

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ121323\
 Data File : PQ064504.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Dec 2023 01:26
 Operator : YP\AJ
 Sample : 05768-02 10X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 ELZ-23-00118

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 14 03:24:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ120823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 09 05:18:21 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...	3.461	2.772	4744460	5505493	1.144	1.311
2) SA Decachlor...	8.697	7.570	2184290	5920574	0.745	1.467 #
Target Compounds						
3) L1 AR-1016-1	4.543f	3.801	11452839	-232063	89.892	N.D. #
4) L1 AR-1016-2	4.620f	3.801	4158993	-232063	21.668	N.D. #
5) L1 AR-1016-3	4.665	3.965	2715028	1602835	22.882	16.472 #
6) L1 AR-1016-4	4.752	4.012	824576	1255008	8.878	15.028 #
7) L1 AR-1016-5	5.020	4.203	3667473	2800487	37.643	27.662 #
8) L2 AR-1221-1	3.650	2.987	1969205	557212	38.784	9.840 #
9) L2 AR-1221-2	3.712f	3.056	3137474	287896	85.633	6.834 #
10) L2 AR-1221-3	3.823	3.084f	904447	350571	7.998	2.753 #
11) L3 AR-1232-1	3.823	3.084f	904447	350571	10.480	3.640 #
12) L3 AR-1232-2	4.314	3.801	10037152	-232063	205.753	N.D. #
13) L3 AR-1232-3	4.620f	3.965	4158993	1602835	48.722	36.001 #
14) L3 AR-1232-4	4.752	4.028	824576	6045956	20.015	158.262 #
15) L3 AR-1232-5	4.829	4.203	1561992	2800487	51.086	65.804 #
16) L4 AR-1242-1	4.543f	3.801	11452839	-232063	110.507	N.D. #
17) L4 AR-1242-2	4.620f	3.801	4158993	-232063	26.808	N.D. #
18) L4 AR-1242-3	4.665	3.965	2715028	1602835	28.031	19.544 #
19) L4 AR-1242-4	4.752	4.028	824576	6045956	10.847	77.485 #
20) L4 AR-1242-5	5.451	4.539	2578944	8530764	31.066	88.462 #
21) L5 AR-1248-1	4.543f	3.801	11452839	-232063	147.065	N.D. #
22) L5 AR-1248-2	4.829	4.012	1561992	1255008	13.996	10.238 #
23) L5 AR-1248-3	5.020	4.028	3667473	6045956	27.558	51.812 #
24) L5 AR-1248-4	5.431	4.203	2777209	2800487	19.404	19.977
25) L5 AR-1248-5	5.451	4.583	2578944	18059655	18.392	135.716 #
26) L6 AR-1254-1	5.380	4.539	9209954	8530764	60.130	40.742 #
27) L6 AR-1254-2	5.597	4.696	1033080	1886680	4.424	10.199 #
28) L6 AR-1254-3	5.962	5.064	5482540	4912775	22.305	17.365
29) L6 AR-1254-4	6.264	5.300	446415	12244275	2.569	65.955 #
30) L6 AR-1254-5	6.685	5.707	1238364	1792872	6.416	6.905
31) L7 AR-1260-1	6.144	5.213	1298875	3847263	6.936	19.894 #
32) L7 AR-1260-2	6.395	5.392	2644774	2334859	12.199	10.033
33) L7 AR-1260-3	6.749	5.524	688225	1139578	4.222	5.243
34) L7 AR-1260-4	6.997	6.019	2060045	12884970	12.009	69.952 #
35) L7 AR-1260-5	7.266f	6.239	5135448	131929	15.200	0.304 #
36) L8 AR-1262-1	6.749	5.799	688225	541528	2.797	4.754 #
37) L8 AR-1262-2	7.266	6.019	5135448	12884970	12.810	50.581 #
38) L8 AR-1262-3	7.579	6.516	302287	50395	1.118	0.224 #
39) L8 AR-1262-4	7.664	6.581	2652557	2777348	12.569	6.417 #
41) L9 AR-1268-1	7.579	6.516	302287	50395	0.632	0.077 #
42) L9 AR-1268-2	7.664	6.581	2652557	2777348	6.100	4.474 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ121323\
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 Acq On : 14 Dec 2023 01:26
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Instrument :
 ECD_Q
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 ELZ-23-00118

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 14 03:24:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ120823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 09 05:18:21 2023
 Response via : Initial Calibration
 Integrator: ChemStation

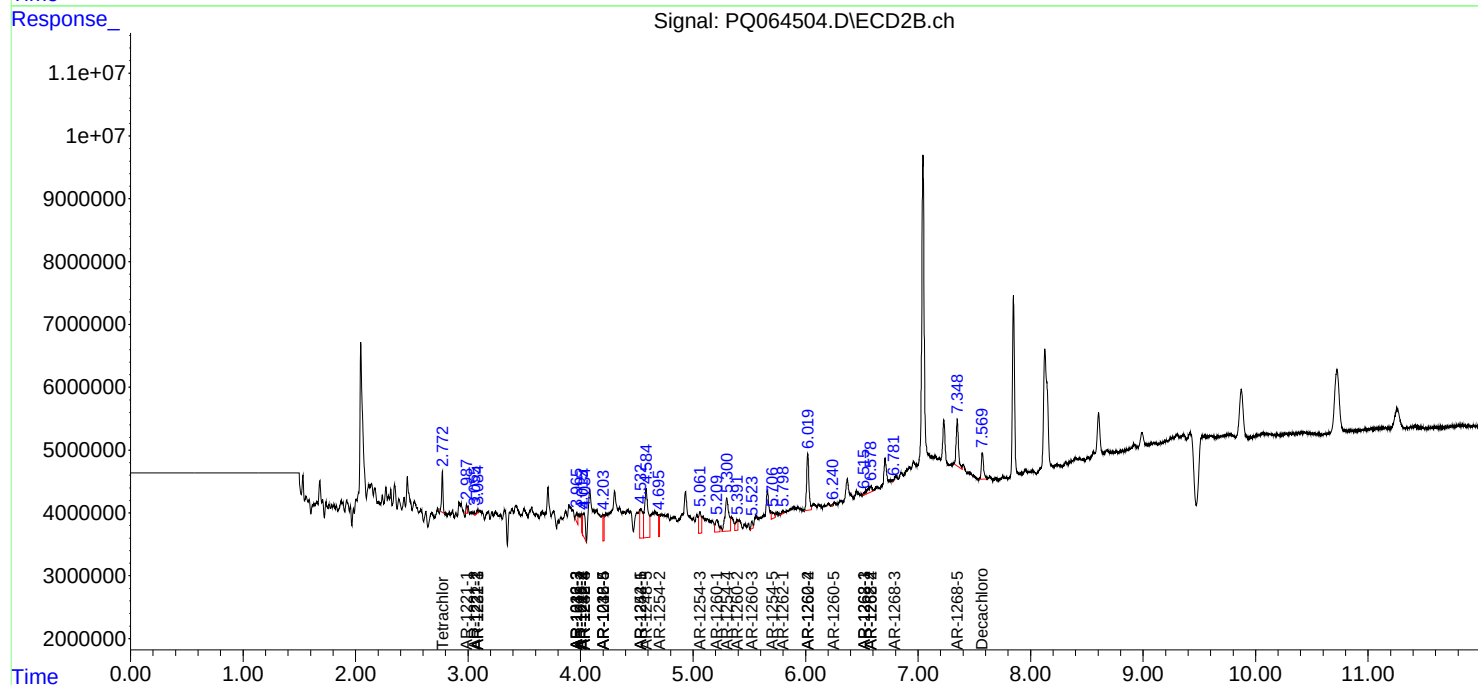
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

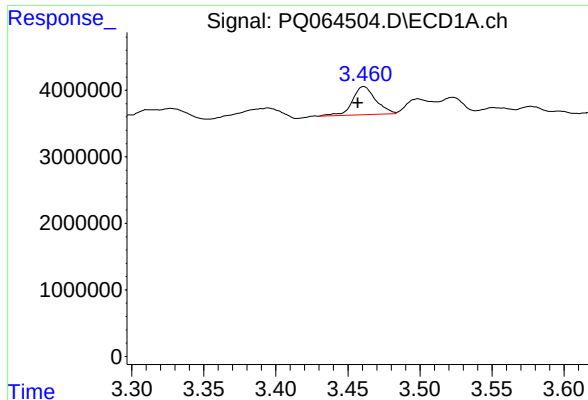
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43)	L9 AR-1268-3	7.808	6.781	10497982	23568	27.777	0.037 #
45)	L9 AR-1268-5	8.427	7.348	25792802	10343367	23.715	5.475 #

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

Instrument :
ECD_Q
ClientSampleId :
ELZ-23-00118

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

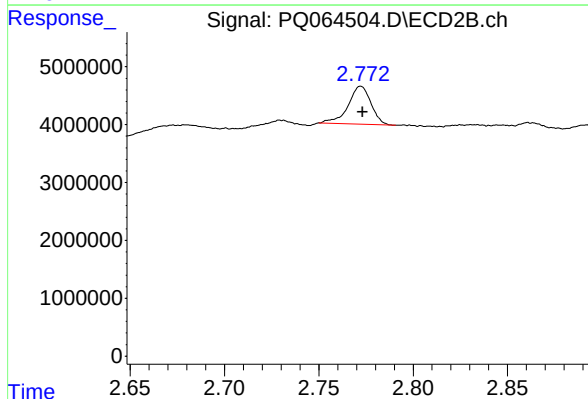




#1 Tetrachloro-m-xylene

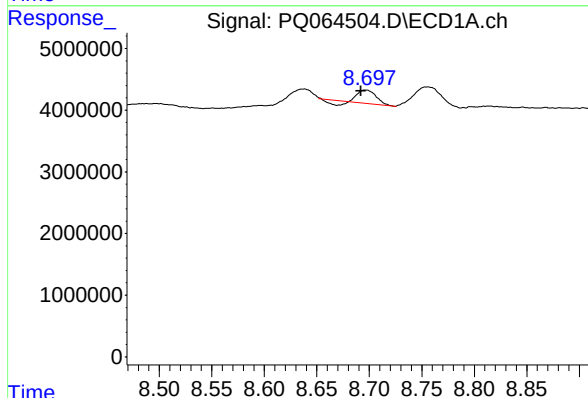
R.T.: 3.461 min
Delta R.T.: 0.004 min
Response: 4744460
Conc: 1.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ELZ-23-00118



