

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082824\
 Data File : PQ068319.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Aug 2024 18:19
 Operator : YP\AJ
 Sample : P3692-15
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 E1K64

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 29 02:04:57 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082724CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 28 02:08:25 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	3.437	2.822	149.1E6	145.9E6	18.866	20.597
2) SA Decachlor...	8.609	7.600	109.9E6	165.4E6	48.303	48.909
Target Compounds						
3) L1 AR-1016-1	4.537	3.827	1636581	2031629	7.241	9.286 #
4) L1 AR-1016-2	4.556	3.842	3489004	2795590	9.913	8.537
5) L1 AR-1016-3	4.615	4.004	1859579	1367843	8.544	7.798
6) L1 AR-1016-4	4.708	4.054	2265842	2855304	12.527	19.584 #
7) L1 AR-1016-5	4.994	4.248	688410	3695683	3.961	20.067 #
8) L2 AR-1221-1	3.623	0.000	2389039	0	26.018	N.D. #
9) L2 AR-1221-2	3.716	3.092	2645042	2548375	41.431	42.752
10) L2 AR-1221-3	3.784	0.000	387132	0	1.875	N.D. #
11) L3 AR-1232-1	3.784	0.000	387132	0	2.345	N.D. #
12) L3 AR-1232-2	4.271	3.842	2200948	2795590	24.232	18.027 #
13) L3 AR-1232-3	4.556	4.004	3489004	1367843	20.631	16.822
14) L3 AR-1232-4	4.708	4.089	2265842	1990935	26.225	28.503
15) L3 AR-1232-5	4.807	4.248	3256498	3695683	57.666	47.016
16) L4 AR-1242-1	4.537	3.827	1636581	2031629	8.007	10.501 #
17) L4 AR-1242-2	4.556	3.842	3489004	2795590	11.150	9.619
18) L4 AR-1242-3	4.615	4.004	1859579	1367843	9.504	8.831
19) L4 AR-1242-4	4.708	4.089	2265842	1990935	14.019	13.607
20) L4 AR-1242-5	5.421	4.587	3177973	4785376	18.797	24.755 #
21) L5 AR-1248-1	4.537	3.827	1636581	2031629	10.630	14.241 #
22) L5 AR-1248-2	4.807	4.054	3256498	2855304	15.497	12.909
23) L5 AR-1248-3	4.994	4.089	688410	1990935	2.728	9.271 #
24) L5 AR-1248-4	5.378	4.248	14042379	3695683	49.940	13.994 #
25) L5 AR-1248-5	5.421	4.625	3177973	4775113	11.258	18.050 #
26) L6 AR-1254-1	5.378	4.587	14042379	4785376	50.759	12.179 #
27) L6 AR-1254-2	5.573	4.735	4082116	1665797	9.559	4.854 #
28) L6 AR-1254-3	5.932	5.117	4489096	2107018	9.995	3.893 #
29) L6 AR-1254-4	6.221	5.342	1809456	2133038	5.660	6.324
30) L6 AR-1254-5	6.626	5.801f	1380200	542669	3.981	1.114 #
31) L7 AR-1260-1	6.076	5.250	1412590	1793791	4.281	4.932
32) L7 AR-1260-2	6.392f	5.445	777315	2663027	2.063	6.067 #
33) L7 AR-1260-3	6.693	5.593	1986558	1944988	7.184	4.513 #
34) L7 AR-1260-4	6.976f	5.976f	2001250	1710703	6.555	5.038
35) L7 AR-1260-5	7.220	6.307	384202	1319911	0.658	1.663 #
36) L8 AR-1262-1	6.693	5.801	1986558	542669	4.701	1.055 #
37) L8 AR-1262-2	7.220	6.307	384202	1319911	0.563	1.466 #
38) L8 AR-1262-3	7.523	6.553	421963	2144961	0.953	6.245 #
39) L8 AR-1262-4	7.583	0.000	1251890	0	3.654	N.D. #
41) L9 AR-1268-1	7.523	6.553	421963	2144961	0.549	2.153 #
42) L9 AR-1268-2	7.583	0.000	1251890	0	1.745	N.D. #

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 29 02:04:57 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082724CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 28 02:08:25 2024
 Response via : Initial Calibration
 Integrator: ChemStation

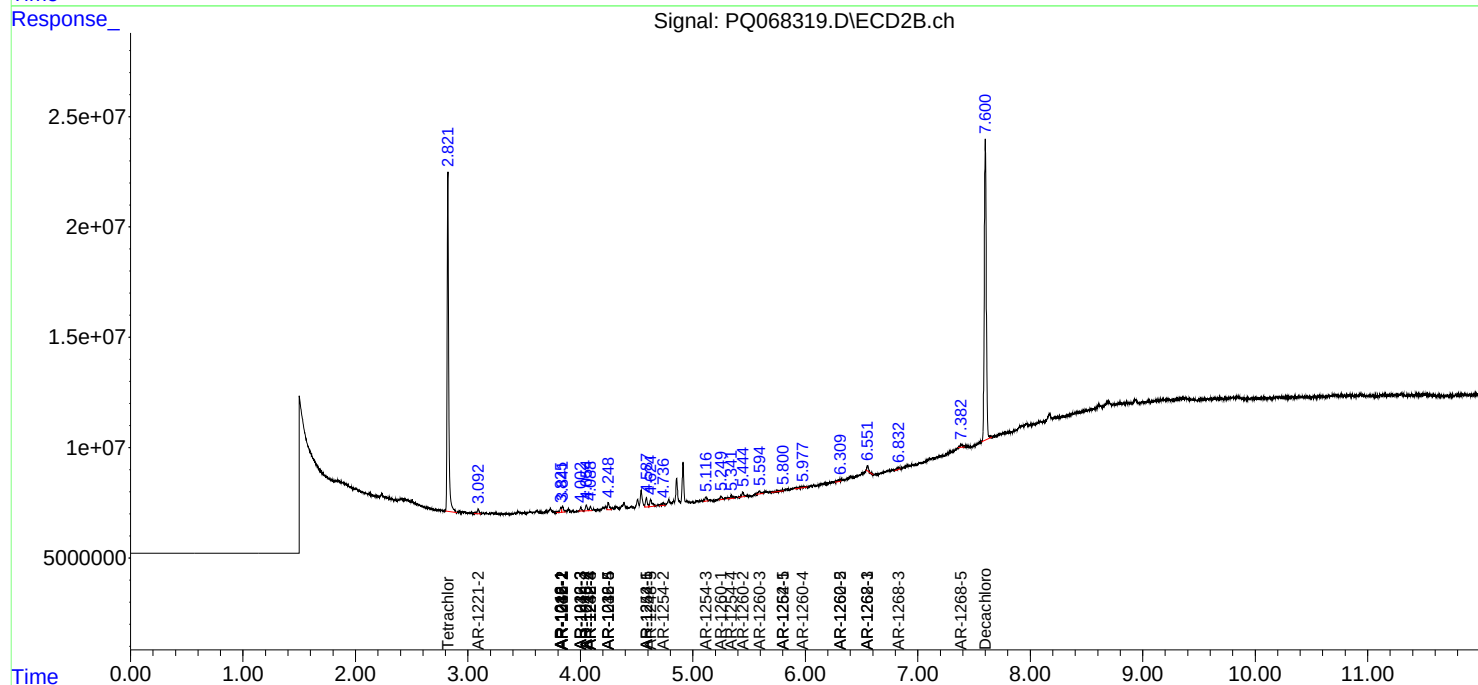
Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

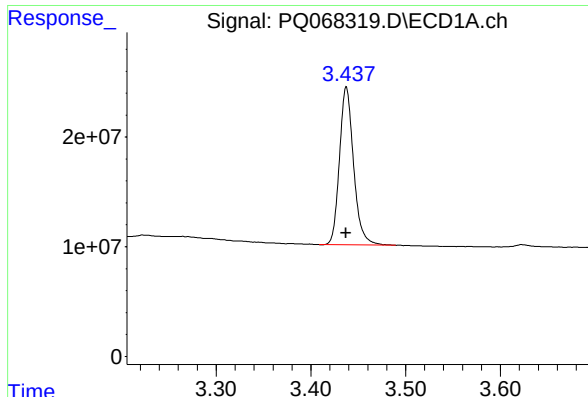
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	7.805f	6.832	687644	1211088	1.190	1.484
45) L9	AR-1268-5	8.398	7.384	1312773	1892167	0.807	0.783

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

Instrument :
ECD_Q
ClientSampleId :
E1K64

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

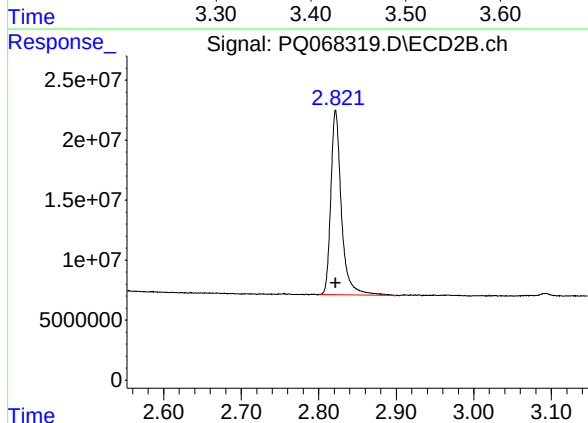




#1 Tetrachloro-m-xylene

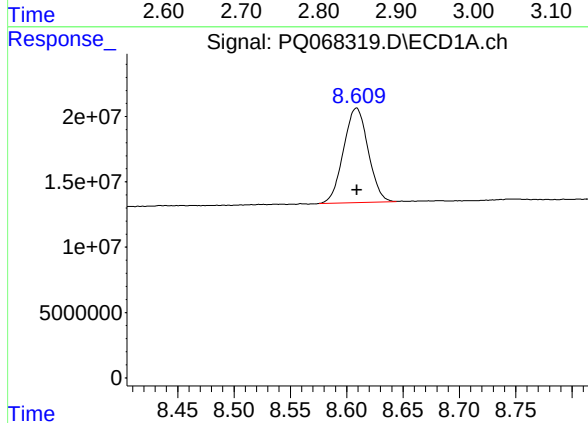
R.T.: 3.437 min
Delta R.T.: 0.000 min
Response: 149050679
Conc: 18.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E1K64



