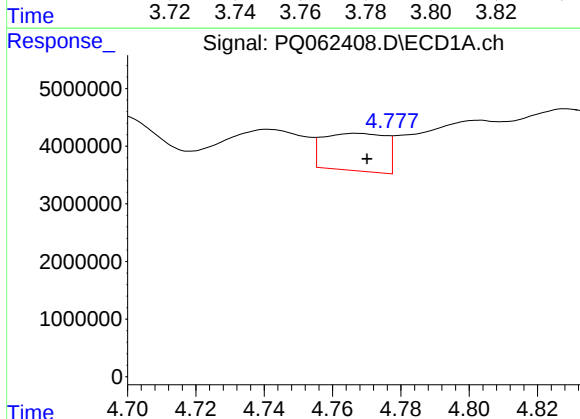
R.T.: 4.498 min
Delta R.T.: -0.007 min
Response: -755151
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



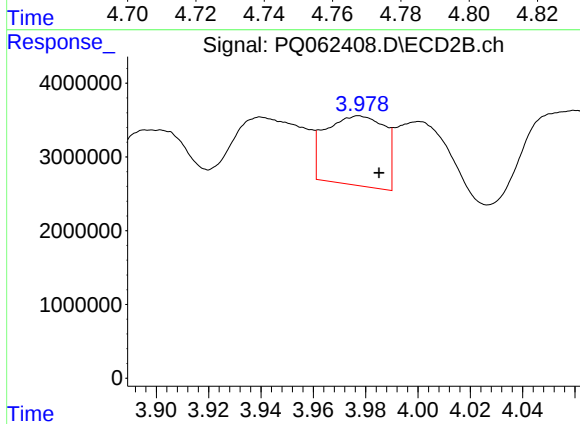
#21 AR-1248-1

R.T.: 3.768 min
Delta R.T.: 0.008 min
Response: 6960621
Conc: 111.33 ng/ml



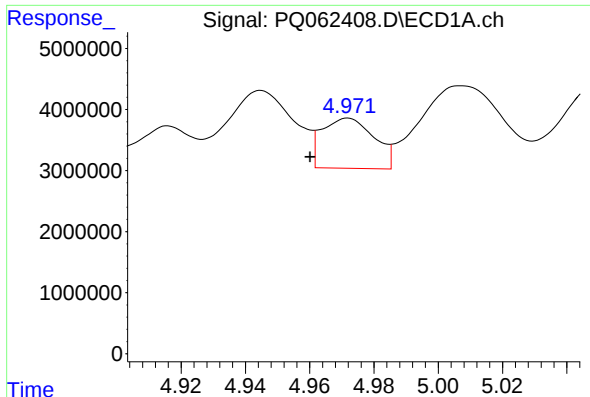
#22 AR-1248-2

R.T.: 4.767 min
Delta R.T.: -0.003 min
Response: 8240190
Conc: 57.36 ng/ml



#22 AR-1248-2

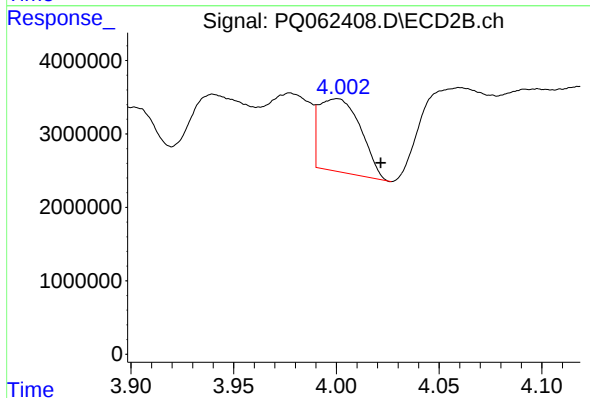
R.T.: 3.977 min
Delta R.T.: -0.008 min
Response: 14690179
Conc: 156.66 ng/ml



#23 AR-1248-3

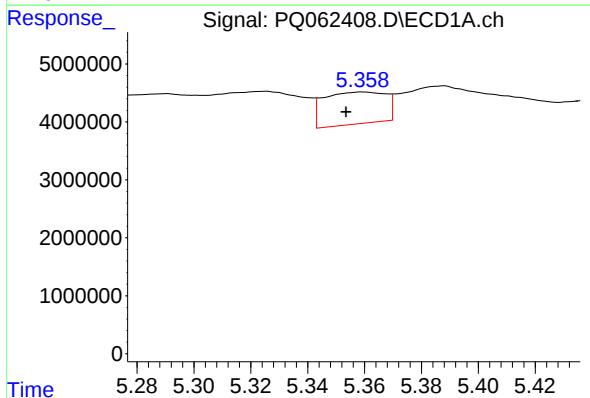
R.T.: 4.972 min
Delta R.T.: 0.012 min
Response: 9241202
Conc: 53.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