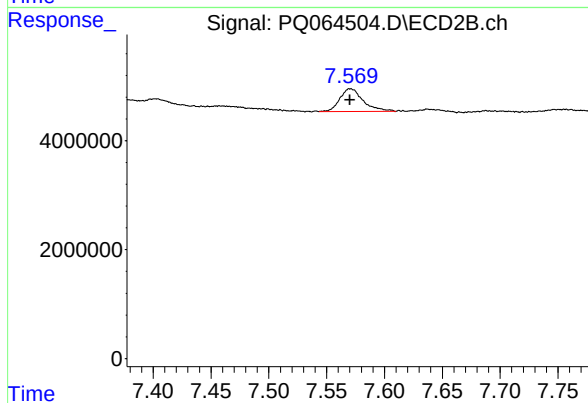
#1 Tetrachloro-m-xylene

R.T.: 2.772 min
Delta R.T.: 0.000 min
Response: 5505493
Conc: 1.31 ng/ml



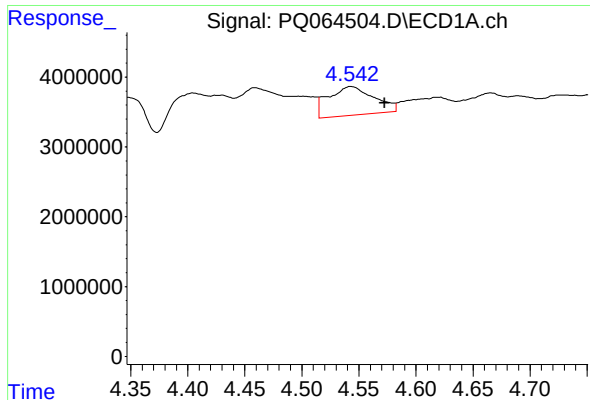
#2 Decachlorobiphenyl

R.T.: 8.697 min
Delta R.T.: 0.005 min
Response: 2184290
Conc: 0.75 ng/ml



#2 Decachlorobiphenyl

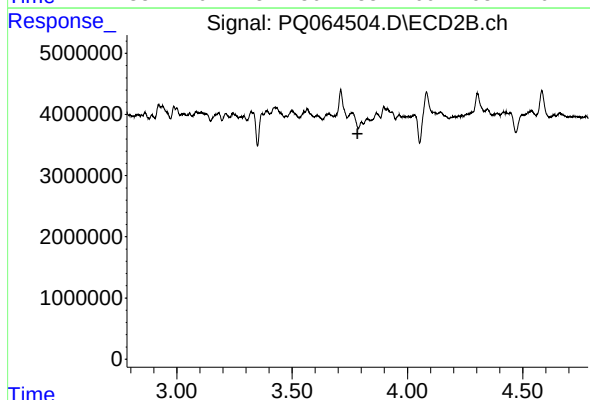
R.T.: 7.570 min
Delta R.T.: 0.000 min
Response: 5920574
Conc: 1.47 ng/ml



#3 AR-1016-1

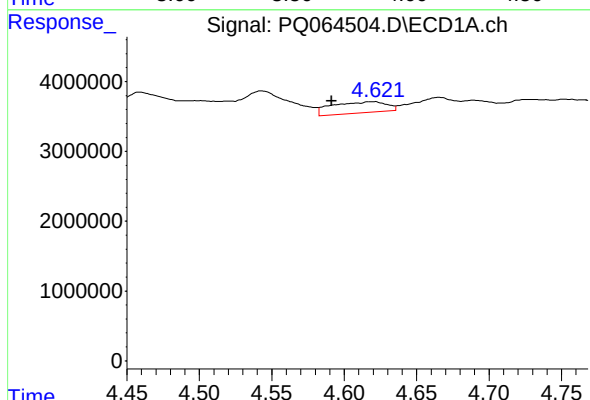
R.T.: 4.543 min
Delta R.T.: -0.030 min
Response: 11452839
Conc: 89.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ELZ-23-00118



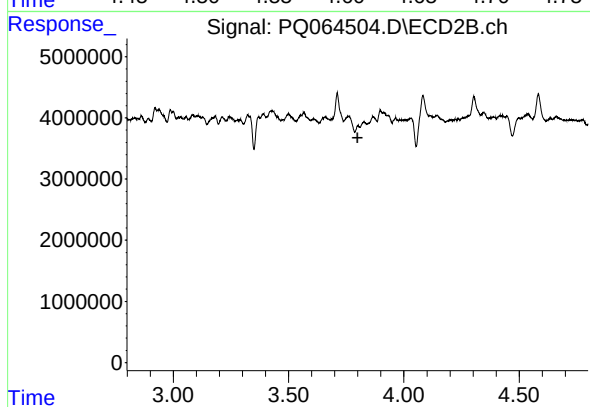
#3 AR-1016-1

R.T.: 3.801 min
Delta R.T.: 0.017 min
Response: -232063
Conc: N.D.



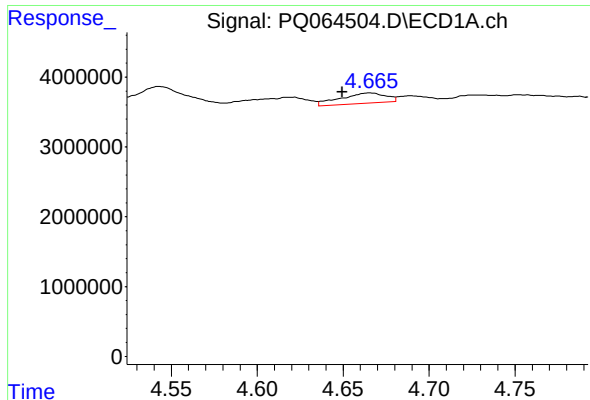
#4 AR-1016-2

R.T.: 4.620 min
Delta R.T.: 0.029 min
Response: 4158993
Conc: 21.67 ng/ml



#4 AR-1016-2

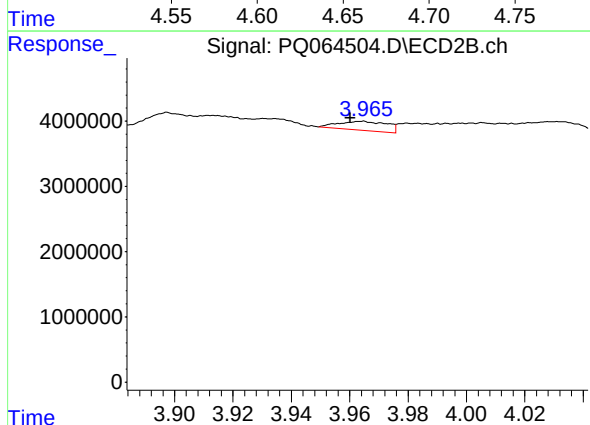
R.T.: 3.801 min
Delta R.T.: 0.002 min
Response: -232063
Conc: N.D.



#5 AR-1016-3

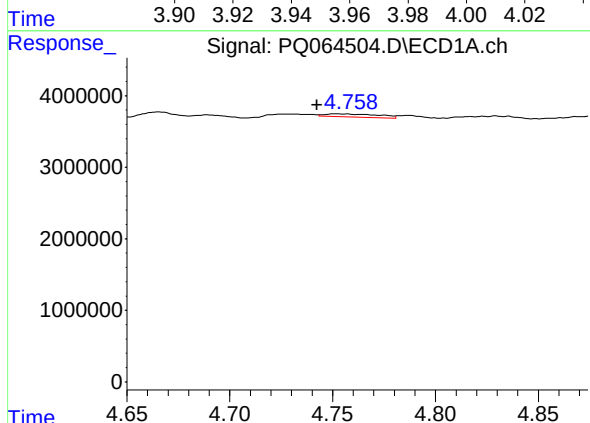
R.T.: 4.665 min
Delta R.T.: 0.016 min
Response: 2715028
Conc: 22.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ELZ-23-00118



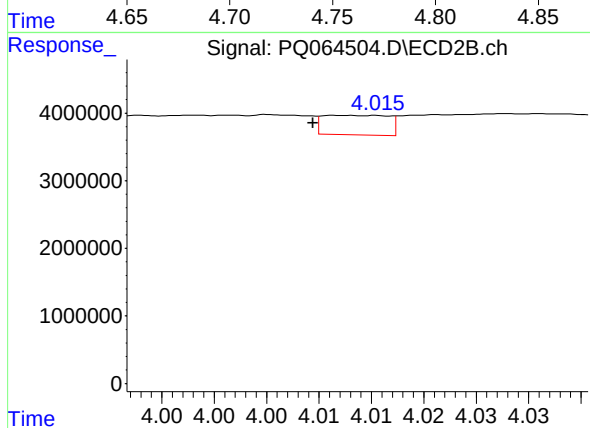
#5 AR-1016-3

R.T.: 3.965 min
Delta R.T.: 0.004 min
Response: 1602835
Conc: 16.47 ng/ml



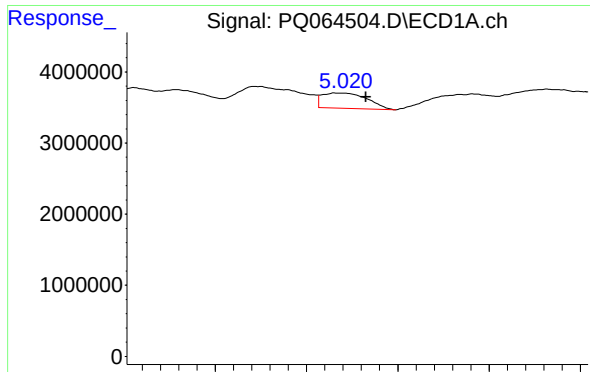
#6 AR-1016-4

R.T.: 4.752 min
Delta R.T.: 0.010 min
Response: 824576
Conc: 8.88 ng/ml



#6 AR-1016-4

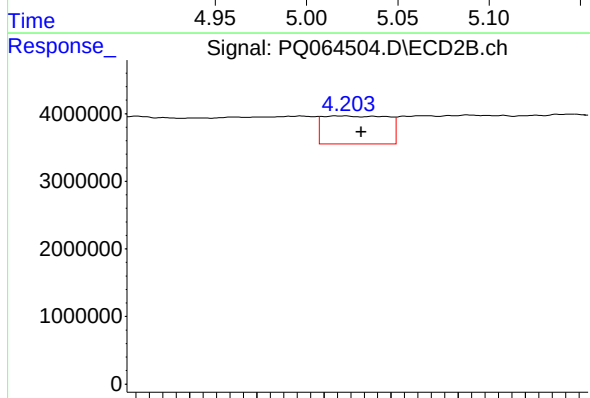
R.T.: 4.012 min
Delta R.T.: 0.003 min
Response: 1255008
Conc: 15.03 ng/ml



#7 AR-1016-5

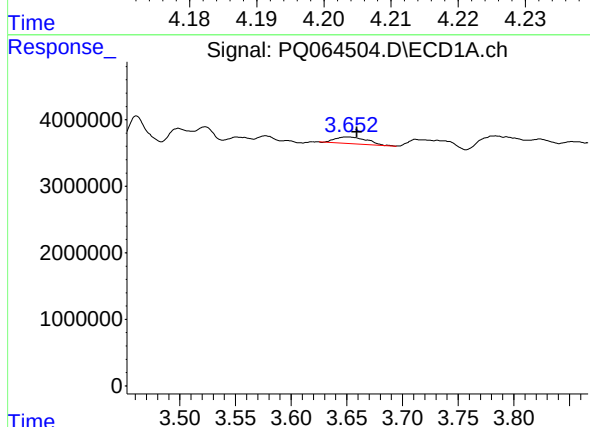
R.T.: 5.020 min
Delta R.T.: -0.013 min
Response: 3667473
Conc: 37.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ELZ-23-00118