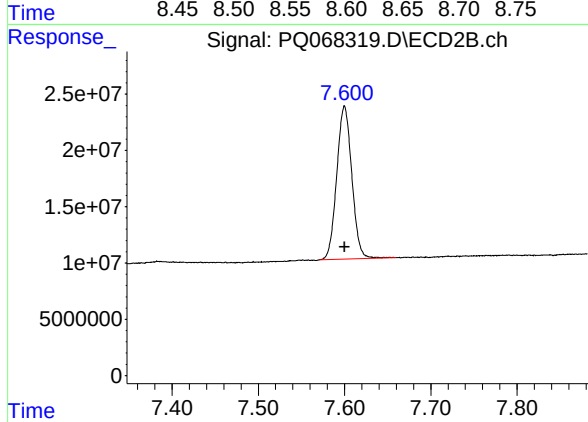
#1 Tetrachloro-m-xylene

R.T.: 2.822 min
Delta R.T.: 0.000 min
Response: 145881825
Conc: 20.60 ng/ml



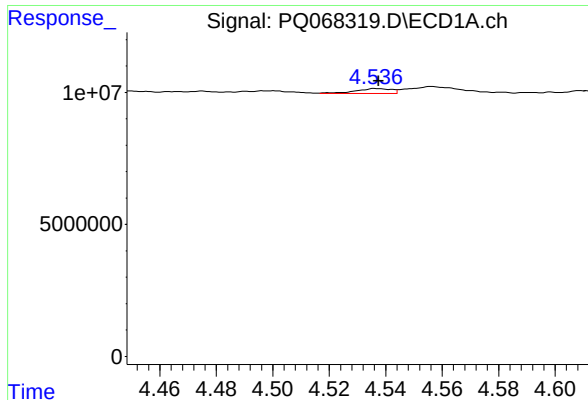
#2 Decachlorobiphenyl

R.T.: 8.609 min
Delta R.T.: 0.000 min
Response: 109861406
Conc: 48.30 ng/ml



#2 Decachlorobiphenyl

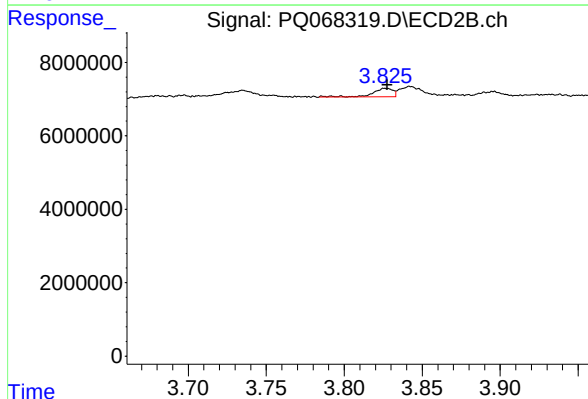
R.T.: 7.600 min
Delta R.T.: 0.000 min
Response: 165413903
Conc: 48.91 ng/ml



#3 AR-1016-1

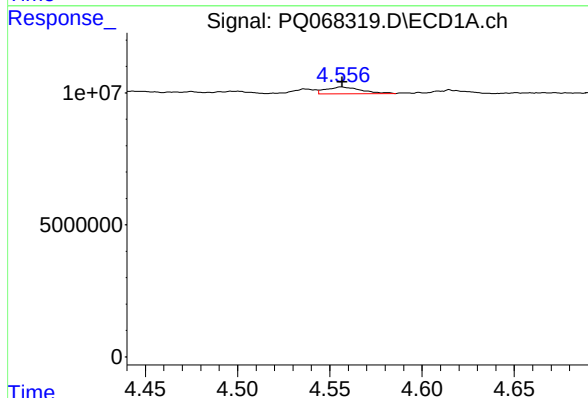
R.T.: 4.537 min
Delta R.T.: 0.000 min
Response: 1636581
Conc: 7.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E1K64



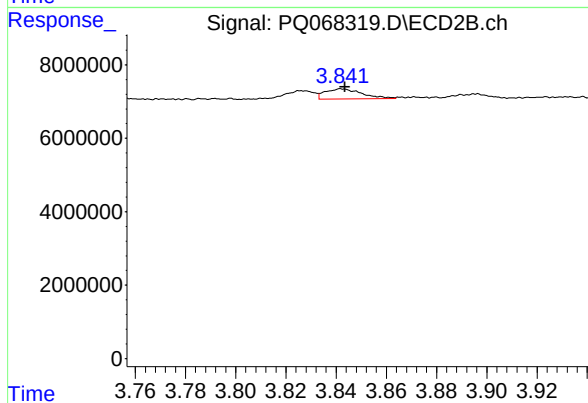
#3 AR-1016-1

R.T.: 3.827 min
Delta R.T.: 0.000 min
Response: 2031629
Conc: 9.29 ng/ml



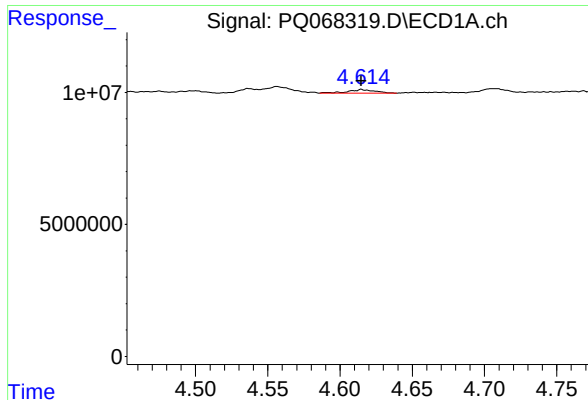
#4 AR-1016-2

R.T.: 4.556 min
Delta R.T.: 0.000 min
Response: 3489004
Conc: 9.91 ng/ml



#4 AR-1016-2

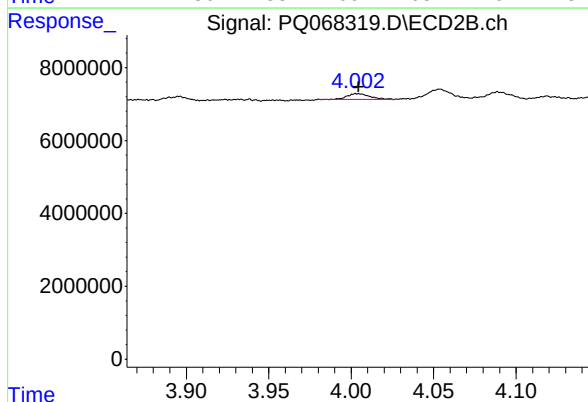
R.T.: 3.842 min
Delta R.T.: -0.001 min
Response: 2795590
Conc: 8.54 ng/ml



#5 AR-1016-3

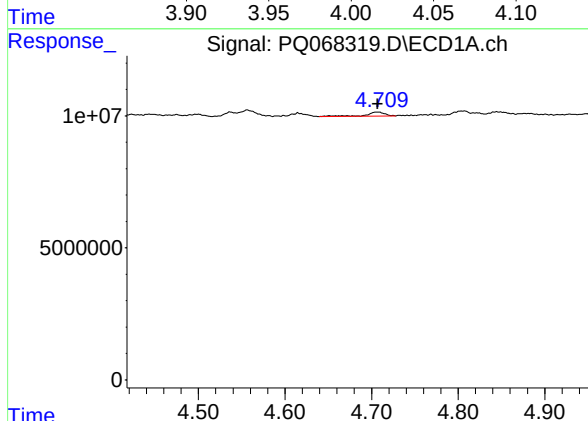
R.T.: 4.615 min
Delta R.T.: 0.000 min
Response: 1859579
Conc: 8.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E1K64



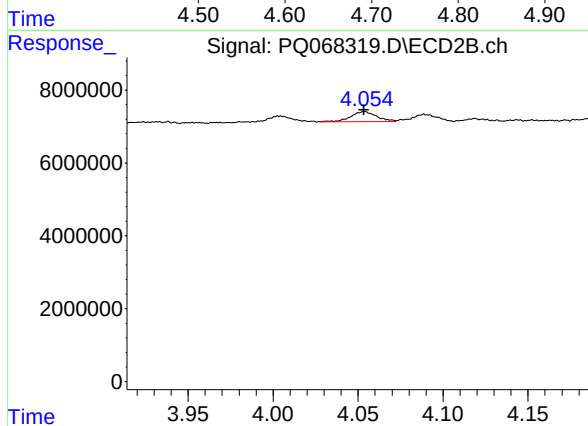
#5 AR-1016-3

R.T.: 4.004 min
Delta R.T.: 0.000 min
Response: 1367843
Conc: 7.80 ng/ml



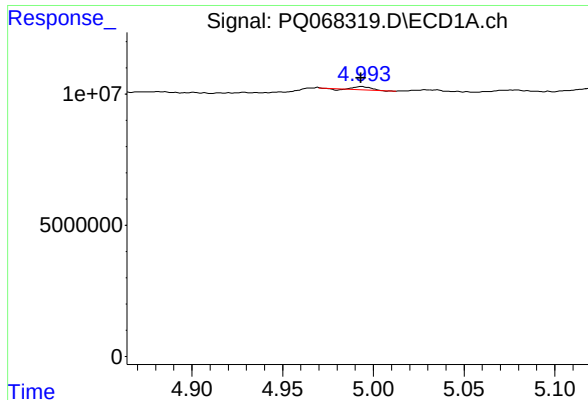
#6 AR-1016-4

R.T.: 4.708 min
Delta R.T.: 0.001 min
Response: 2265842
Conc: 12.53 ng/ml



#6 AR-1016-4

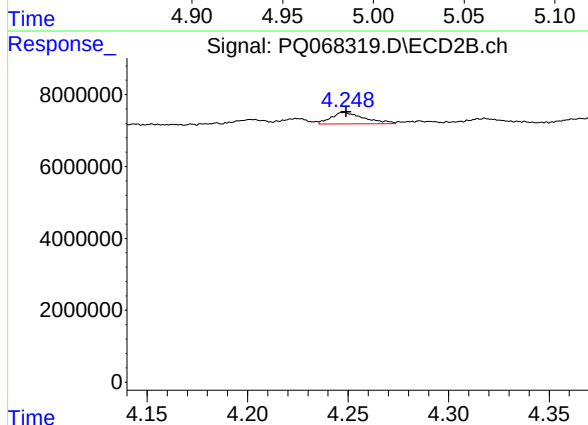
R.T.: 4.054 min
Delta R.T.: 0.000 min
Response: 2855304
Conc: 19.58 ng/ml