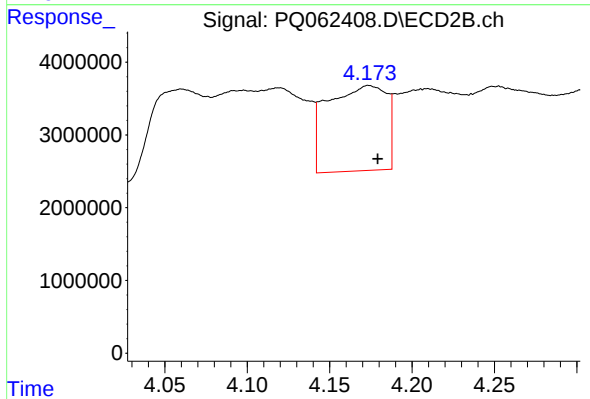
#23 AR-1248-3

R.T.: 4.001 min
Delta R.T.: -0.021 min
Response: 14088206
Conc: 155.60 ng/ml



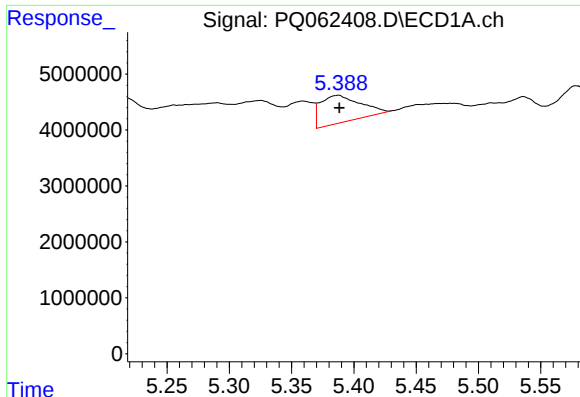
#24 AR-1248-4

R.T.: 5.359 min
Delta R.T.: 0.006 min
Response: 8323225
Conc: 43.37 ng/ml



#24 AR-1248-4

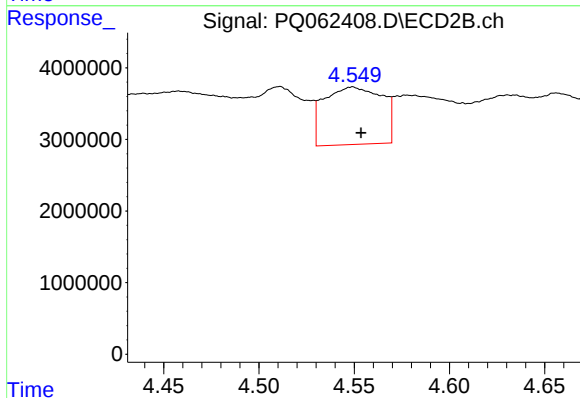
R.T.: 4.174 min
Delta R.T.: -0.006 min
Response: 29219612
Conc: 258.95 ng/ml



#25 AR-1248-5

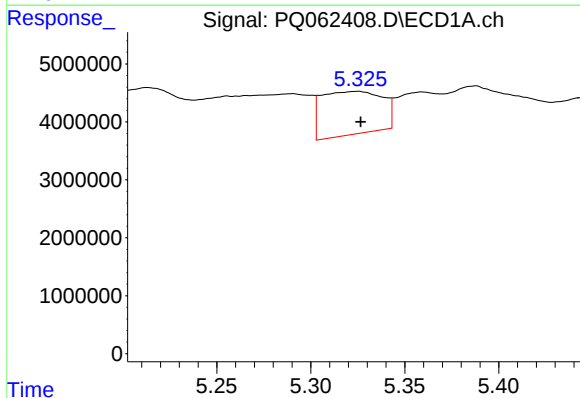
R.T.: 5.387 min
Delta R.T.: -0.001 min
Response: 11520419
Conc: 63.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



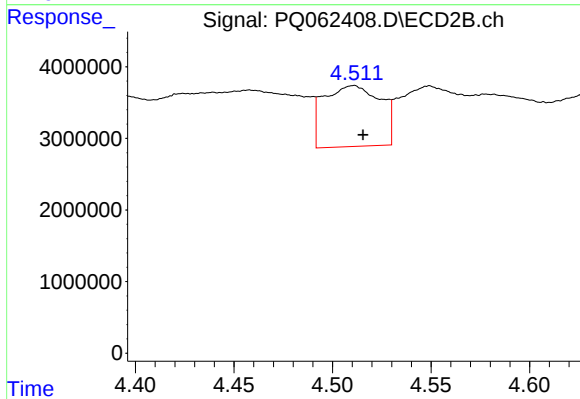
#25 AR-1248-5

R.T.: 4.549 min
Delta R.T.: -0.004 min
Response: 17051351
Conc: 152.20 ng/ml



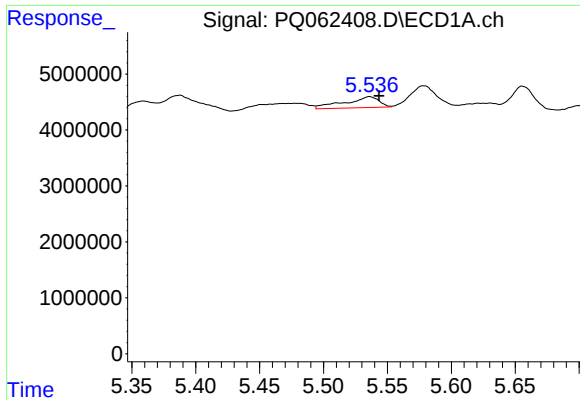
#26 AR-1254-1

R.T.: 5.325 min
Delta R.T.: -0.002 min
Response: 16802217
Conc: 90.42 ng/ml



#26 AR-1254-1

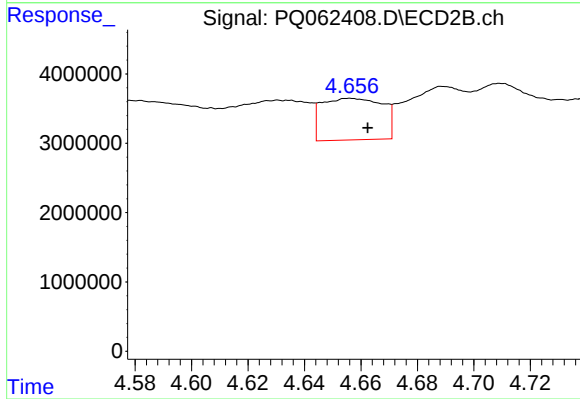
R.T.: 4.511 min
Delta R.T.: -0.004 min
Response: 17042057
Conc: 105.55 ng/ml