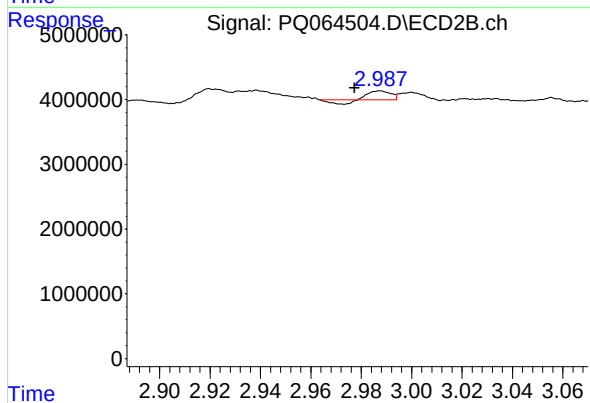
#7 AR-1016-5

R.T.: 4.203 min
Delta R.T.: -0.003 min
Response: 2800487
Conc: 27.66 ng/ml



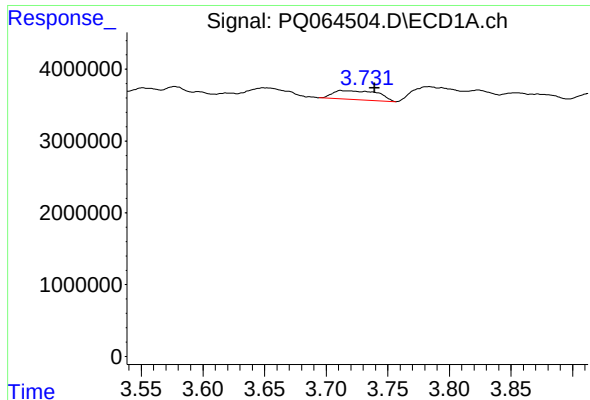
#8 AR-1221-1

R.T.: 3.650 min
Delta R.T.: -0.009 min
Response: 1969205
Conc: 38.78 ng/ml



#8 AR-1221-1

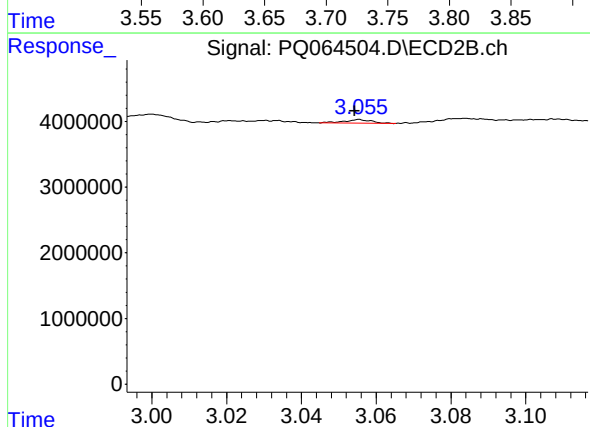
R.T.: 2.987 min
Delta R.T.: 0.010 min
Response: 557212
Conc: 9.84 ng/ml



#9 AR-1221-2

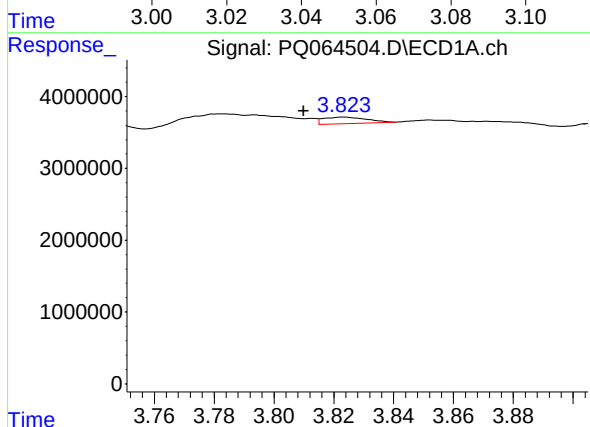
R.T.: 3.712 min
Delta R.T.: -0.027 min
Response: 3137474
Conc: 85.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ELZ-23-00118



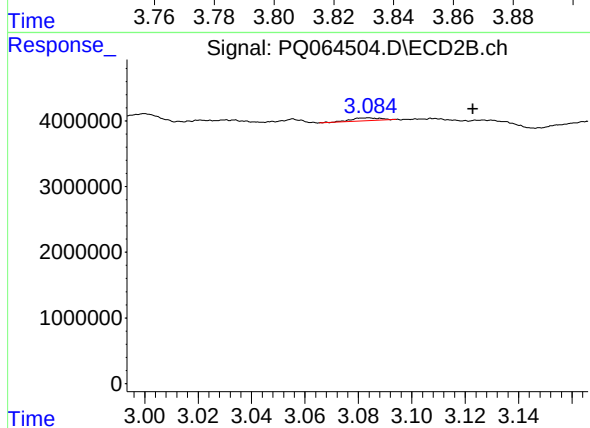
#9 AR-1221-2

R.T.: 3.056 min
Delta R.T.: 0.001 min
Response: 287896
Conc: 6.83 ng/ml



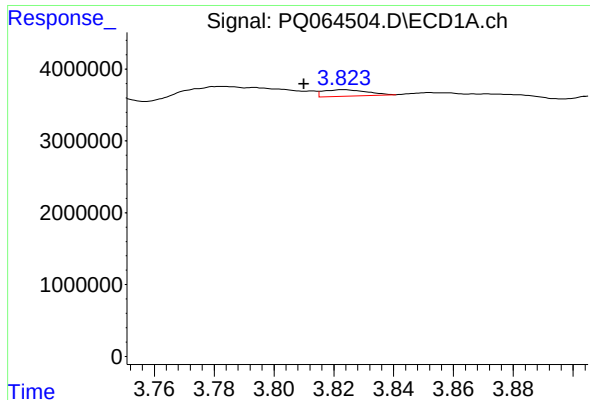
#10 AR-1221-3

R.T.: 3.823 min
Delta R.T.: 0.013 min
Response: 904447
Conc: 8.00 ng/ml



#10 AR-1221-3

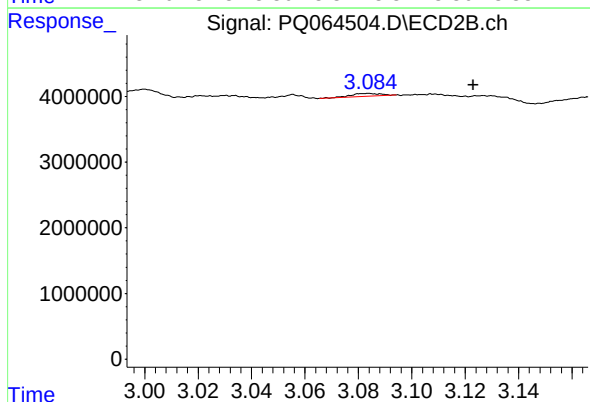
R.T.: 3.084 min
Delta R.T.: -0.039 min
Response: 350571
Conc: 2.75 ng/ml



#11 AR-1232-1

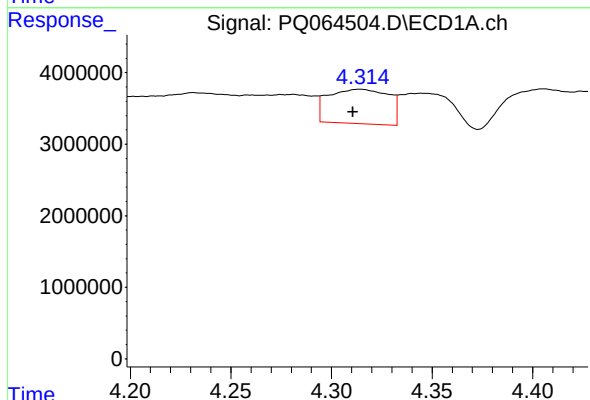
R.T.: 3.823 min
Delta R.T.: 0.013 min
Response: 904447
Conc: 10.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ELZ-23-00118



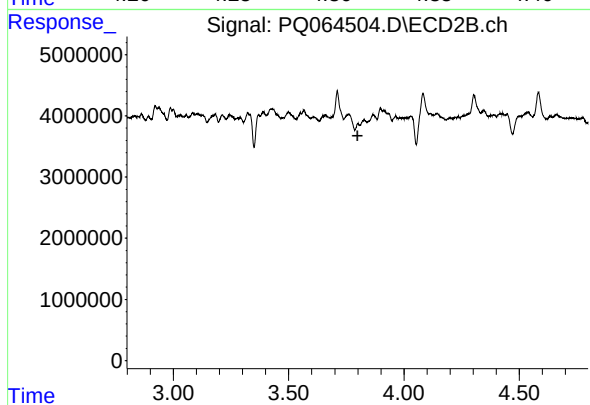
#11 AR-1232-1

R.T.: 3.084 min
Delta R.T.: -0.039 min
Response: 350571
Conc: 3.64 ng/ml



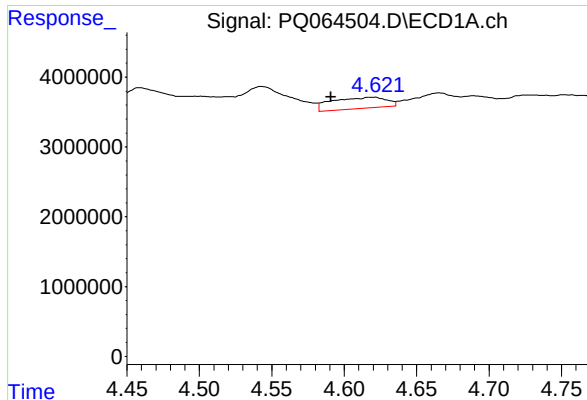
#12 AR-1232-2

R.T.: 4.314 min
Delta R.T.: 0.003 min
Response: 10037152
Conc: 205.75 ng/ml



#12 AR-1232-2

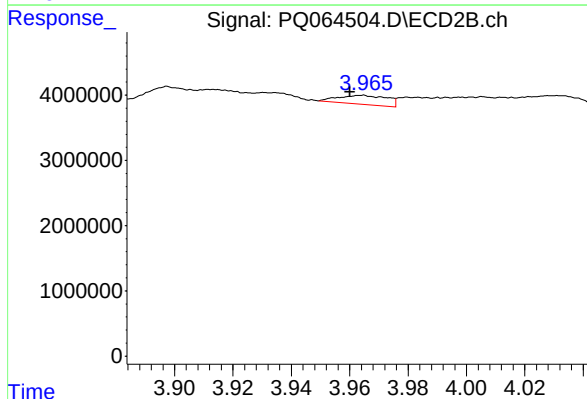
R.T.: 3.801 min
Delta R.T.: 0.002 min
Response: -232063
Conc: N.D.