#7 AR-1016-5

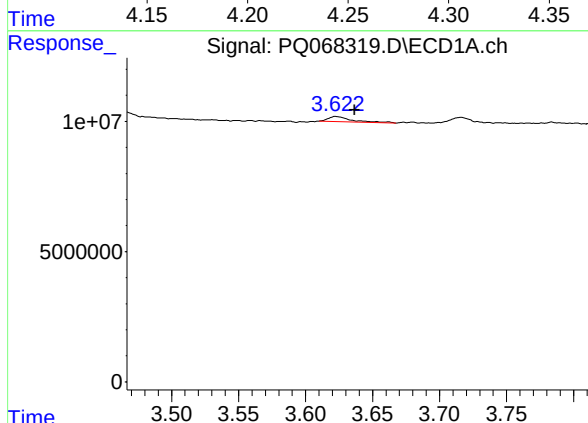
R.T.: 4.994 min
Delta R.T.: 0.000 min
Response: 688410
Conc: 3.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E1K64



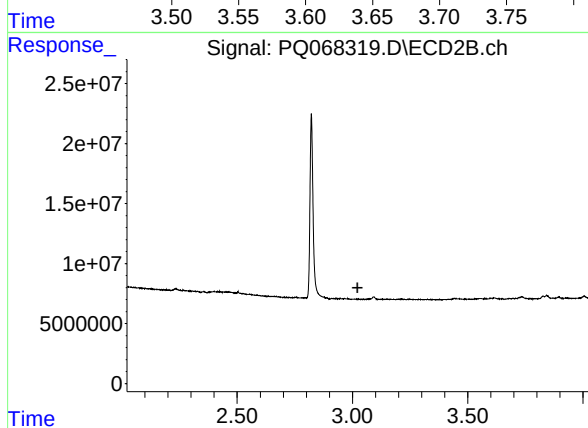
#7 AR-1016-5

R.T.: 4.248 min
Delta R.T.: -0.001 min
Response: 3695683
Conc: 20.07 ng/ml



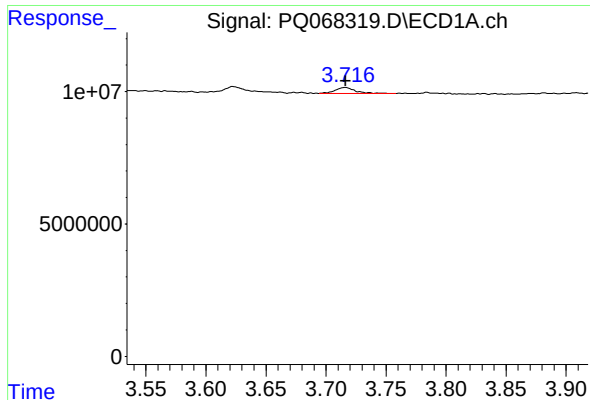
#8 AR-1221-1

R.T.: 3.623 min
Delta R.T.: -0.014 min
Response: 2389039
Conc: 26.02 ng/ml



#8 AR-1221-1

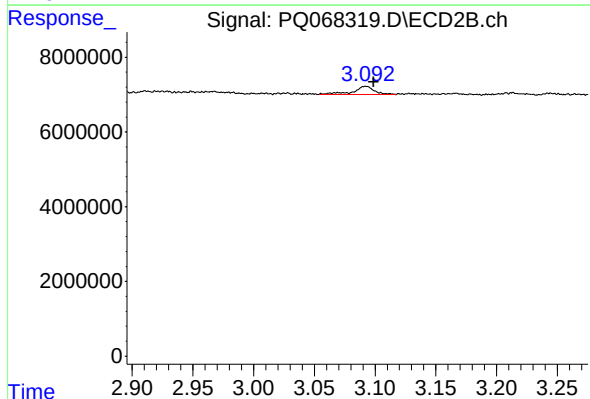
R.T.: 0.000 min
Exp R.T. : 3.022 min
Response: 0
Conc: N.D.



#9 AR-1221-2

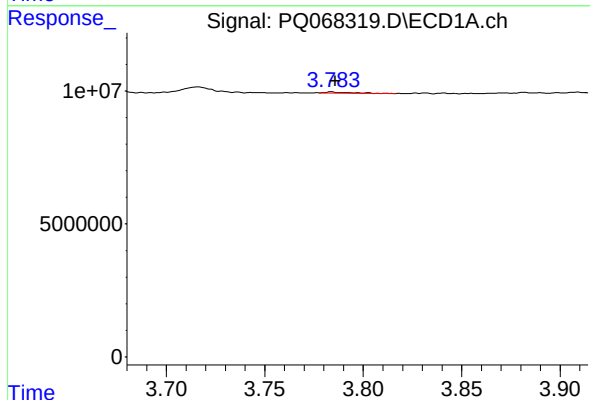
R.T.: 3.716 min
Delta R.T.: 0.000 min
Response: 2645042
Conc: 41.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E1K64



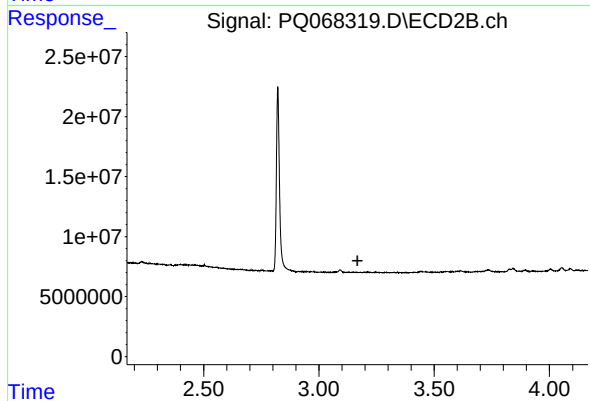
#9 AR-1221-2

R.T.: 3.092 min
Delta R.T.: -0.007 min
Response: 2548375
Conc: 42.75 ng/ml



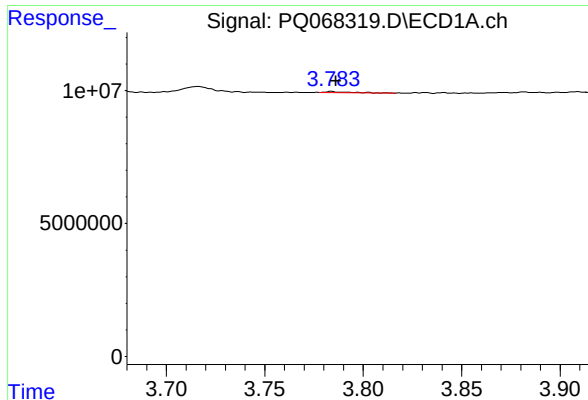
#10 AR-1221-3

R.T.: 3.784 min
Delta R.T.: -0.002 min
Response: 387132
Conc: 1.87 ng/ml



#10 AR-1221-3

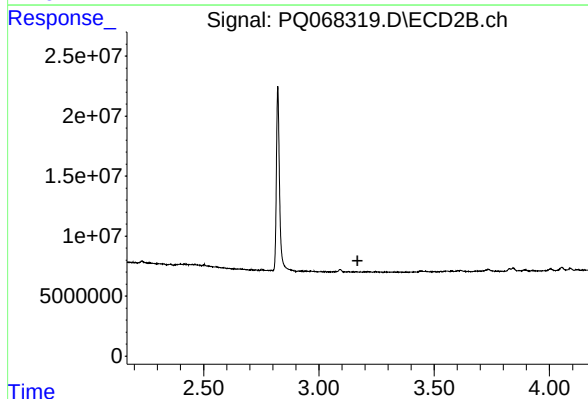
R.T.: 0.000 min
Exp R.T. : 3.168 min
Response: 0
Conc: N.D.



#11 AR-1232-1

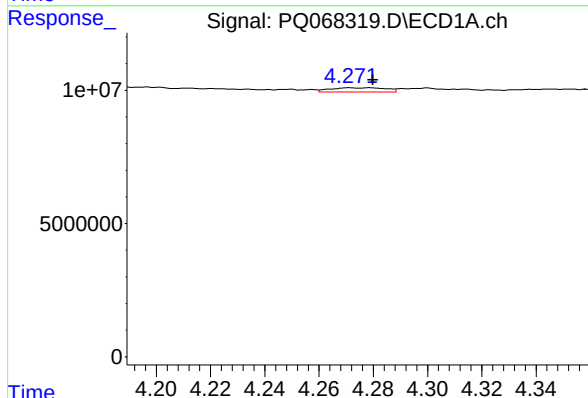
R.T.: 3.784 min
Delta R.T.: -0.002 min
Response: 387132
Conc: 2.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E1K64



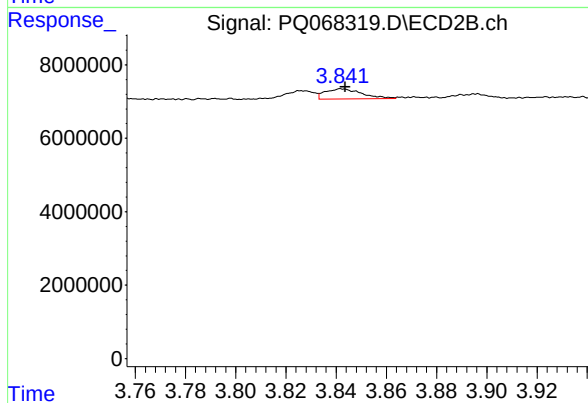
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 3.168 min
Response: 0
Conc: N.D.