#27 AR-1254-2

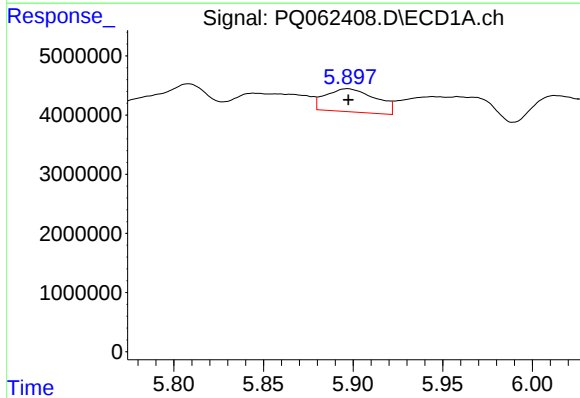
R.T.: 5.536 min
Delta R.T.: -0.008 min
Response: 3603705
Conc: 12.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



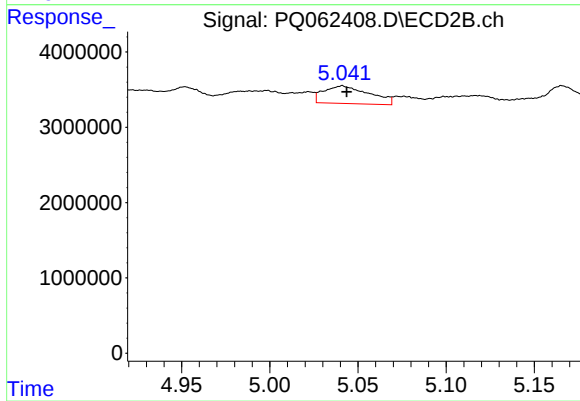
#27 AR-1254-2

R.T.: 4.656 min
Delta R.T.: -0.006 min
Response: 8999834
Conc: 61.13 ng/ml



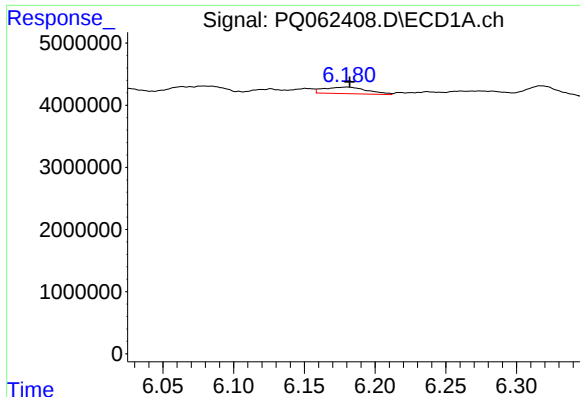
#28 AR-1254-3

R.T.: 5.897 min
Delta R.T.: 0.000 min
Response: 7562956
Conc: 24.62 ng/ml



#28 AR-1254-3

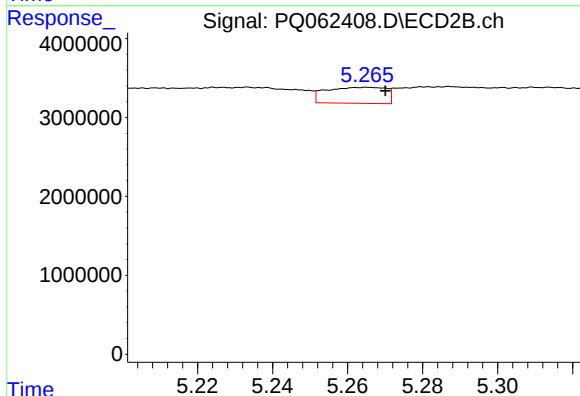
R.T.: 5.041 min
Delta R.T.: -0.002 min
Response: 4227174
Conc: 18.09 ng/ml



#29 AR-1254-4

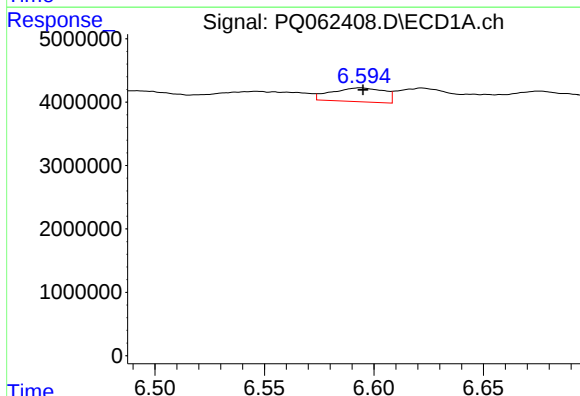
R.T.: 6.180 min
Delta R.T.: -0.002 min
Response: 2226099
Conc: 9.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