#13 AR-1232-3

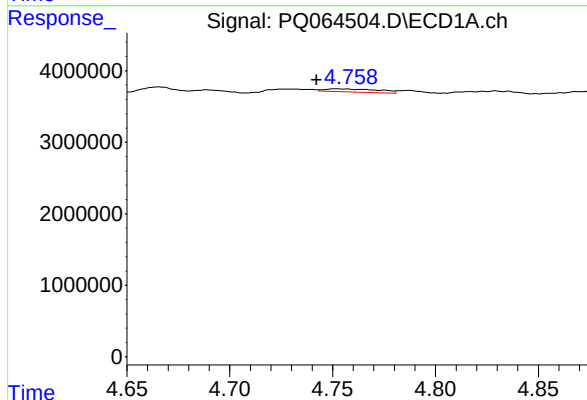
R.T.: 4.620 min
Delta R.T.: 0.030 min
Response: 4158993
Conc: 48.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ELZ-23-00118



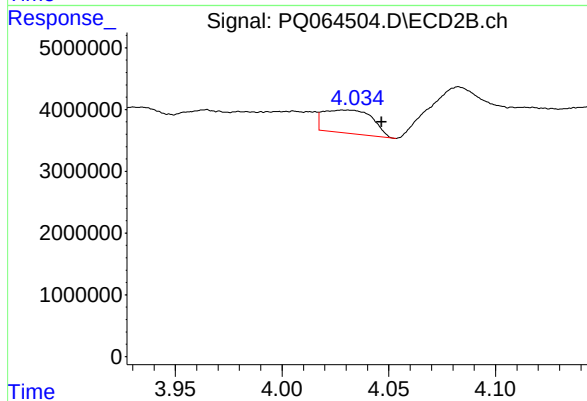
#13 AR-1232-3

R.T.: 3.965 min
Delta R.T.: 0.005 min
Response: 1602835
Conc: 36.00 ng/ml



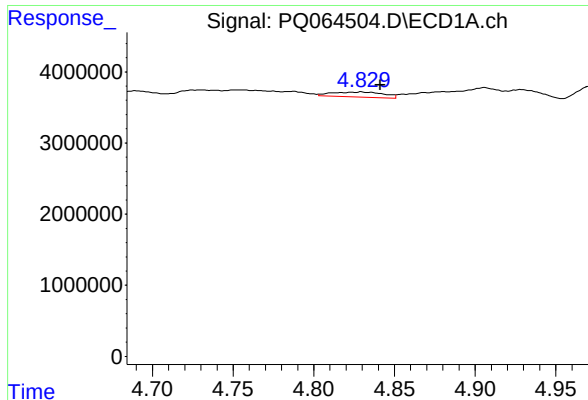
#14 AR-1232-4

R.T.: 4.752 min
Delta R.T.: 0.010 min
Response: 824576
Conc: 20.02 ng/ml



#14 AR-1232-4

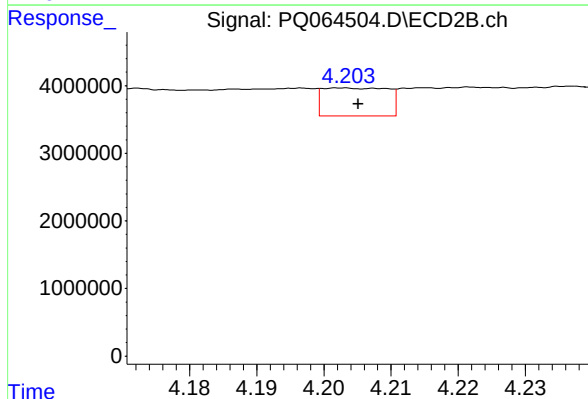
R.T.: 4.028 min
Delta R.T.: -0.018 min
Response: 6045956
Conc: 158.26 ng/ml



#15 AR-1232-5

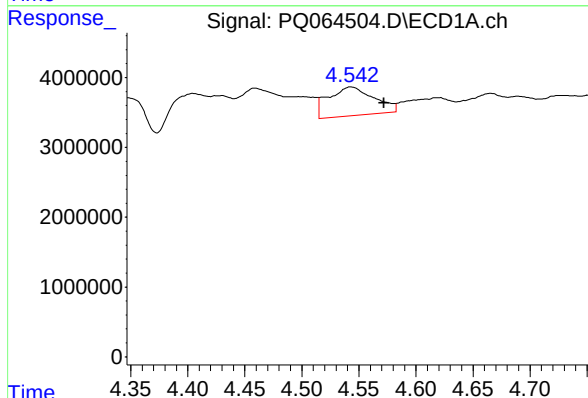
R.T.: 4.829 min
Delta R.T.: -0.012 min
Response: 1561992
Conc: 51.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ELZ-23-00118



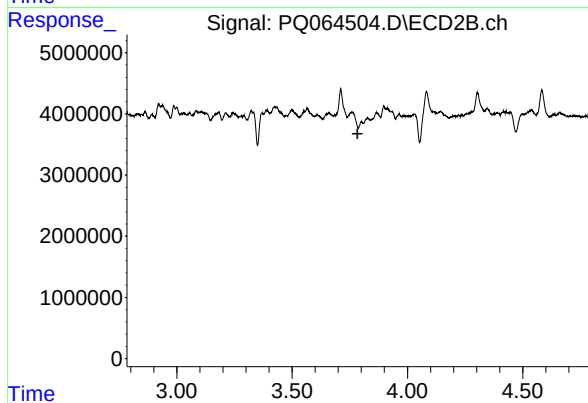
#15 AR-1232-5

R.T.: 4.203 min
Delta R.T.: -0.002 min
Response: 2800487
Conc: 65.80 ng/ml



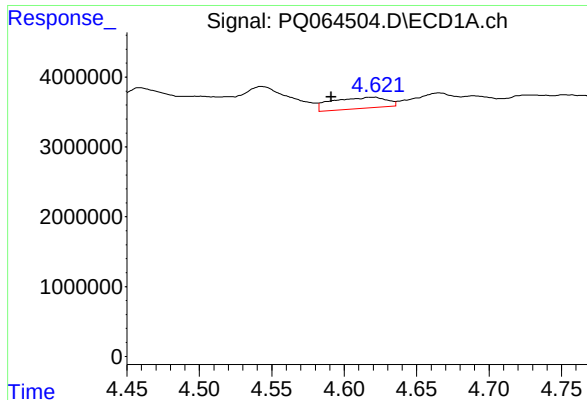
#16 AR-1242-1

R.T.: 4.543 min
Delta R.T.: -0.029 min
Response: 11452839
Conc: 110.51 ng/ml



#16 AR-1242-1

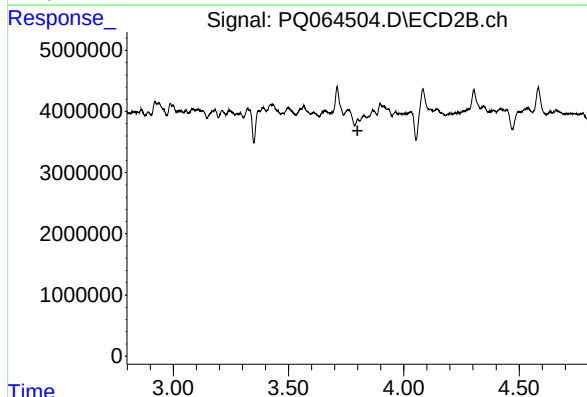
R.T.: 3.801 min
Delta R.T.: 0.017 min
Response: -232063
Conc: N.D.



#17 AR-1242-2

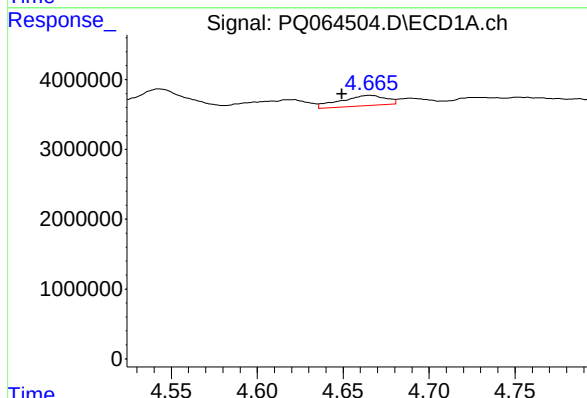
R.T.: 4.620 min
Delta R.T.: 0.030 min
Response: 4158993
Conc: 26.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ELZ-23-00118



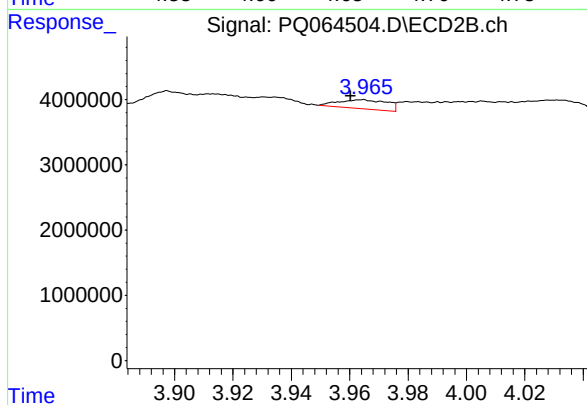
#17 AR-1242-2

R.T.: 3.801 min
Delta R.T.: 0.002 min
Response: -232063
Conc: N.D.



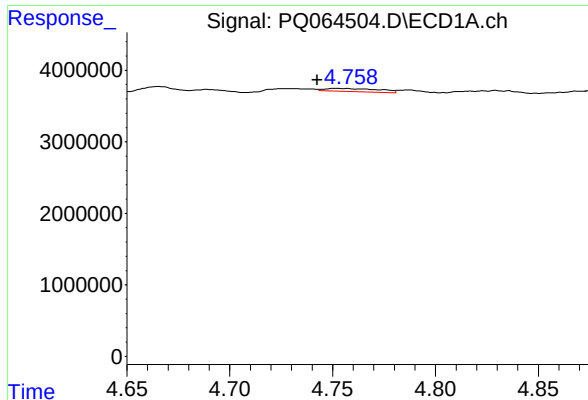
#18 AR-1242-3

R.T.: 4.665 min
Delta R.T.: 0.016 min
Response: 2715028
Conc: 28.03 ng/ml



#18 AR-1242-3

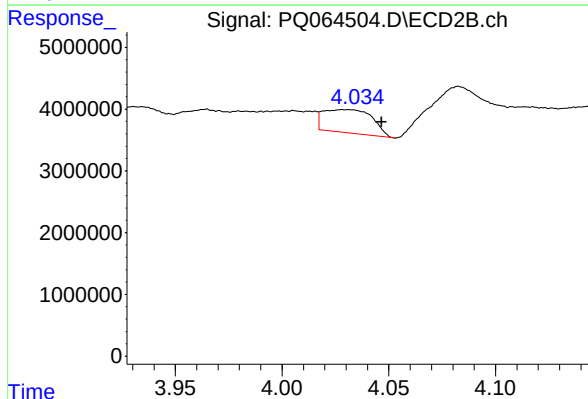
R.T.: 3.965 min
Delta R.T.: 0.004 min
Response: 1602835
Conc: 19.54 ng/ml



#19 AR-1242-4

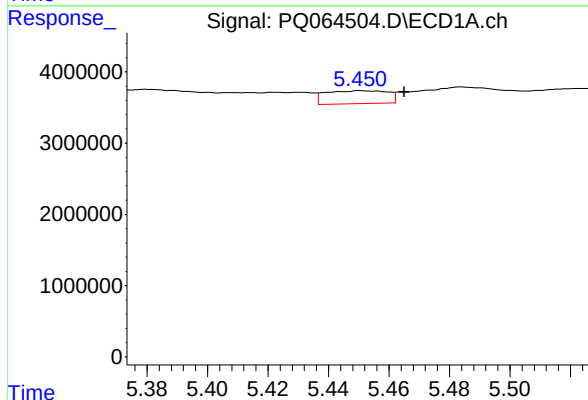
R.T.: 4.752 min
Delta R.T.: 0.009 min
Response: 824576
Conc: 10.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ELZ-23-00118