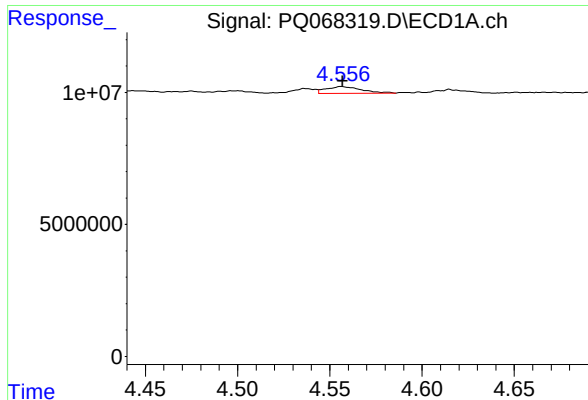
#12 AR-1232-2

R.T.: 4.271 min
Delta R.T.: -0.009 min
Response: 2200948
Conc: 24.23 ng/ml



#12 AR-1232-2

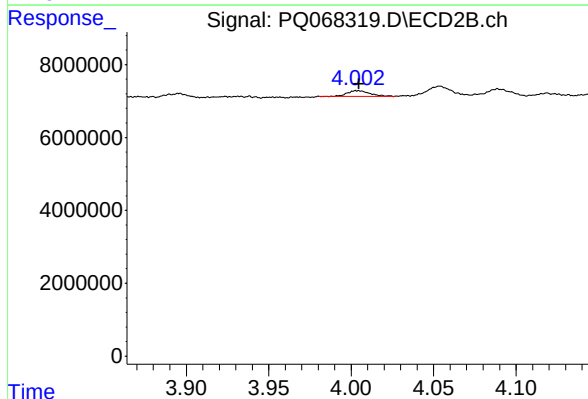
R.T.: 3.842 min
Delta R.T.: -0.001 min
Response: 2795590
Conc: 18.03 ng/ml



#13 AR-1232-3

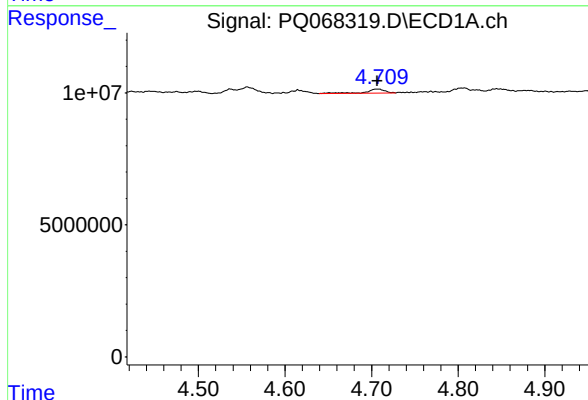
R.T.: 4.556 min
Delta R.T.: 0.000 min
Response: 3489004
Conc: 20.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E1K64



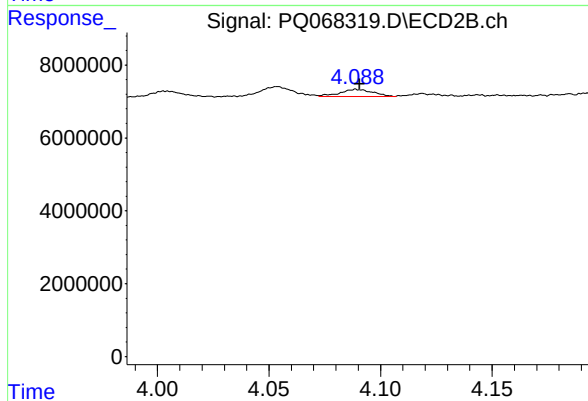
#13 AR-1232-3

R.T.: 4.004 min
Delta R.T.: 0.000 min
Response: 1367843
Conc: 16.82 ng/ml



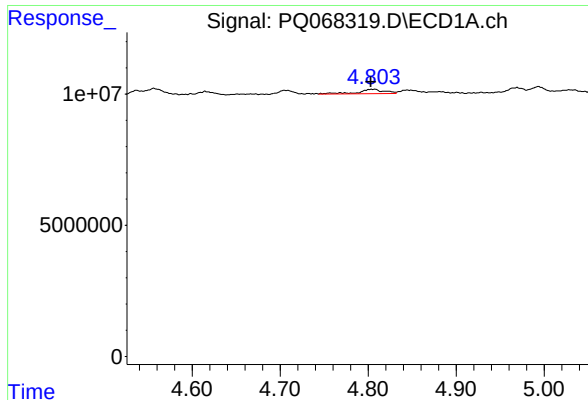
#14 AR-1232-4

R.T.: 4.708 min
Delta R.T.: 0.001 min
Response: 2265842
Conc: 26.22 ng/ml



#14 AR-1232-4

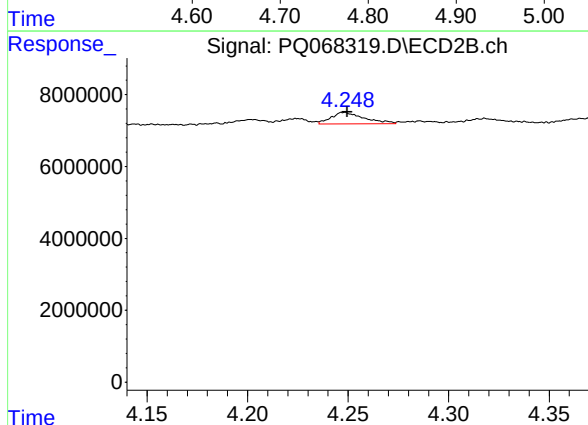
R.T.: 4.089 min
Delta R.T.: -0.002 min
Response: 1990935
Conc: 28.50 ng/ml



#15 AR-1232-5

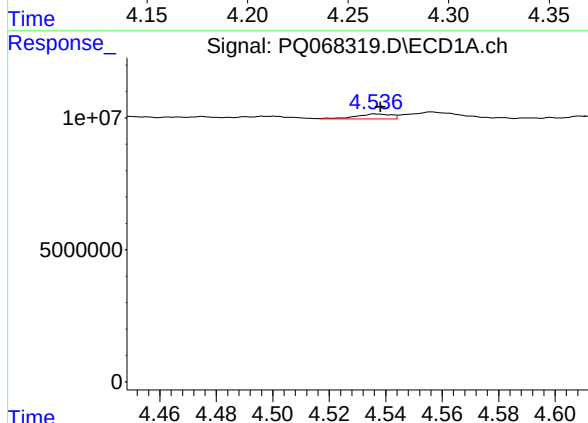
R.T.: 4.807 min
Delta R.T.: 0.004 min
Response: 3256498
Conc: 57.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E1K64



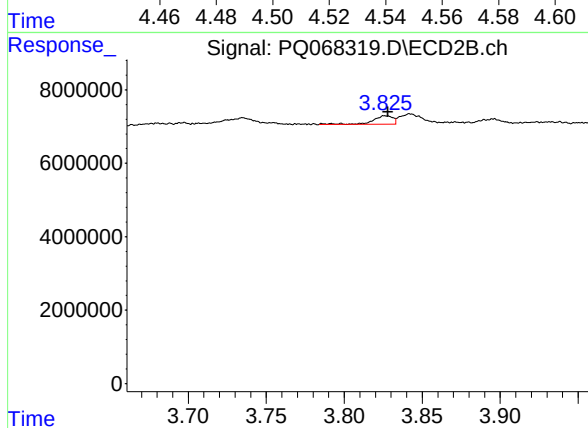
#15 AR-1232-5

R.T.: 4.248 min
Delta R.T.: -0.002 min
Response: 3695683
Conc: 47.02 ng/ml



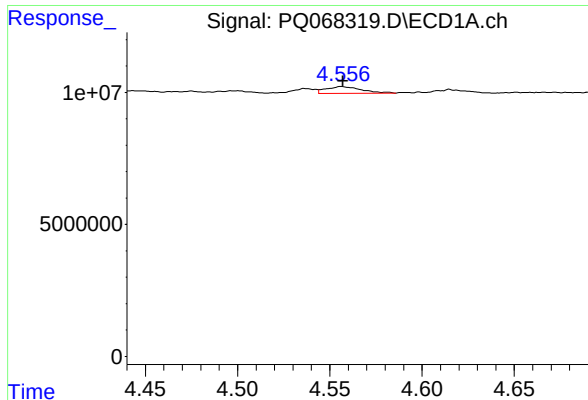
#16 AR-1242-1

R.T.: 4.537 min
Delta R.T.: -0.001 min
Response: 1636581
Conc: 8.01 ng/ml



#16 AR-1242-1

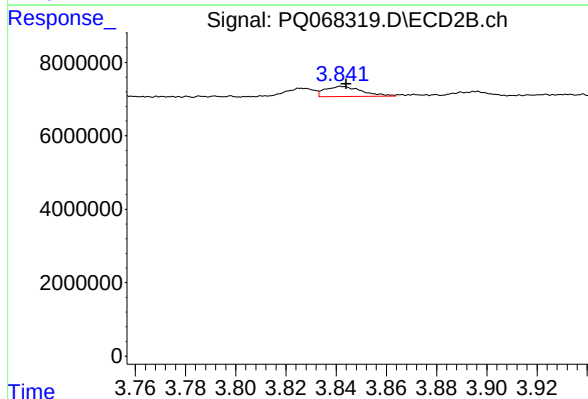
R.T.: 3.827 min
Delta R.T.: -0.001 min
Response: 2031629
Conc: 10.50 ng/ml