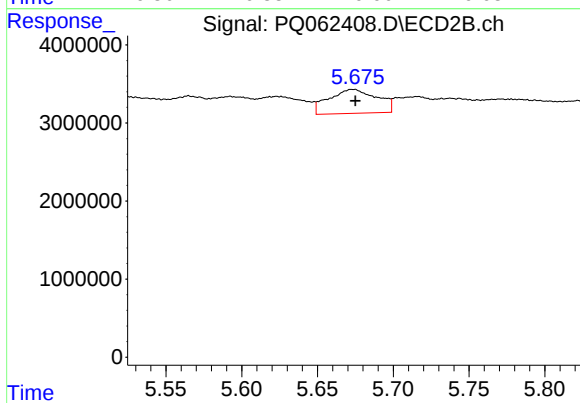
#29 AR-1254-4

R.T.: 5.265 min
Delta R.T.: -0.005 min
Response: 2260797
Conc: 14.83 ng/ml



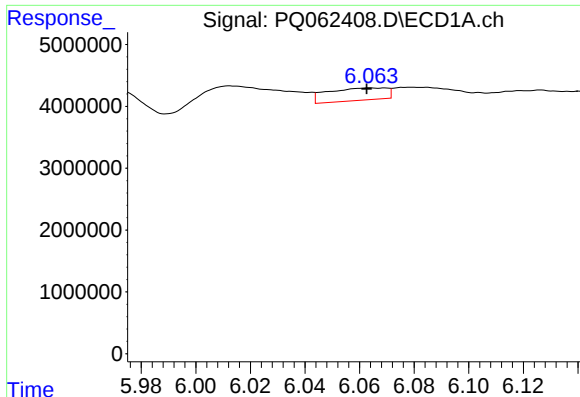
#30 AR-1254-5

R.T.: 6.594 min
Delta R.T.: -0.001 min
Response: 3636926
Conc: 14.16 ng/ml



#30 AR-1254-5

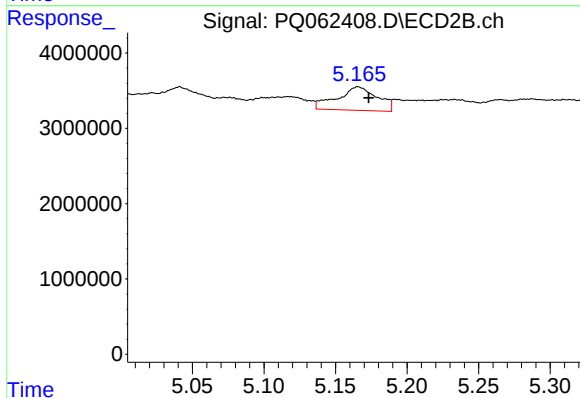
R.T.: 5.675 min
Delta R.T.: 0.000 min
Response: 6831475
Conc: 29.60 ng/ml



#31 AR-1260-1

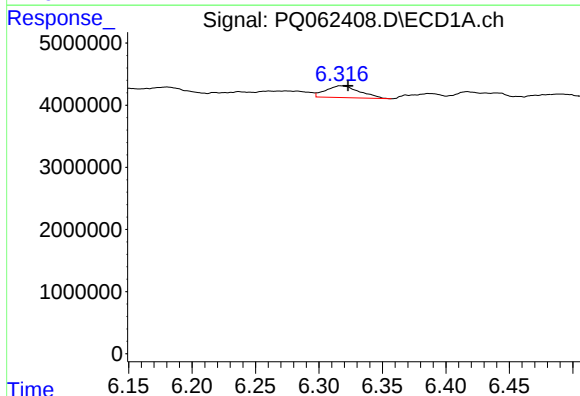
R.T.: 6.064 min
Delta R.T.: 0.001 min
Response: 3016457
Conc: 12.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



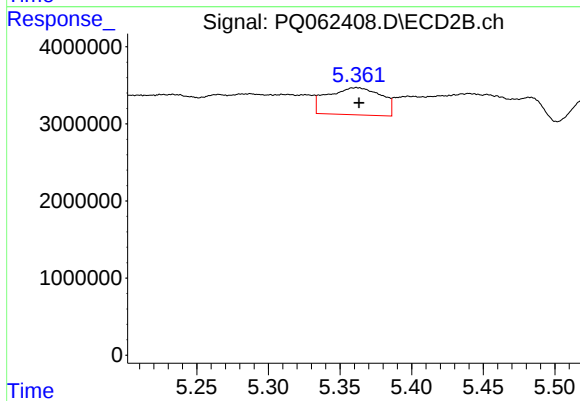
#31 AR-1260-1

R.T.: 5.166 min
Delta R.T.: -0.007 min
Response: 6085468
Conc: 36.54 ng/ml



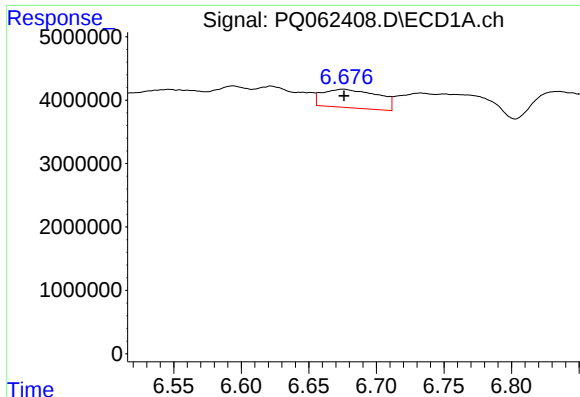
#32 AR-1260-2

R.T.: 6.317 min
Delta R.T.: -0.005 min
Response: 3520030
Conc: 12.19 ng/ml



#32 AR-1260-2

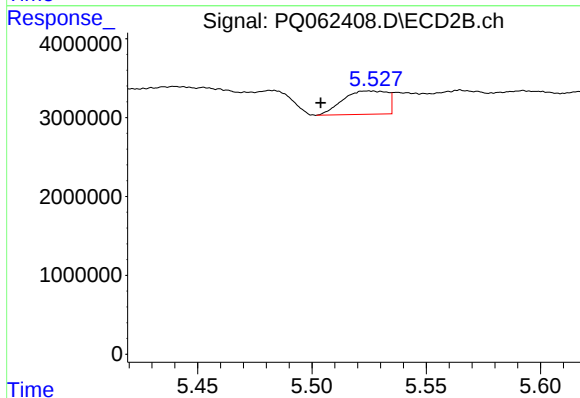
R.T.: 5.362 min
Delta R.T.: -0.002 min
Response: 9192900
Conc: 44.21 ng/ml