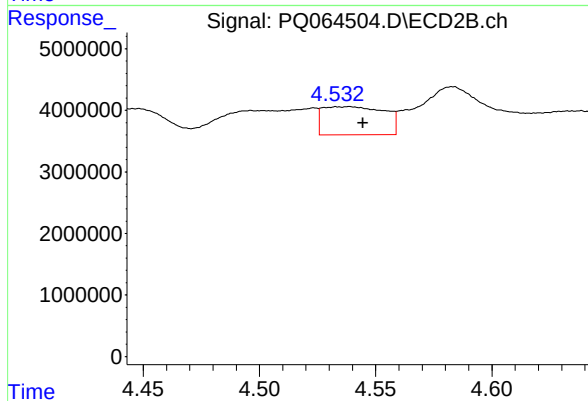
#19 AR-1242-4

R.T.: 4.028 min
Delta R.T.: -0.018 min
Response: 6045956
Conc: 77.49 ng/ml



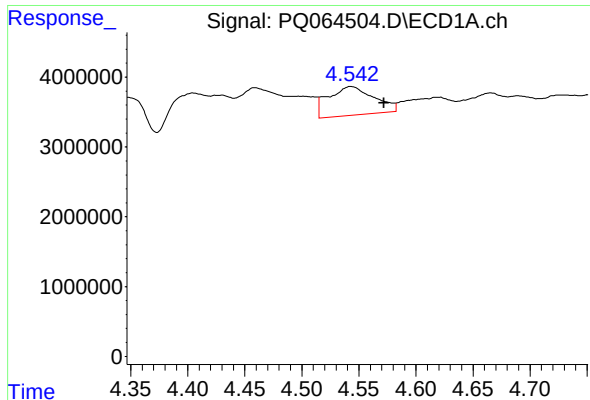
#20 AR-1242-5

R.T.: 5.451 min
Delta R.T.: -0.014 min
Response: 2578944
Conc: 31.07 ng/ml



#20 AR-1242-5

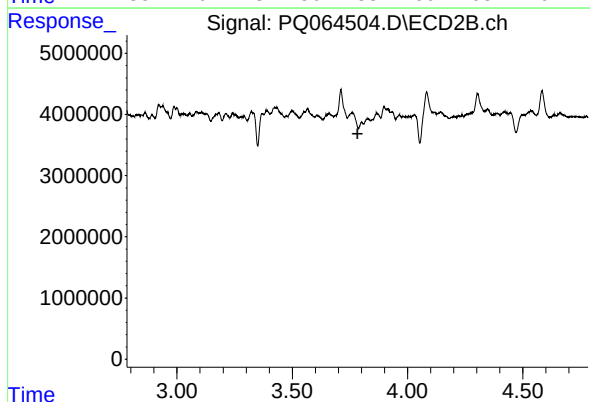
R.T.: 4.539 min
Delta R.T.: -0.006 min
Response: 8530764
Conc: 88.46 ng/ml



#21 AR-1248-1

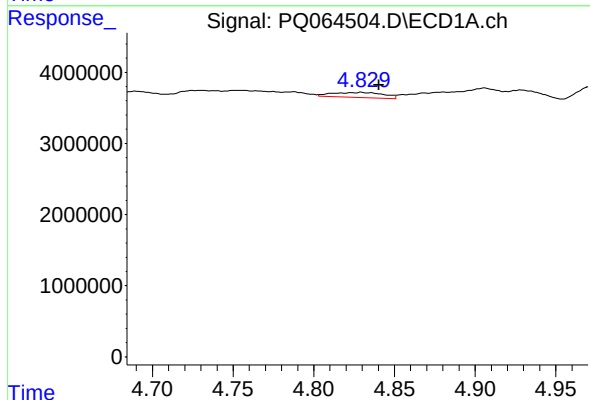
R.T.: 4.543 min
Delta R.T.: -0.029 min
Response: 11452839
Conc: 147.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ELZ-23-00118



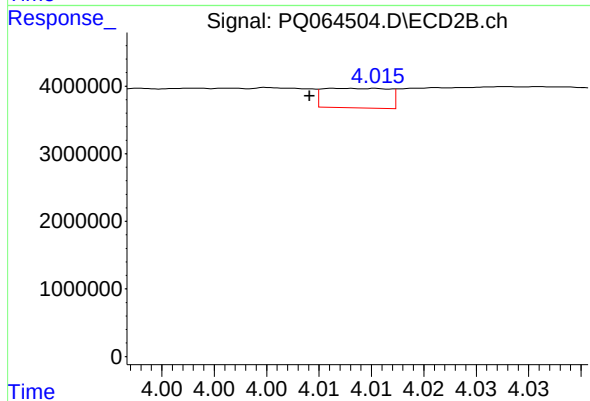
#21 AR-1248-1

R.T.: 3.801 min
Delta R.T.: 0.018 min
Response: -232063
Conc: N.D.



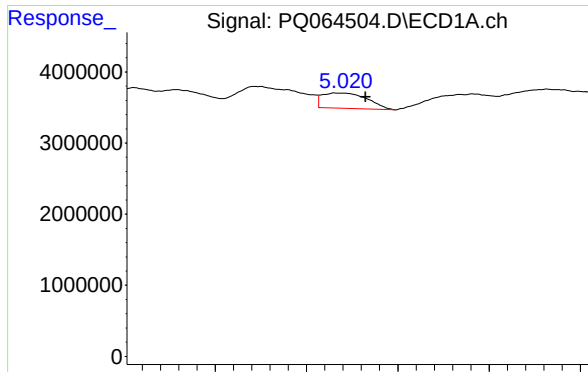
#22 AR-1248-2

R.T.: 4.829 min
Delta R.T.: -0.011 min
Response: 1561992
Conc: 14.00 ng/ml



#22 AR-1248-2

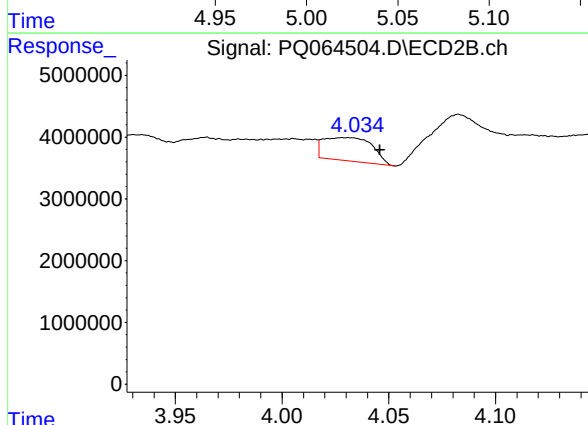
R.T.: 4.012 min
Delta R.T.: 0.003 min
Response: 1255008
Conc: 10.24 ng/ml



#23 AR-1248-3

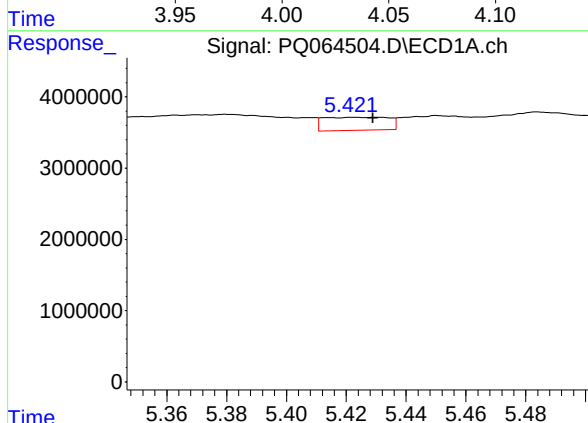
R.T.: 5.020 min
Delta R.T.: -0.013 min
Response: 3667473
Conc: 27.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ELZ-23-00118



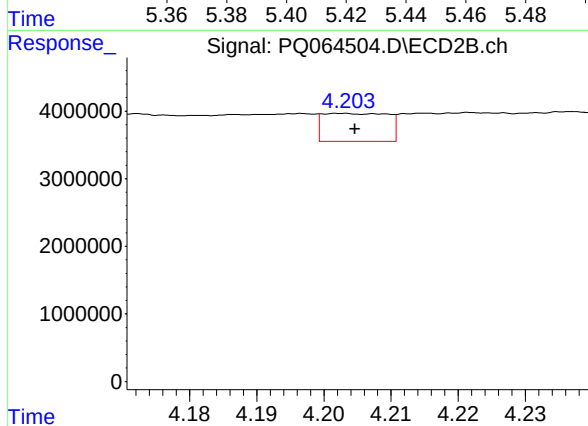
#23 AR-1248-3

R.T.: 4.028 min
Delta R.T.: -0.017 min
Response: 6045956
Conc: 51.81 ng/ml



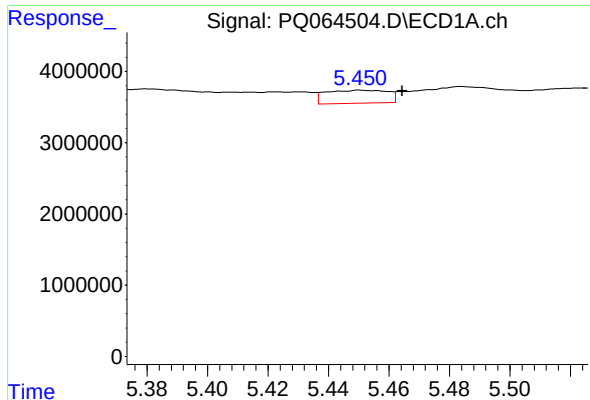
#24 AR-1248-4

R.T.: 5.431 min
Delta R.T.: 0.002 min
Response: 2777209
Conc: 19.40 ng/ml



#24 AR-1248-4

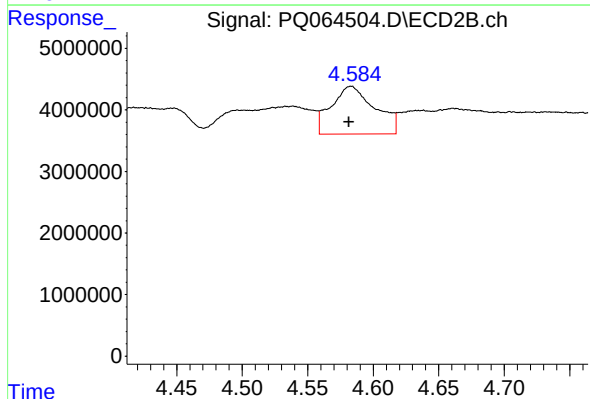
R.T.: 4.203 min
Delta R.T.: -0.002 min
Response: 2800487
Conc: 19.98 ng/ml



#25 AR-1248-5

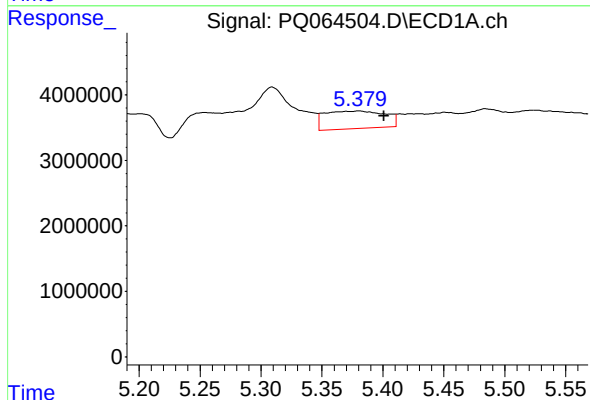
R.T.: 5.451 min
Delta R.T.: -0.014 min
Response: 2578944
Conc: 18.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ELZ-23-00118