#17 AR-1242-2

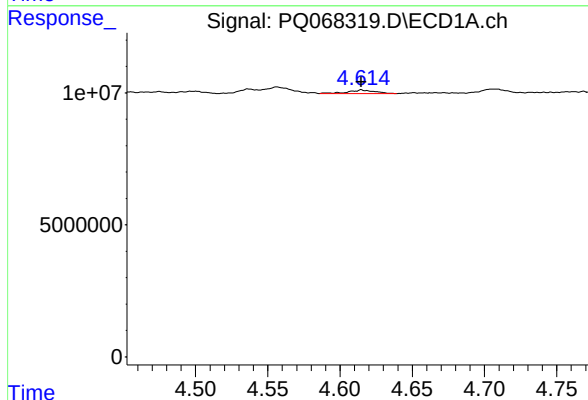
R.T.: 4.556 min
Delta R.T.: 0.000 min
Response: 3489004
Conc: 11.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E1K64



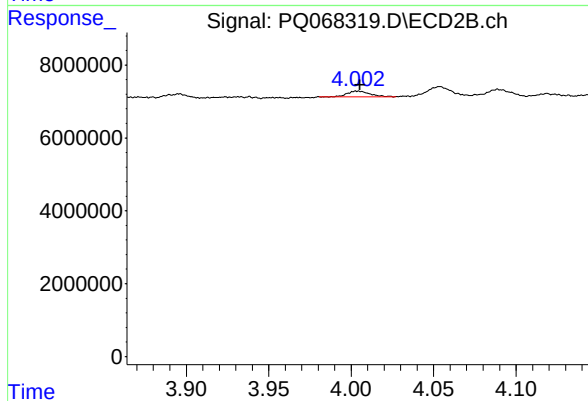
#17 AR-1242-2

R.T.: 3.842 min
Delta R.T.: -0.002 min
Response: 2795590
Conc: 9.62 ng/ml



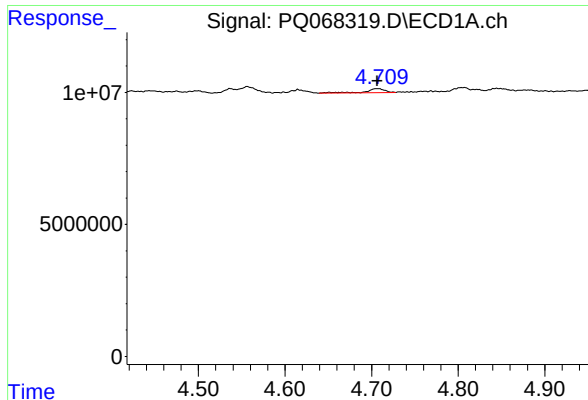
#18 AR-1242-3

R.T.: 4.615 min
Delta R.T.: 0.000 min
Response: 1859579
Conc: 9.50 ng/ml



#18 AR-1242-3

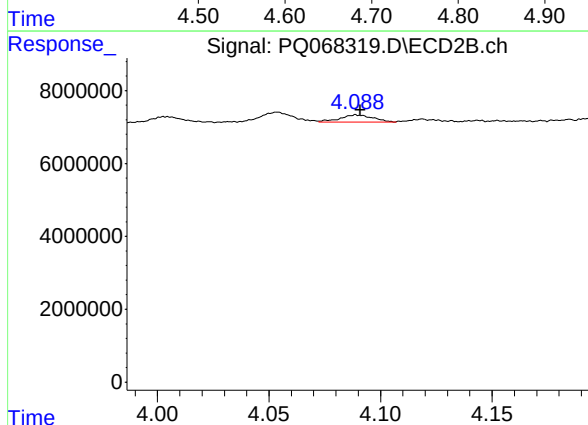
R.T.: 4.004 min
Delta R.T.: -0.001 min
Response: 1367843
Conc: 8.83 ng/ml



#19 AR-1242-4

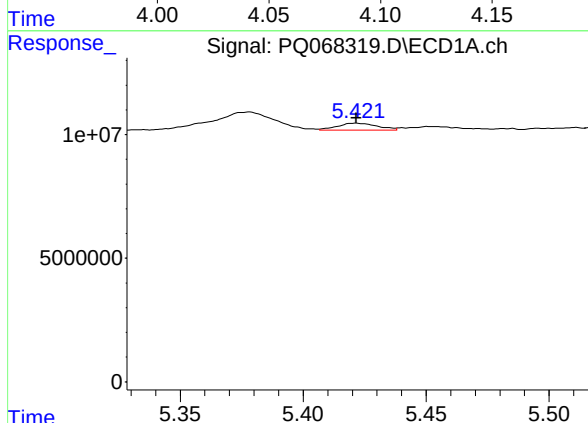
R.T.: 4.708 min
Delta R.T.: 0.001 min
Response: 2265842
Conc: 14.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E1K64



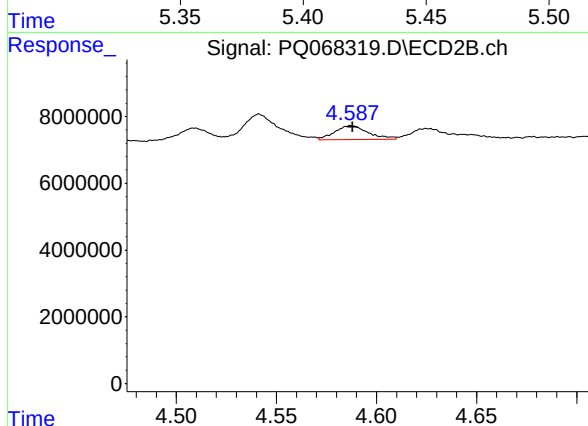
#19 AR-1242-4

R.T.: 4.089 min
Delta R.T.: -0.002 min
Response: 1990935
Conc: 13.61 ng/ml



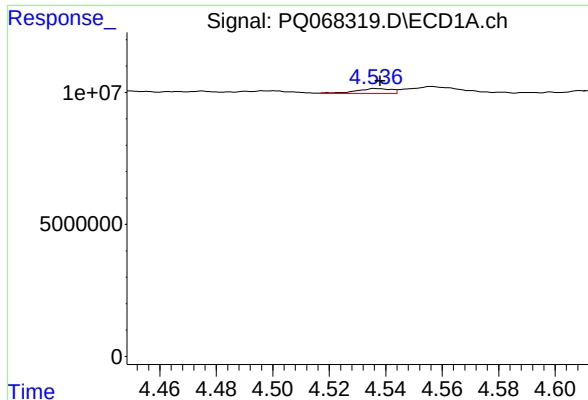
#20 AR-1242-5

R.T.: 5.421 min
Delta R.T.: 0.000 min
Response: 3177973
Conc: 18.80 ng/ml



#20 AR-1242-5

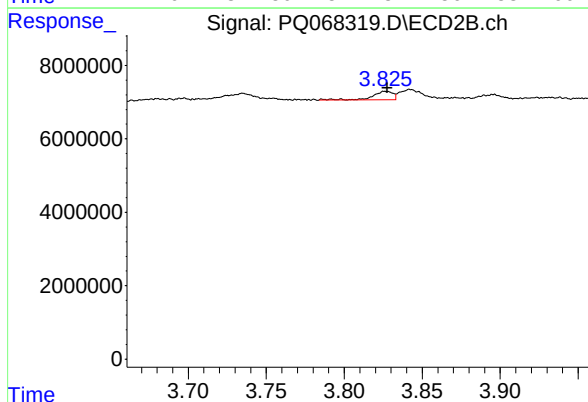
R.T.: 4.587 min
Delta R.T.: 0.000 min
Response: 4785376
Conc: 24.75 ng/ml



#21 AR-1248-1

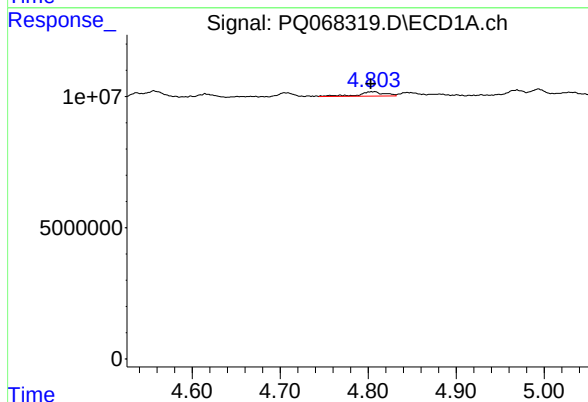
R.T.: 4.537 min
Delta R.T.: -0.001 min
Response: 1636581
Conc: 10.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E1K64