#33 AR-1260-3

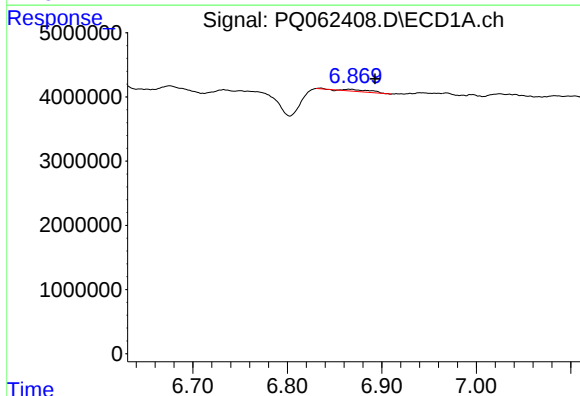
R.T.: 6.675 min
Delta R.T.: 0.000 min
Response: 8297001
Conc: 46.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



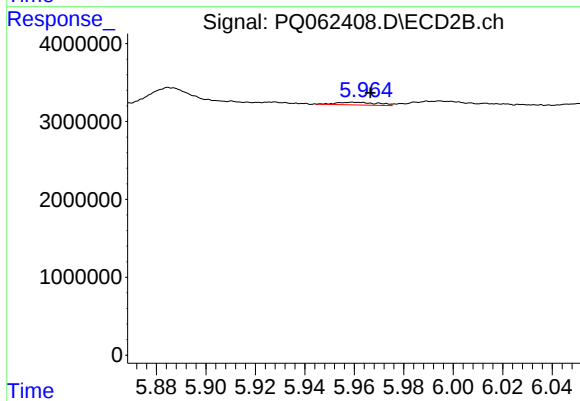
#33 AR-1260-3

R.T.: 5.525 min
Delta R.T.: 0.021 min
Response: 3997264
Conc: 20.55 ng/ml



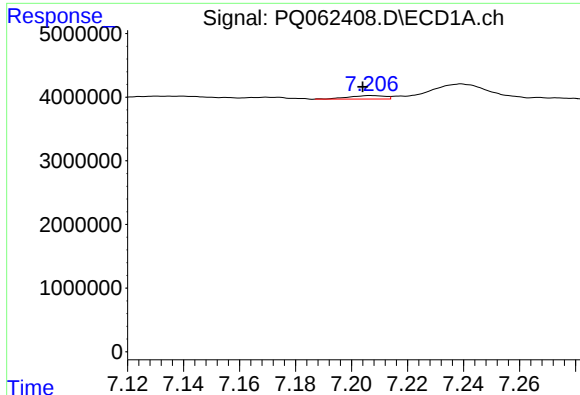
#34 AR-1260-4

R.T.: 6.866 min
Delta R.T.: -0.027 min
Response: 620552
Conc: 2.95 ng/ml



#34 AR-1260-4

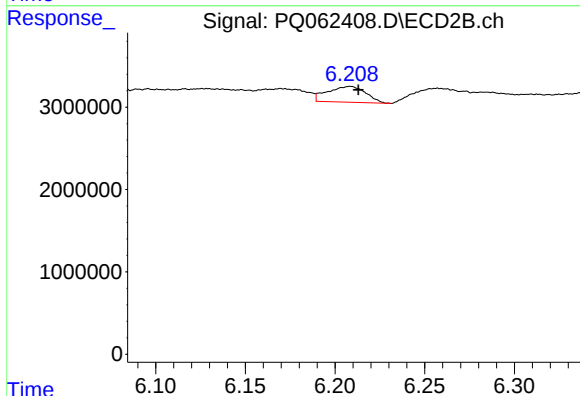
R.T.: 5.959 min
Delta R.T.: -0.007 min
Response: 408705
Conc: 2.80 ng/ml



#35 AR-1260-5

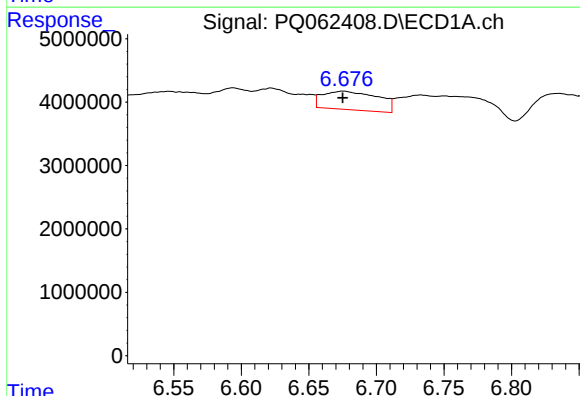
R.T.: 7.207 min
Delta R.T.: 0.003 min
Response: 495615
Conc: 1.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