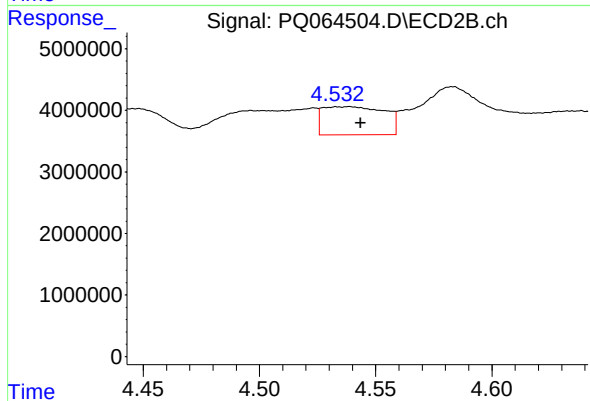
#25 AR-1248-5

R.T.: 4.583 min
Delta R.T.: 0.002 min
Response: 18059655
Conc: 135.72 ng/ml



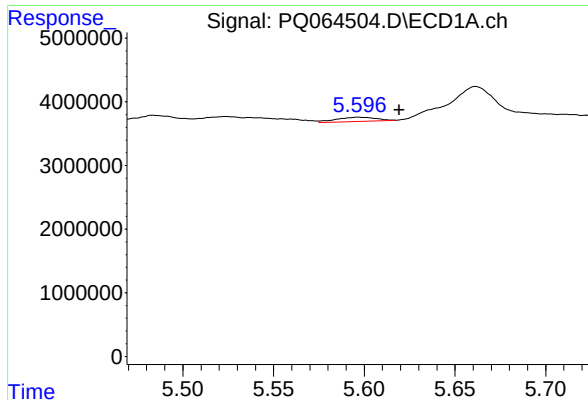
#26 AR-1254-1

R.T.: 5.380 min
Delta R.T.: -0.021 min
Response: 9209954
Conc: 60.13 ng/ml



#26 AR-1254-1

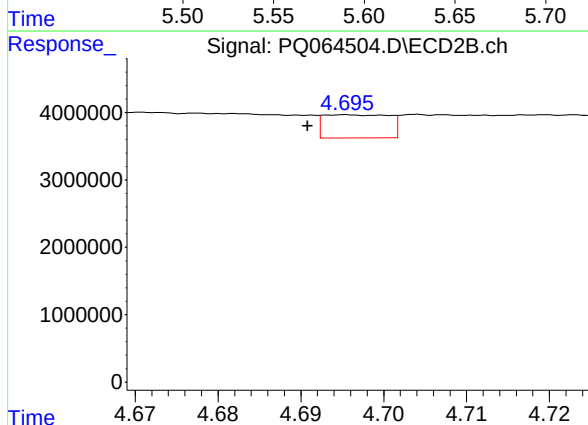
R.T.: 4.539 min
Delta R.T.: -0.005 min
Response: 8530764
Conc: 40.74 ng/ml



#27 AR-1254-2

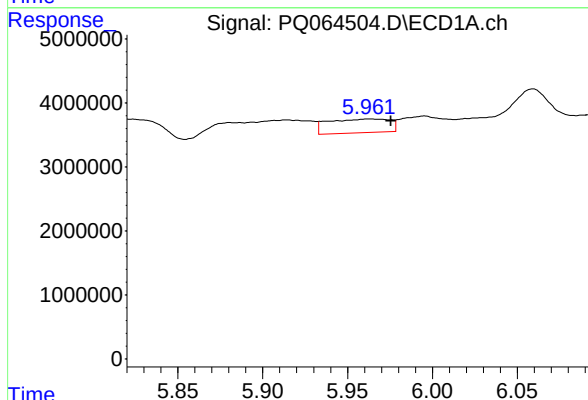
R.T.: 5.597 min
Delta R.T.: -0.023 min
Response: 1033080
Conc: 4.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ELZ-23-00118



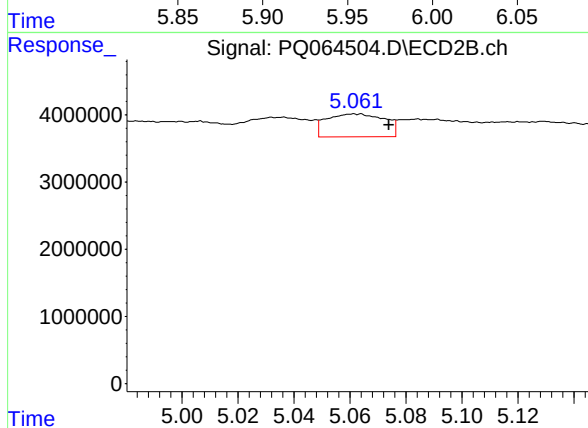
#27 AR-1254-2

R.T.: 4.696 min
Delta R.T.: 0.005 min
Response: 1886680
Conc: 10.20 ng/ml



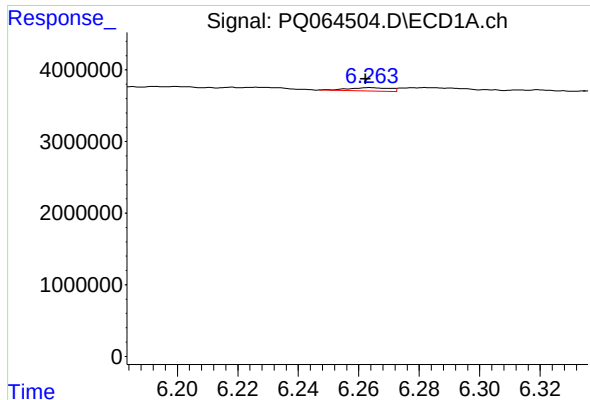
#28 AR-1254-3

R.T.: 5.962 min
Delta R.T.: -0.013 min
Response: 5482540
Conc: 22.31 ng/ml



#28 AR-1254-3

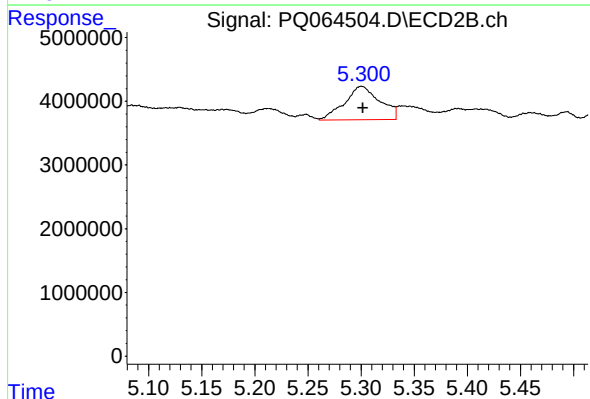
R.T.: 5.064 min
Delta R.T.: -0.010 min
Response: 4912775
Conc: 17.37 ng/ml



#29 AR-1254-4

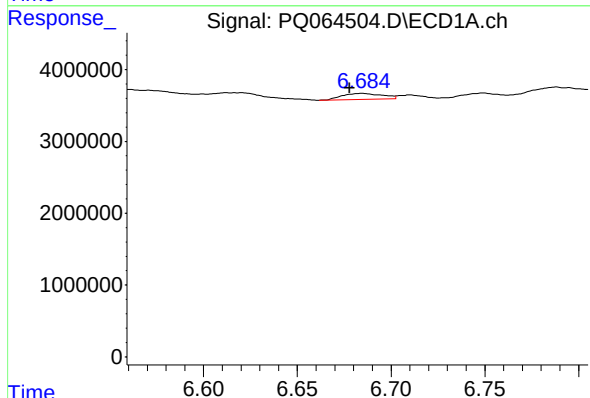
R.T.: 6.264 min
Delta R.T.: 0.002 min
Response: 446415
Conc: 2.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ELZ-23-00118



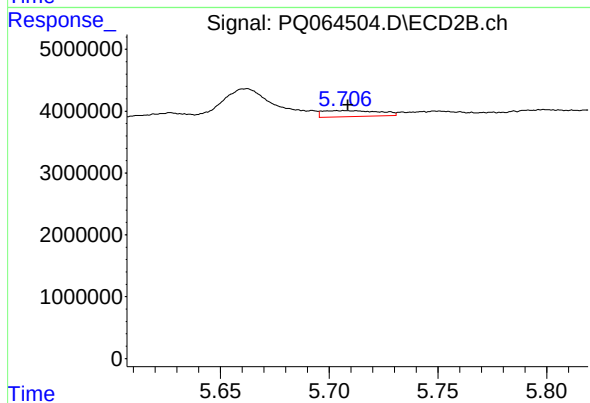
#29 AR-1254-4

R.T.: 5.300 min
Delta R.T.: -0.002 min
Response: 12244275
Conc: 65.95 ng/ml



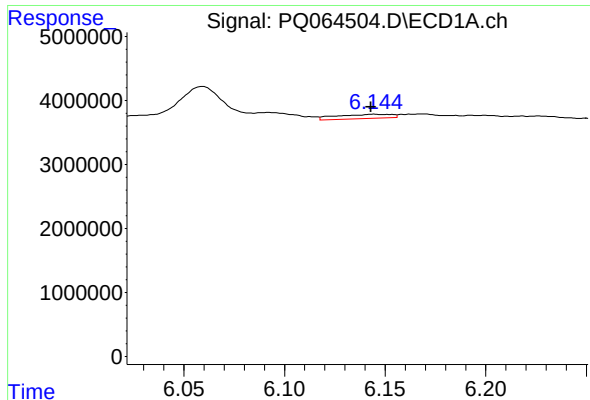
#30 AR-1254-5

R.T.: 6.685 min
Delta R.T.: 0.007 min
Response: 1238364
Conc: 6.42 ng/ml



#30 AR-1254-5

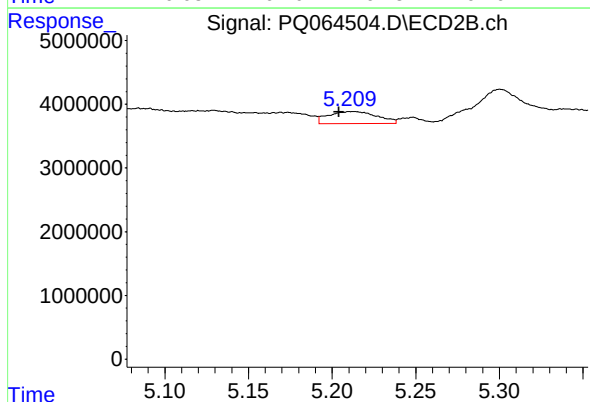
R.T.: 5.707 min
Delta R.T.: -0.001 min
Response: 1792872
Conc: 6.90 ng/ml



#31 AR-1260-1

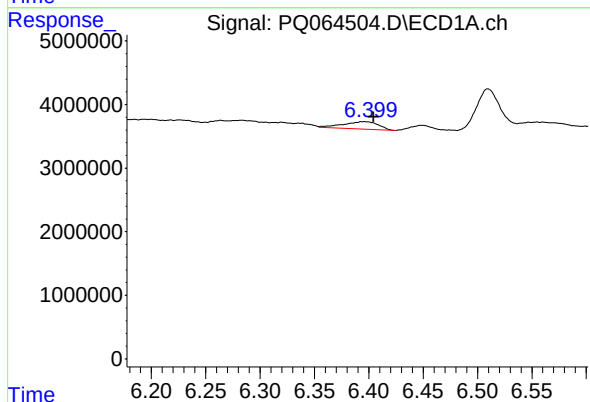
R.T.: 6.144 min
Delta R.T.: 0.001 min
Response: 1298875
Conc: 6.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ELZ-23-00118