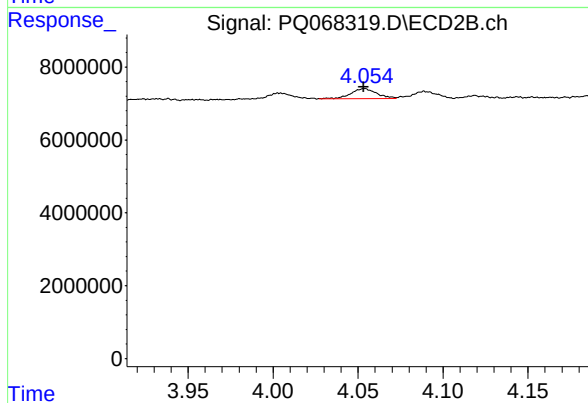
#21 AR-1248-1

R.T.: 3.827 min
Delta R.T.: 0.000 min
Response: 2031629
Conc: 14.24 ng/ml



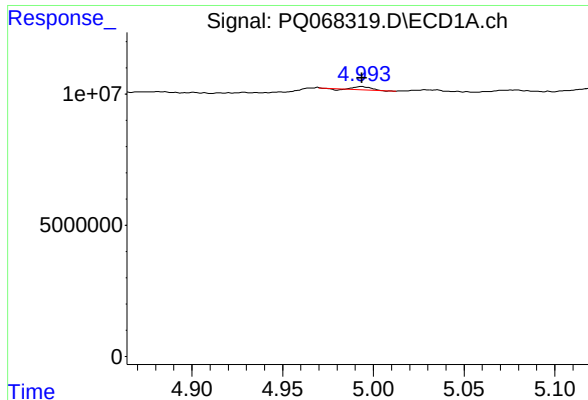
#22 AR-1248-2

R.T.: 4.807 min
Delta R.T.: 0.004 min
Response: 3256498
Conc: 15.50 ng/ml



#22 AR-1248-2

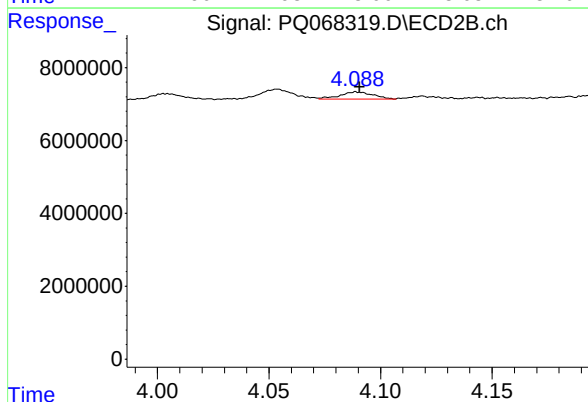
R.T.: 4.054 min
Delta R.T.: 0.000 min
Response: 2855304
Conc: 12.91 ng/ml



#23 AR-1248-3

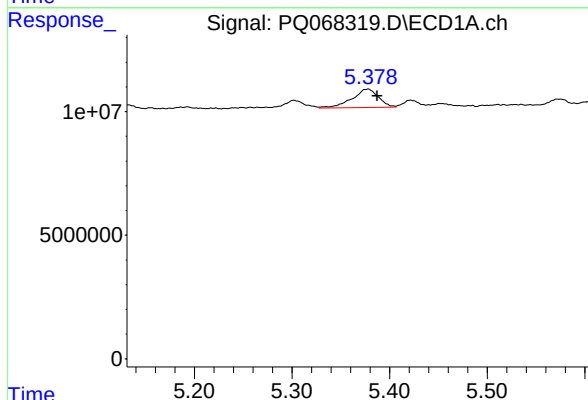
R.T.: 4.994 min
Delta R.T.: 0.000 min
Response: 688410
Conc: 2.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E1K64



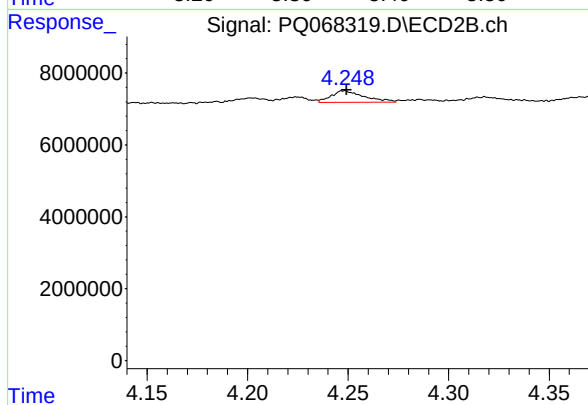
#23 AR-1248-3

R.T.: 4.089 min
Delta R.T.: -0.002 min
Response: 1990935
Conc: 9.27 ng/ml



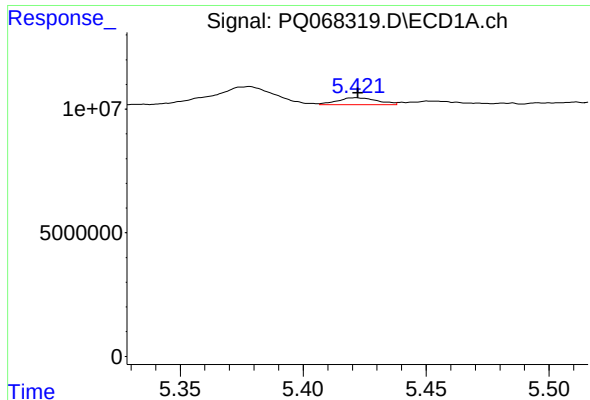
#24 AR-1248-4

R.T.: 5.378 min
Delta R.T.: -0.009 min
Response: 14042379
Conc: 49.94 ng/ml



#24 AR-1248-4

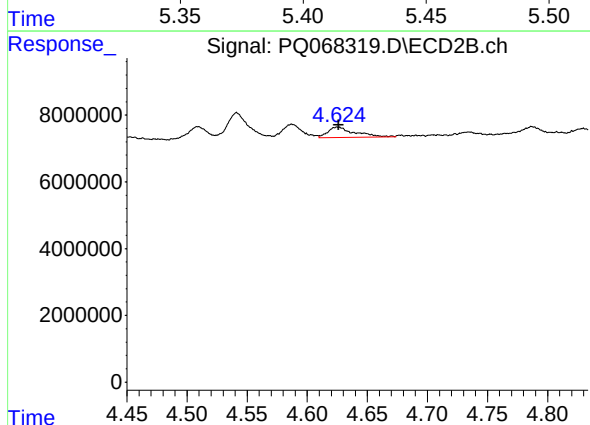
R.T.: 4.248 min
Delta R.T.: -0.001 min
Response: 3695683
Conc: 13.99 ng/ml



#25 AR-1248-5

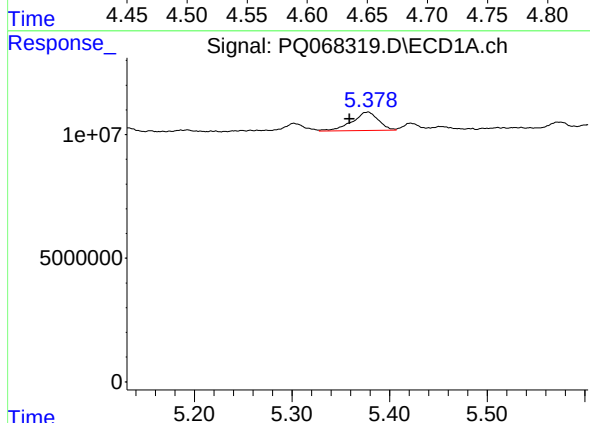
R.T.: 5.421 min
Delta R.T.: -0.001 min
Response: 3177973
Conc: 11.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E1K64



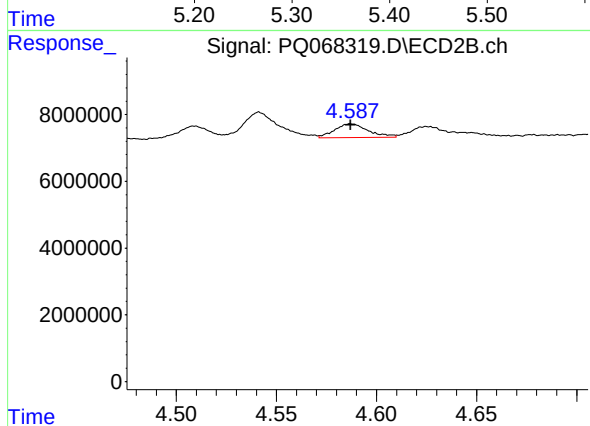
#25 AR-1248-5

R.T.: 4.625 min
Delta R.T.: 0.000 min
Response: 4775113
Conc: 18.05 ng/ml



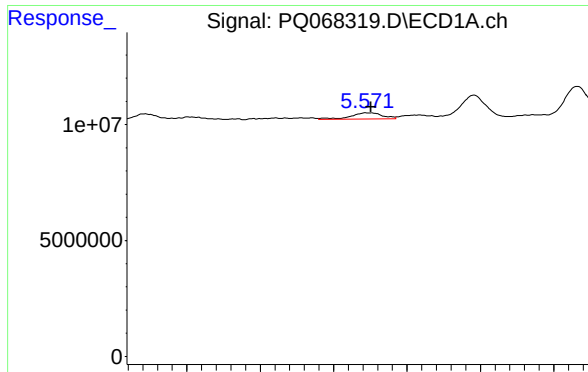
#26 AR-1254-1

R.T.: 5.378 min
Delta R.T.: 0.019 min
Response: 14042379
Conc: 50.76 ng/ml



#26 AR-1254-1

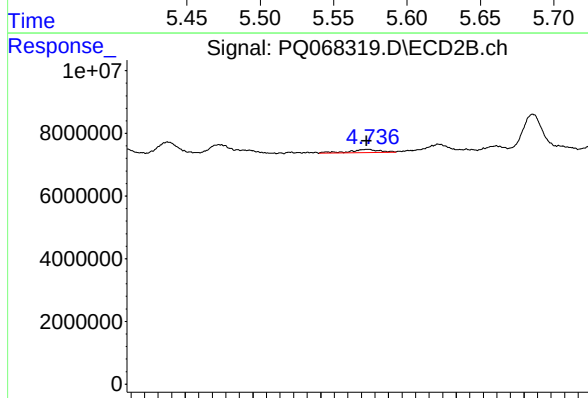
R.T.: 4.587 min
Delta R.T.: 0.000 min
Response: 4785376
Conc: 12.18 ng/ml



#27 AR-1254-2

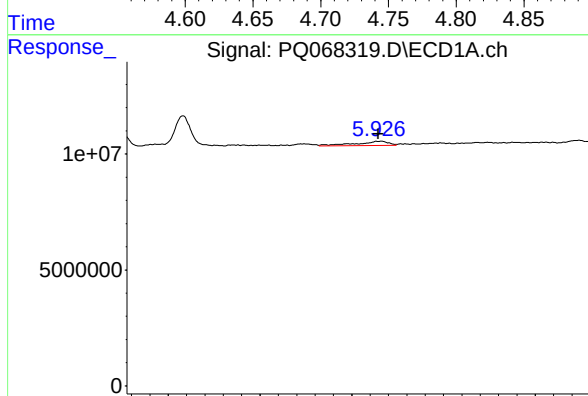
R.T.: 5.573 min
Delta R.T.: -0.003 min
Response: 4082116
Conc: 9.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E1K64