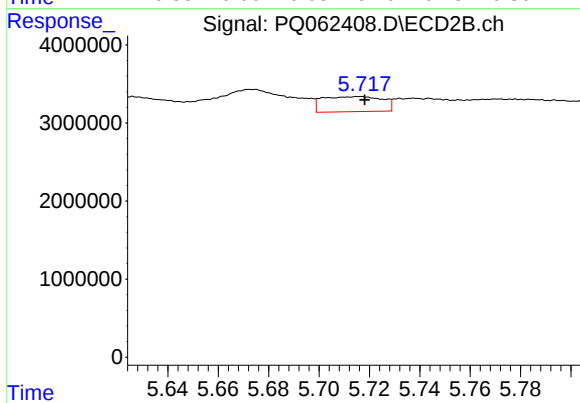
#35 AR-1260-5

R.T.: 6.209 min
Delta R.T.: -0.004 min
Response: 2857983
Conc: 8.61 ng/ml



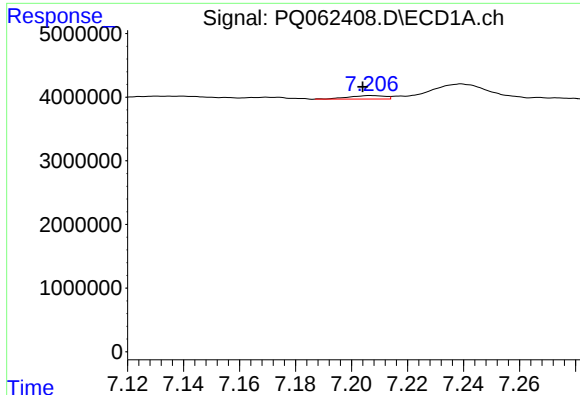
#36 AR-1262-1

R.T.: 6.675 min
Delta R.T.: 0.000 min
Response: 8297001
Conc: 27.21 ng/ml



#36 AR-1262-1

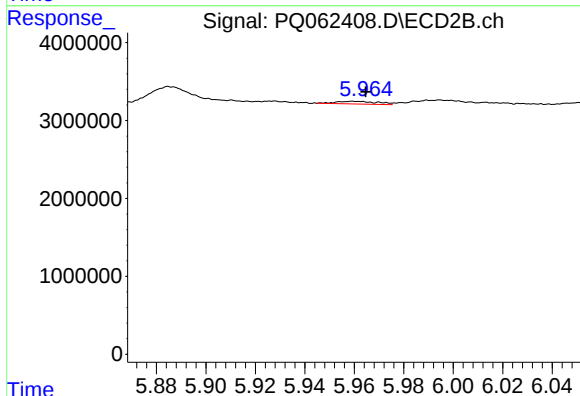
R.T.: 5.716 min
Delta R.T.: -0.002 min
Response: 3208127
Conc: 13.80 ng/ml



#37 AR-1262-2

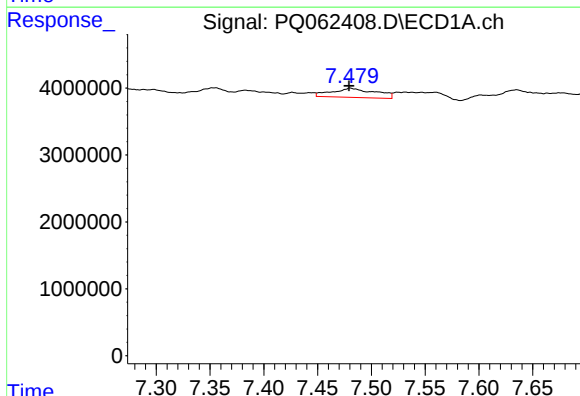
R.T.: 7.207 min
Delta R.T.: 0.003 min
Response: 495615
Conc: 0.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



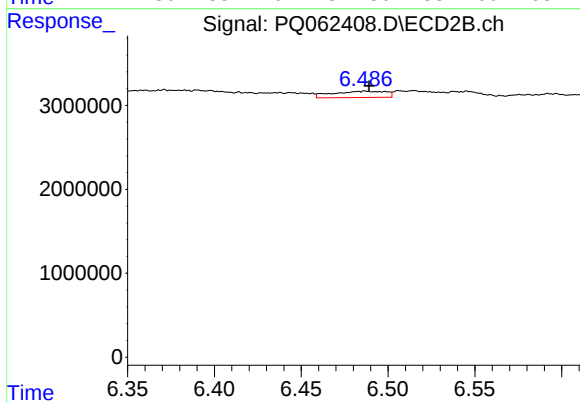
#37 AR-1262-2

R.T.: 5.959 min
Delta R.T.: -0.005 min
Response: 408705
Conc: 1.89 ng/ml



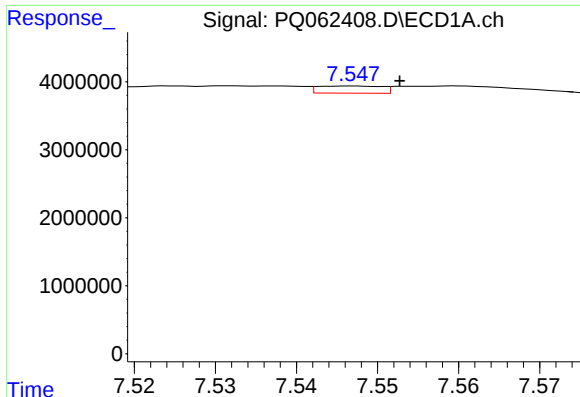
#38 AR-1262-3

R.T.: 7.480 min
Delta R.T.: 0.001 min
Response: 3861284
Conc: 10.96 ng/ml



#38 AR-1262-3

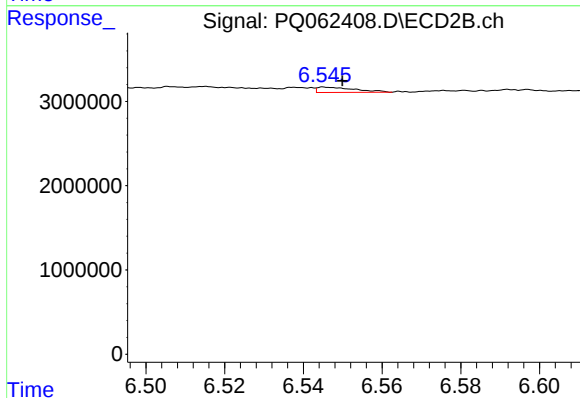
R.T.: 6.487 min
Delta R.T.: -0.002 min
Response: 1608087
Conc: 9.22 ng/ml