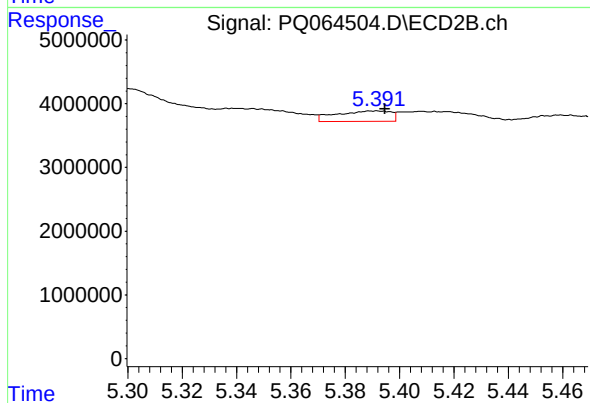
#31 AR-1260-1

R.T.: 5.213 min
Delta R.T.: 0.009 min
Response: 3847263
Conc: 19.89 ng/ml



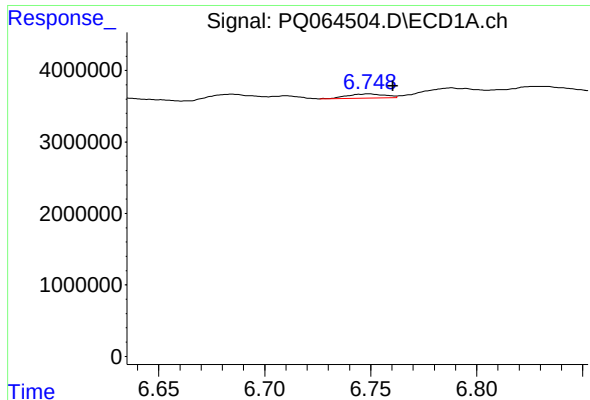
#32 AR-1260-2

R.T.: 6.395 min
Delta R.T.: -0.009 min
Response: 2644774
Conc: 12.20 ng/ml



#32 AR-1260-2

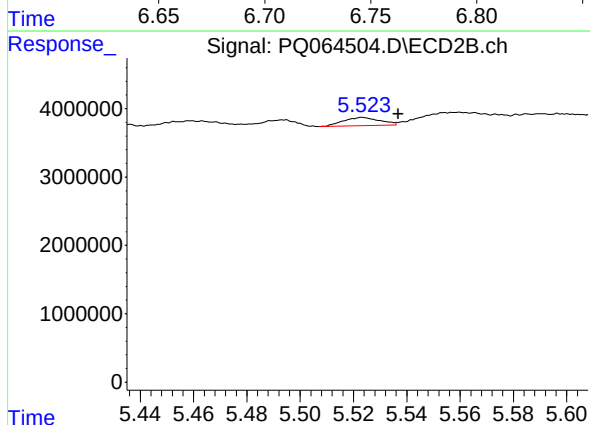
R.T.: 5.392 min
Delta R.T.: -0.003 min
Response: 2334859
Conc: 10.03 ng/ml



#33 AR-1260-3

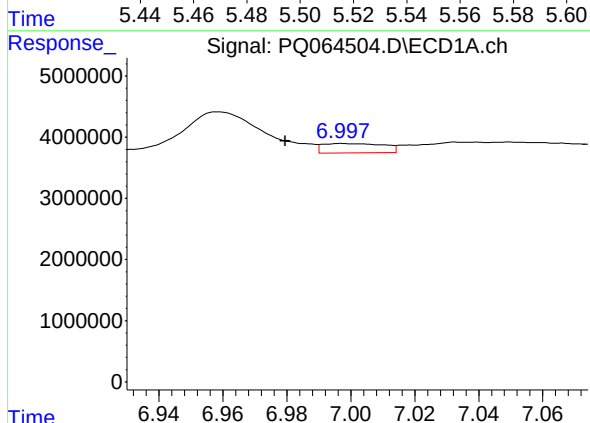
R.T.: 6.749 min
Delta R.T.: -0.011 min
Response: 688225
Conc: 4.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ELZ-23-00118



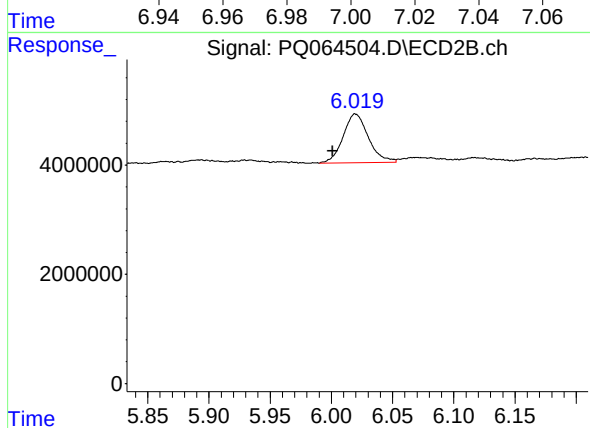
#33 AR-1260-3

R.T.: 5.524 min
Delta R.T.: -0.013 min
Response: 1139578
Conc: 5.24 ng/ml



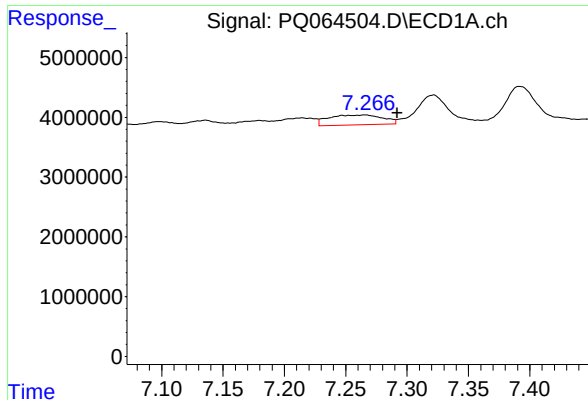
#34 AR-1260-4

R.T.: 6.997 min
Delta R.T.: 0.018 min
Response: 2060045
Conc: 12.01 ng/ml



#34 AR-1260-4

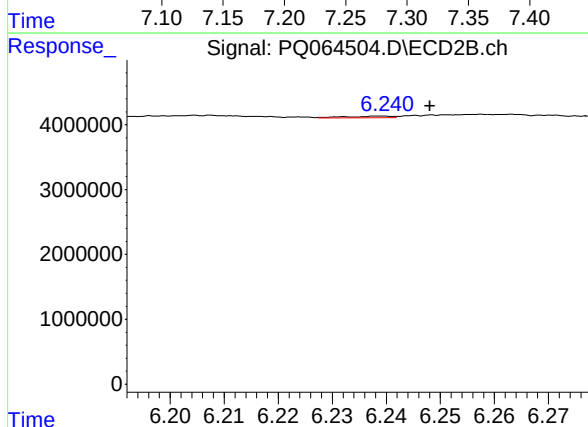
R.T.: 6.019 min
Delta R.T.: 0.018 min
Response: 12884970
Conc: 69.95 ng/ml



#35 AR-1260-5

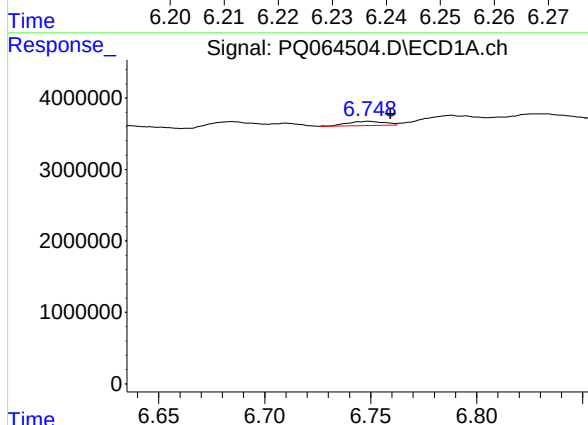
R.T.: 7.266 min
Delta R.T.: -0.026 min
Response: 5135448
Conc: 15.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ELZ-23-00118



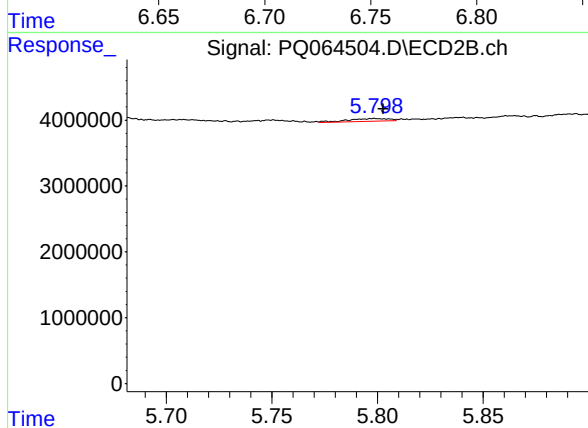
#35 AR-1260-5

R.T.: 6.239 min
Delta R.T.: -0.009 min
Response: 131929
Conc: 0.30 ng/ml



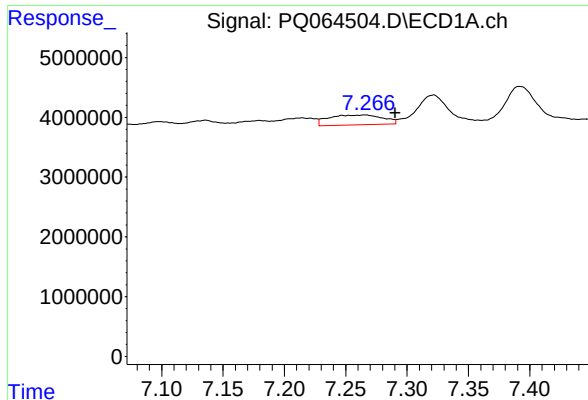
#36 AR-1262-1

R.T.: 6.749 min
Delta R.T.: -0.011 min
Response: 688225
Conc: 2.80 ng/ml



#36 AR-1262-1

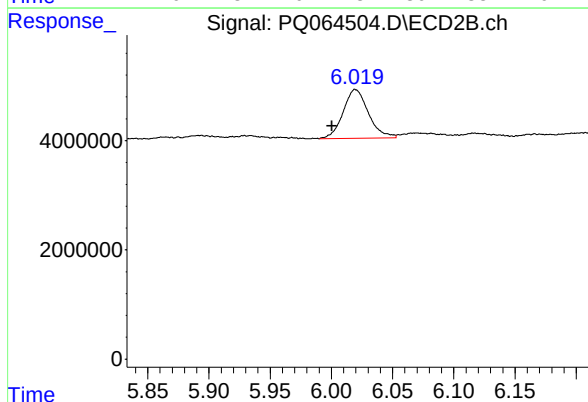
R.T.: 5.799 min
Delta R.T.: -0.004 min
Response: 541528
Conc: 4.75 ng/ml



#37 AR-1262-2

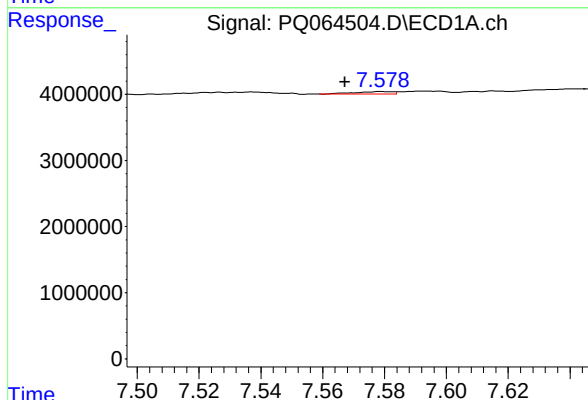
R.T.: 7.266 min
Delta R.T.: -0.024 min
Response: 5135448
Conc: 12.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ELZ-23-00118