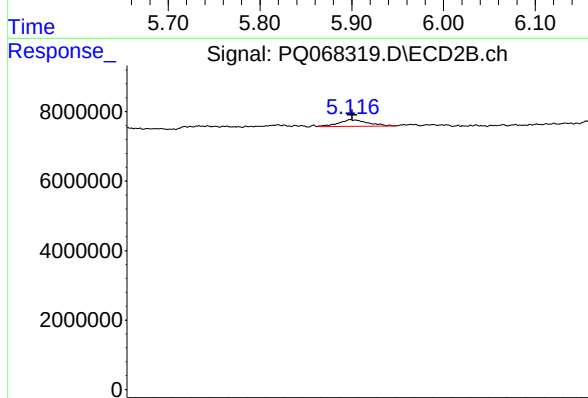
#27 AR-1254-2

R.T.: 4.735 min
Delta R.T.: 0.000 min
Response: 1665797
Conc: 4.85 ng/ml



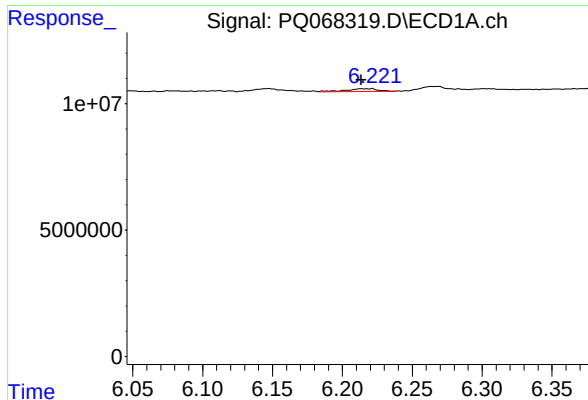
#28 AR-1254-3

R.T.: 5.932 min
Delta R.T.: 0.004 min
Response: 4489096
Conc: 9.99 ng/ml



#28 AR-1254-3

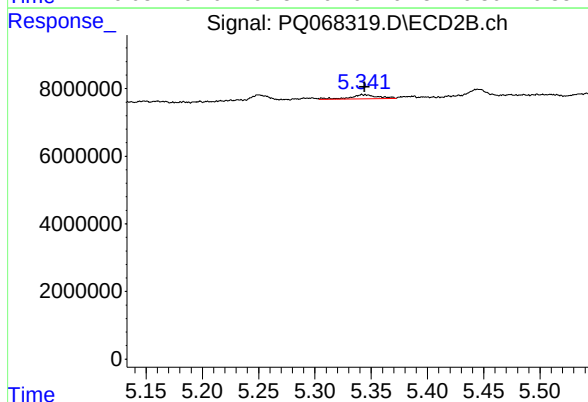
R.T.: 5.117 min
Delta R.T.: 0.000 min
Response: 2107018
Conc: 3.89 ng/ml



#29 AR-1254-4

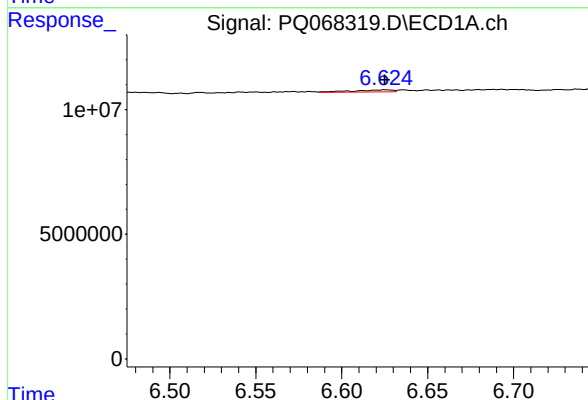
R.T.: 6.221 min
Delta R.T.: 0.007 min
Response: 1809456
Conc: 5.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E1K64



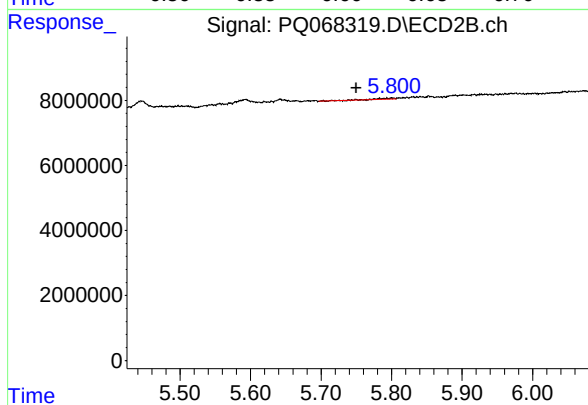
#29 AR-1254-4

R.T.: 5.342 min
Delta R.T.: -0.002 min
Response: 2133038
Conc: 6.32 ng/ml



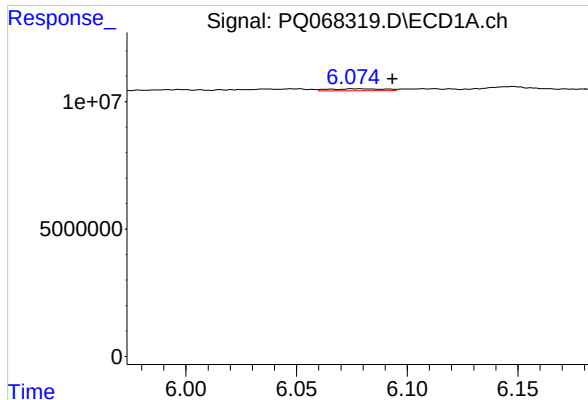
#30 AR-1254-5

R.T.: 6.626 min
Delta R.T.: 0.000 min
Response: 1380200
Conc: 3.98 ng/ml



#30 AR-1254-5

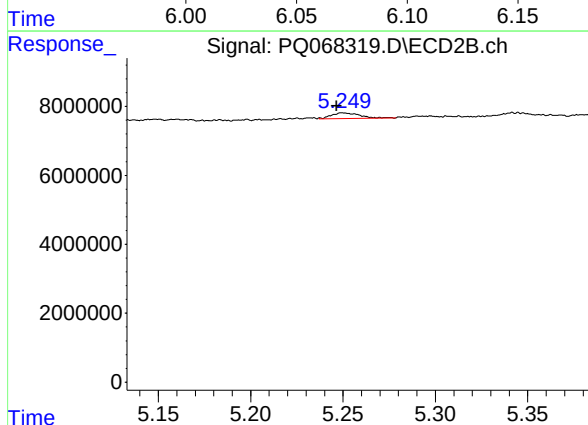
R.T.: 5.801 min
Delta R.T.: 0.051 min
Response: 542669
Conc: 1.11 ng/ml



#31 AR-1260-1

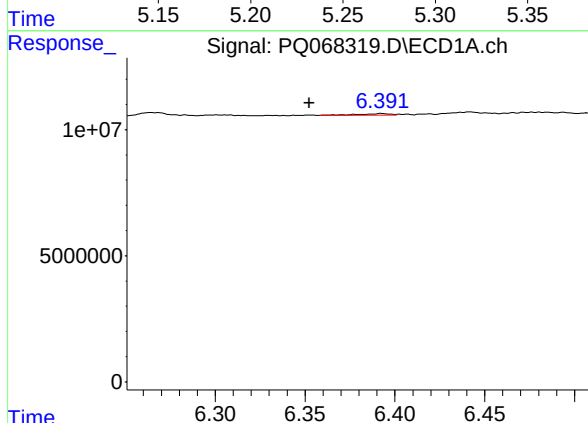
R.T.: 6.076 min
Delta R.T.: -0.018 min
Response: 1412590
Conc: 4.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E1K64



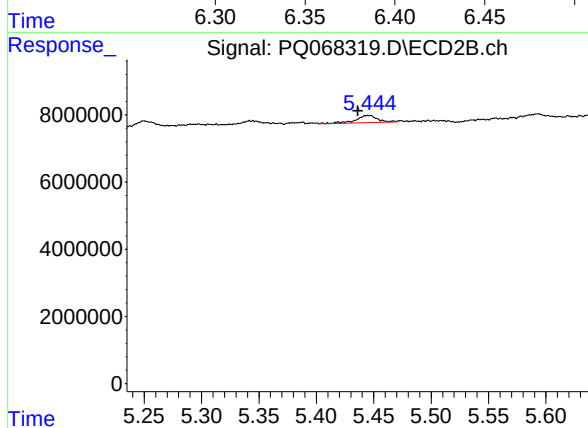
#31 AR-1260-1

R.T.: 5.250 min
Delta R.T.: 0.004 min
Response: 1793791
Conc: 4.93 ng/ml



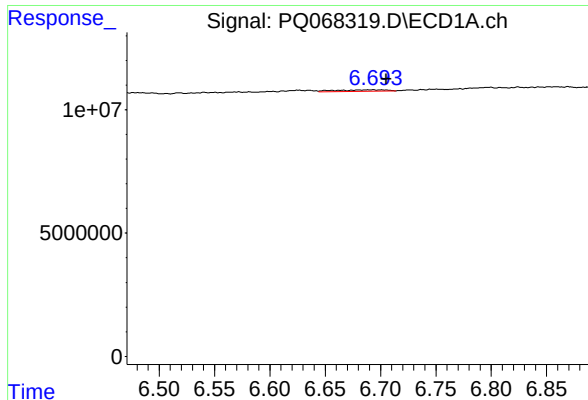
#32 AR-1260-2

R.T.: 6.392 min
Delta R.T.: 0.040 min
Response: 777315
Conc: 2.06 ng/ml



#32 AR-1260-2

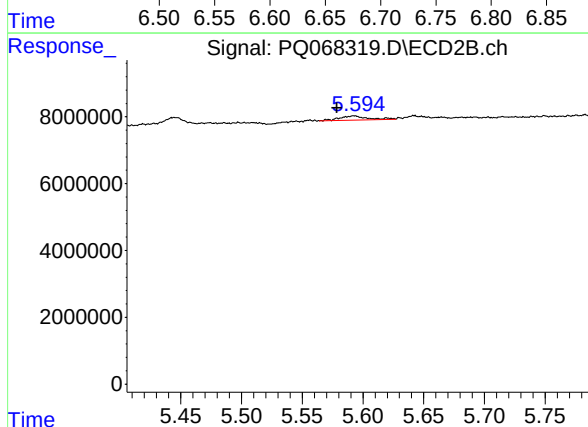
R.T.: 5.445 min
Delta R.T.: 0.009 min
Response: 2663027
Conc: 6.07 ng/ml