#39 AR-1262-4

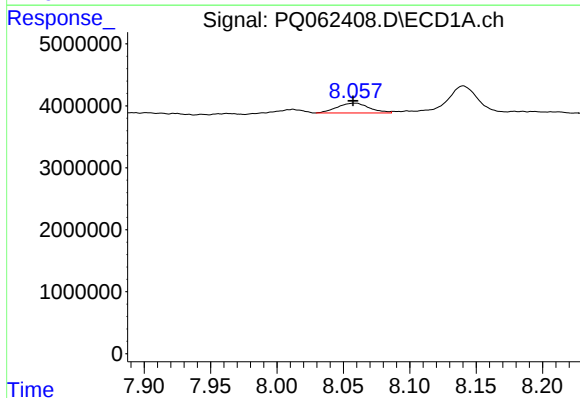
R.T.: 7.547 min
Delta R.T.: -0.006 min
Response: 584626
Conc: 2.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



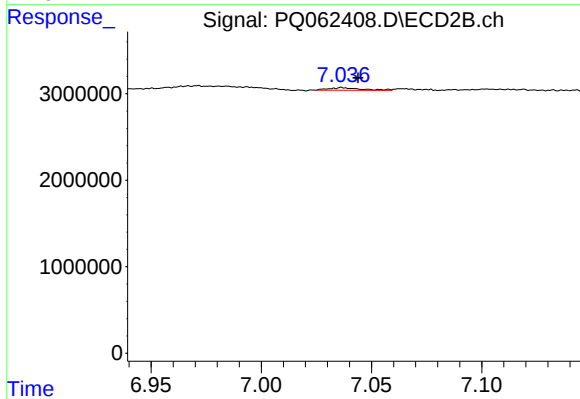
#39 AR-1262-4

R.T.: 6.545 min
Delta R.T.: -0.005 min
Response: 423605
Conc: 1.31 ng/ml



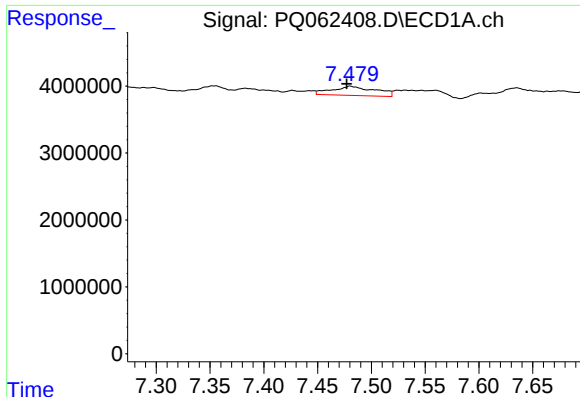
#40 AR-1262-5

R.T.: 8.058 min
Delta R.T.: 0.000 min
Response: 2666723
Conc: 15.02 ng/ml



#40 AR-1262-5

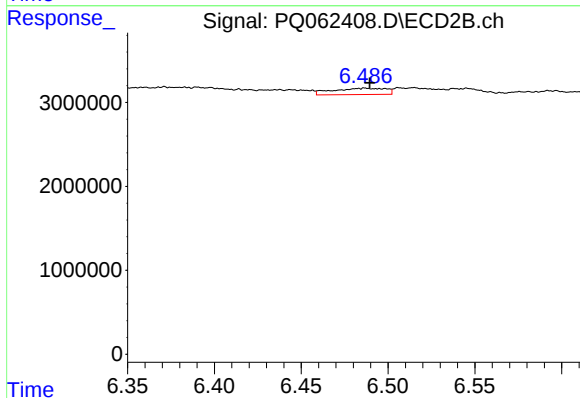
R.T.: 7.036 min
Delta R.T.: -0.008 min
Response: 295062
Conc: 1.90 ng/ml



#41 AR-1268-1

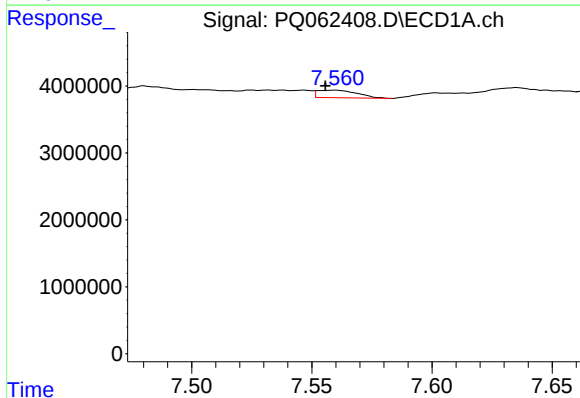
R.T.: 7.480 min
Delta R.T.: 0.003 min
Response: 3861284
Conc: 6.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