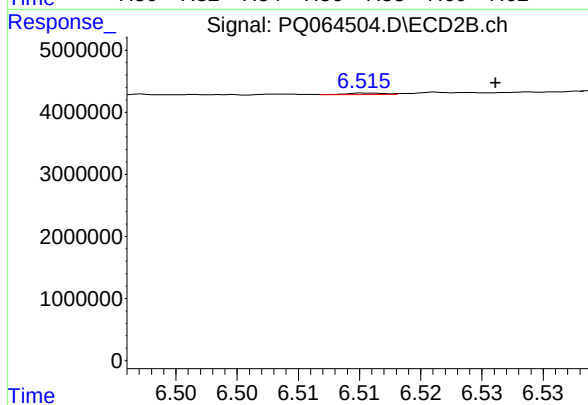
#37 AR-1262-2

R.T.: 6.019 min
Delta R.T.: 0.019 min
Response: 12884970
Conc: 50.58 ng/ml



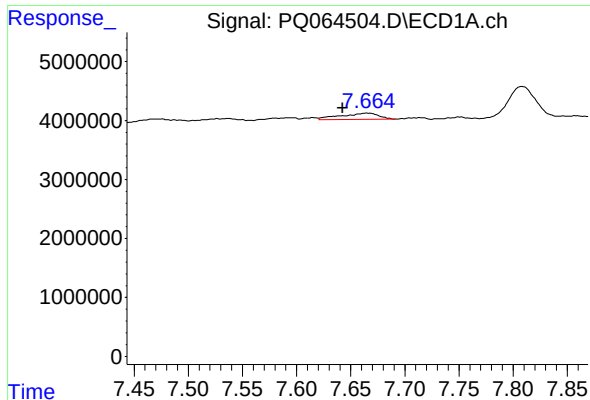
#38 AR-1262-3

R.T.: 7.579 min
Delta R.T.: 0.012 min
Response: 302287
Conc: 1.12 ng/ml



#38 AR-1262-3

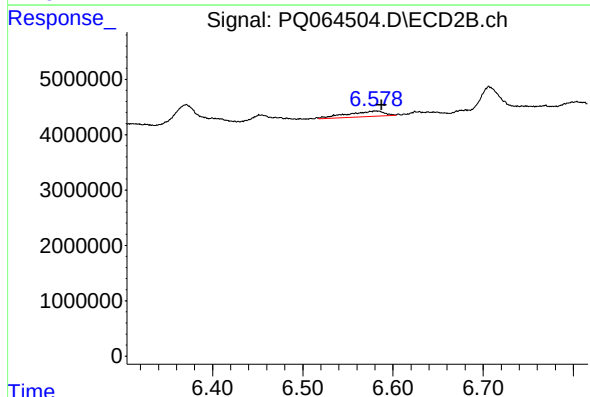
R.T.: 6.516 min
Delta R.T.: -0.010 min
Response: 50395
Conc: 0.22 ng/ml



#39 AR-1262-4

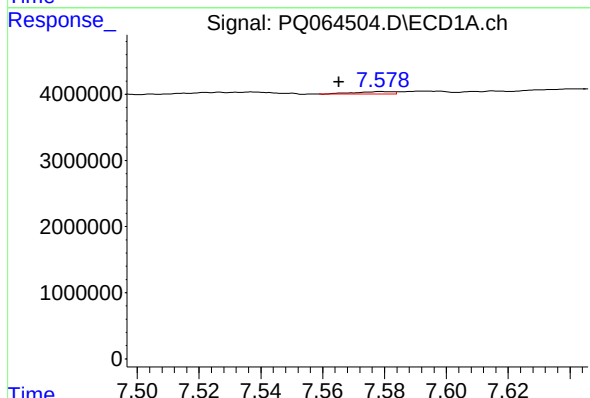
R.T.: 7.664 min
Delta R.T.: 0.022 min
Response: 2652557
Conc: 12.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ELZ-23-00118



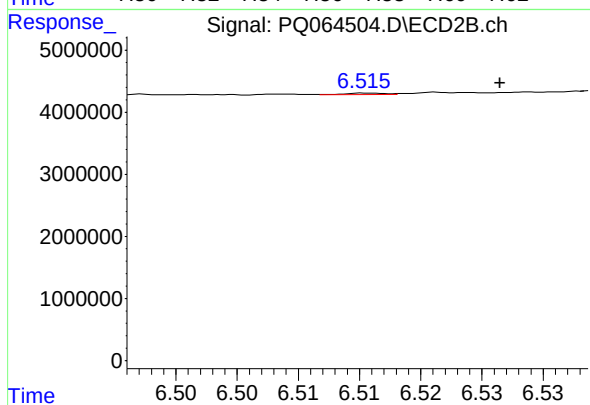
#39 AR-1262-4

R.T.: 6.581 min
Delta R.T.: -0.006 min
Response: 2777348
Conc: 6.42 ng/ml



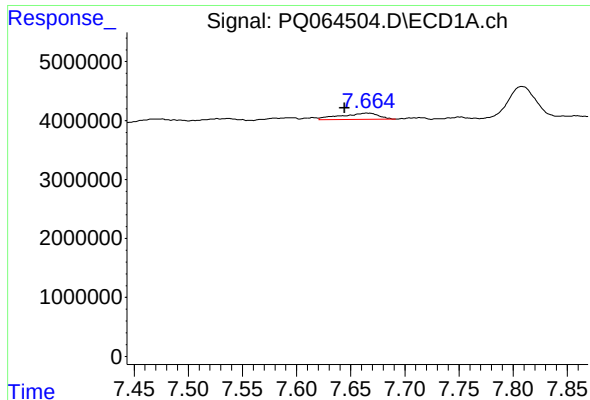
#41 AR-1268-1

R.T.: 7.579 min
Delta R.T.: 0.014 min
Response: 302287
Conc: 0.63 ng/ml



#41 AR-1268-1

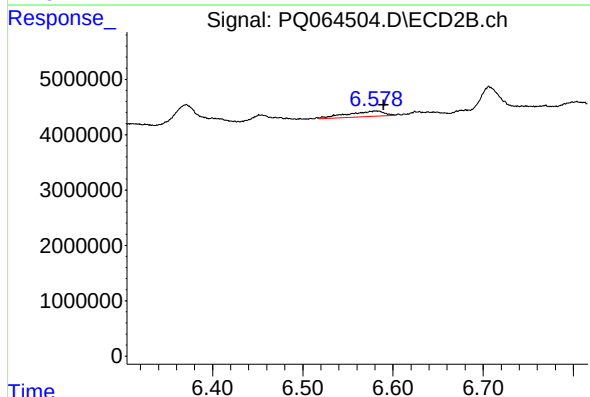
R.T.: 6.516 min
Delta R.T.: -0.011 min
Response: 50395
Conc: 0.08 ng/ml



#42 AR-1268-2

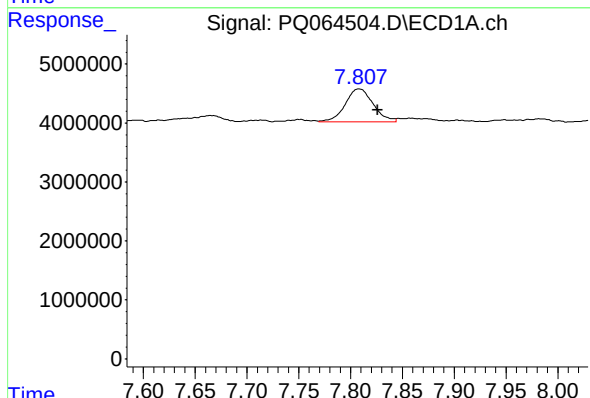
R.T.: 7.664 min
Delta R.T.: 0.020 min
Response: 2652557
Conc: 6.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ELZ-23-00118



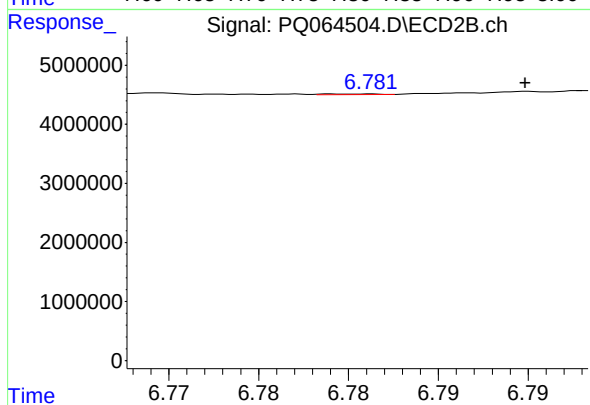
#42 AR-1268-2

R.T.: 6.581 min
Delta R.T.: -0.008 min
Response: 2777348
Conc: 4.47 ng/ml



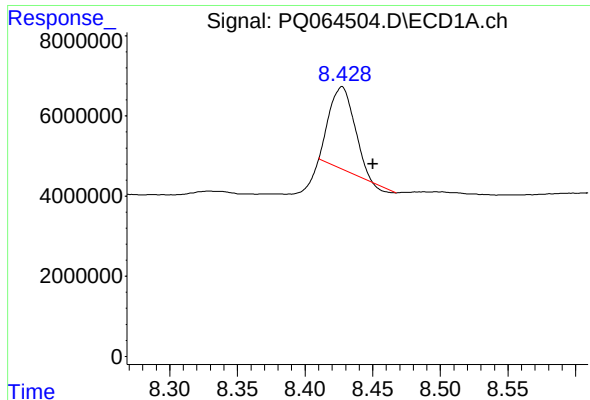
#43 AR-1268-3

R.T.: 7.808 min
Delta R.T.: -0.018 min
Response: 10497982
Conc: 27.78 ng/ml



#43 AR-1268-3

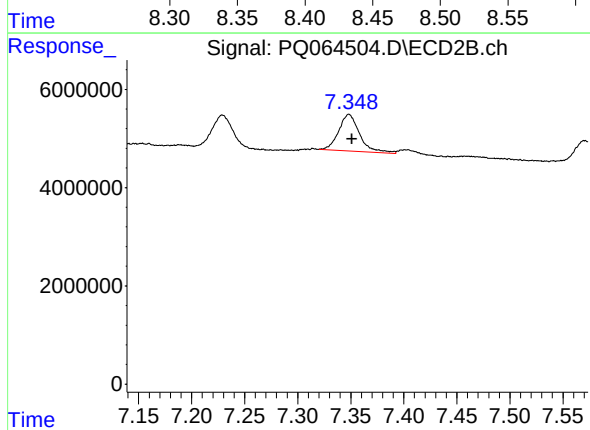
R.T.: 6.781 min
Delta R.T.: -0.009 min
Response: 23568
Conc: 0.04 ng/ml



#45 AR-1268-5

R.T.: 8.427 min
Delta R.T.: -0.023 min
Response: 25792802
Conc: 23.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ELZ-23-00118



#45 AR-1268-5

R.T.: 7.348 min
Delta R.T.: -0.003 min
Response: 10343367
Conc: 5.48 ng/ml