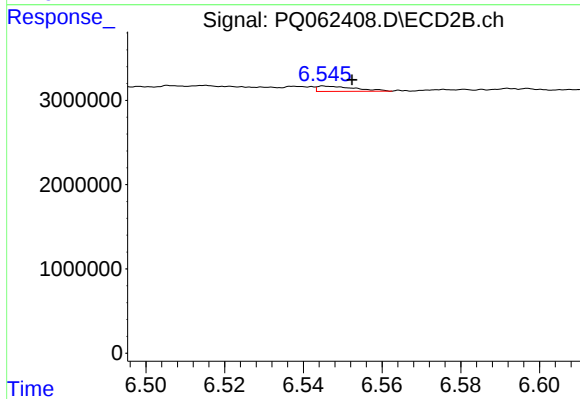
#41 AR-1268-1

R.T.: 6.487 min
Delta R.T.: -0.003 min
Response: 1608087
Conc: 3.42 ng/ml



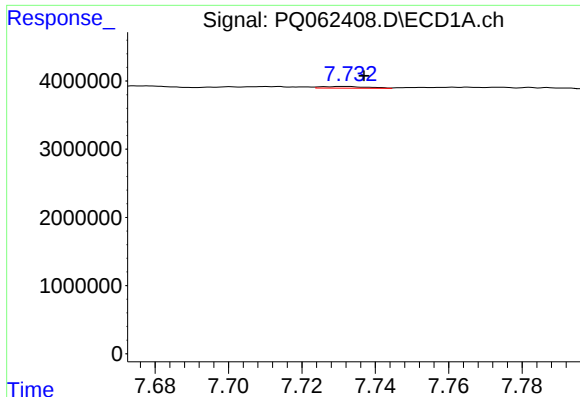
#42 AR-1268-2

R.T.: 7.560 min
Delta R.T.: 0.004 min
Response: 1283738
Conc: 2.52 ng/ml



#42 AR-1268-2

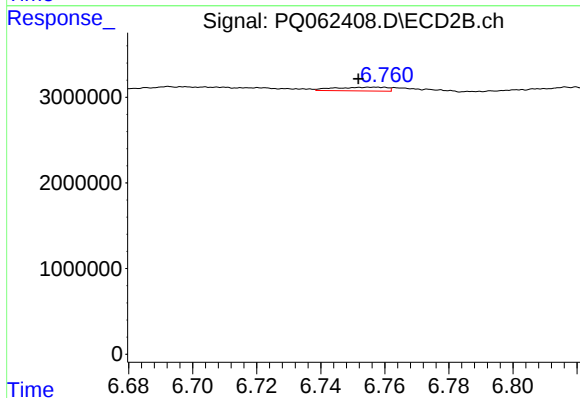
R.T.: 6.545 min
Delta R.T.: -0.007 min
Response: 423605
Conc: 1.00 ng/ml



#43 AR-1268-3

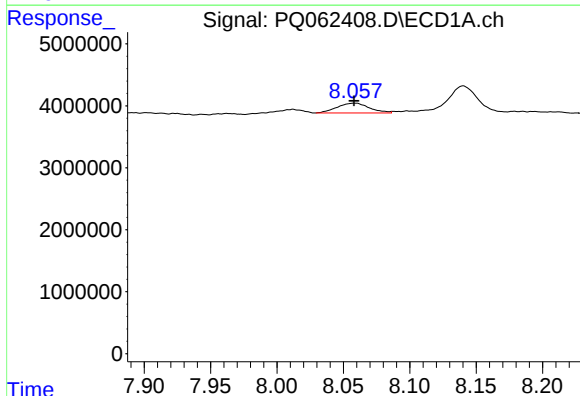
R.T.: 7.731 min
Delta R.T.: -0.005 min
Response: 208106
Conc: 0.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



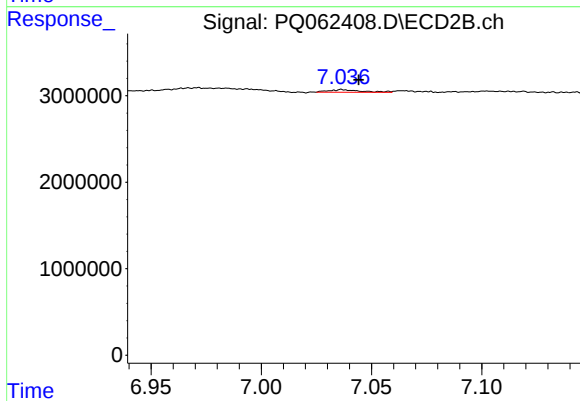
#43 AR-1268-3

R.T.: 6.760 min
Delta R.T.: 0.008 min
Response: 490876
Conc: 1.33 ng/ml



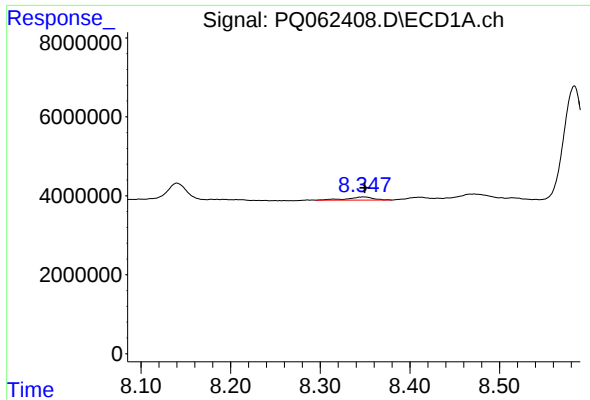
#44 AR-1268-4

R.T.: 8.058 min
Delta R.T.: 0.000 min
Response: 2666723
Conc: 14.57 ng/ml



#44 AR-1268-4

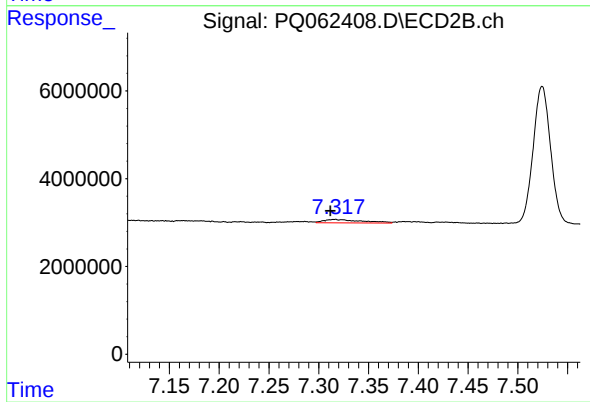
R.T.: 7.036 min
Delta R.T.: -0.008 min
Response: 295062
Conc: 1.84 ng/ml



#45 AR-1268-5

R.T.: 8.348 min
Delta R.T.: -0.002 min
Response: 1605452
Conc: 1.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.316 min
Delta R.T.: 0.004 min
Response: 2109048
Conc: 1.81 ng/ml