#33 AR-1260-3

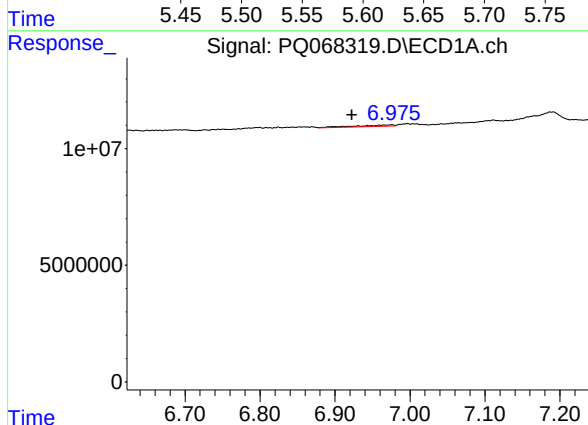
R.T.: 6.693 min
Delta R.T.: -0.012 min
Response: 1986558
Conc: 7.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E1K64



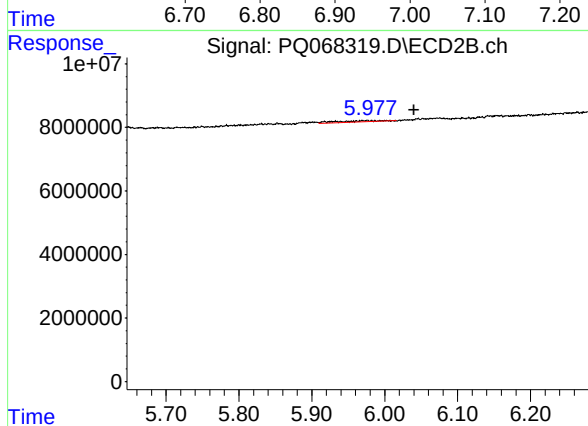
#33 AR-1260-3

R.T.: 5.593 min
Delta R.T.: 0.014 min
Response: 1944988
Conc: 4.51 ng/ml



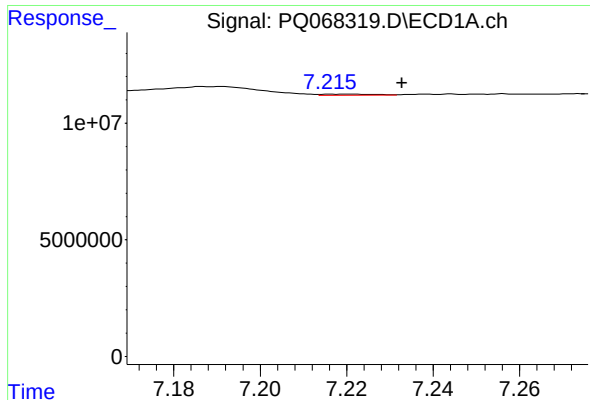
#34 AR-1260-4

R.T.: 6.976 min
Delta R.T.: 0.053 min
Response: 2001250
Conc: 6.55 ng/ml



#34 AR-1260-4

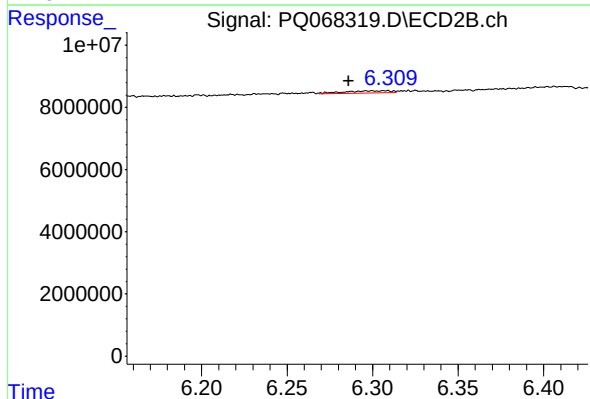
R.T.: 5.976 min
Delta R.T.: -0.064 min
Response: 1710703
Conc: 5.04 ng/ml



#35 AR-1260-5

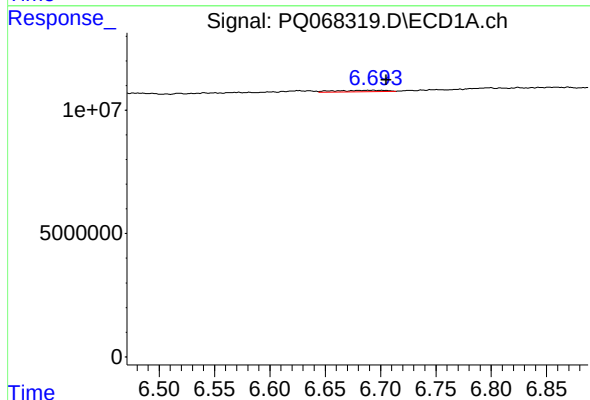
R.T.: 7.220 min
Delta R.T.: -0.012 min
Response: 384202
Conc: 0.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E1K64



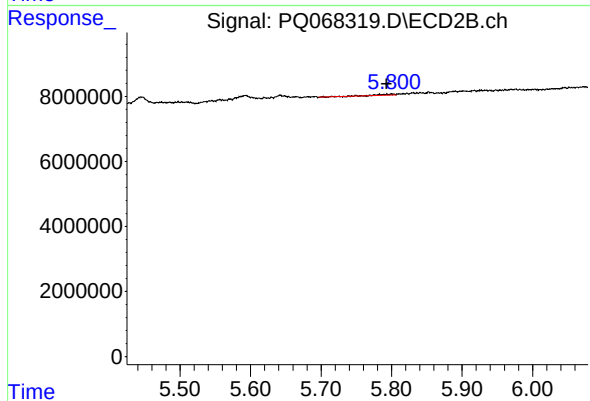
#35 AR-1260-5

R.T.: 6.307 min
Delta R.T.: 0.021 min
Response: 1319911
Conc: 1.66 ng/ml



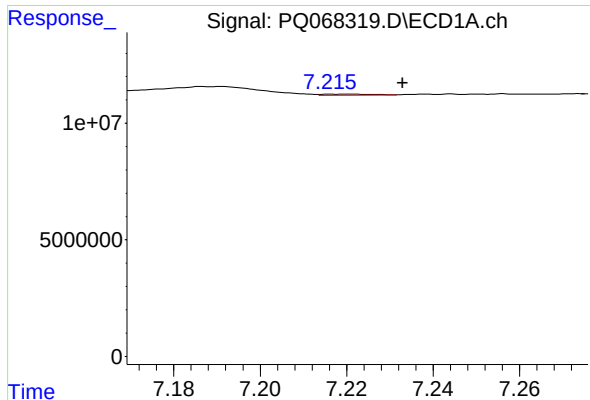
#36 AR-1262-1

R.T.: 6.693 min
Delta R.T.: -0.012 min
Response: 1986558
Conc: 4.70 ng/ml



#36 AR-1262-1

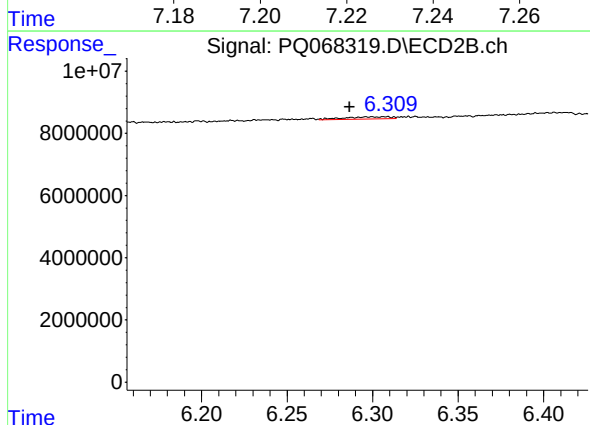
R.T.: 5.801 min
Delta R.T.: 0.008 min
Response: 542669
Conc: 1.05 ng/ml



#37 AR-1262-2

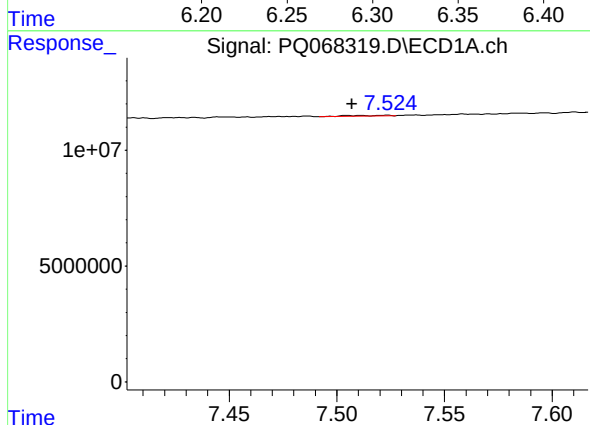
R.T.: 7.220 min
Delta R.T.: -0.012 min
Response: 384202
Conc: 0.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E1K64



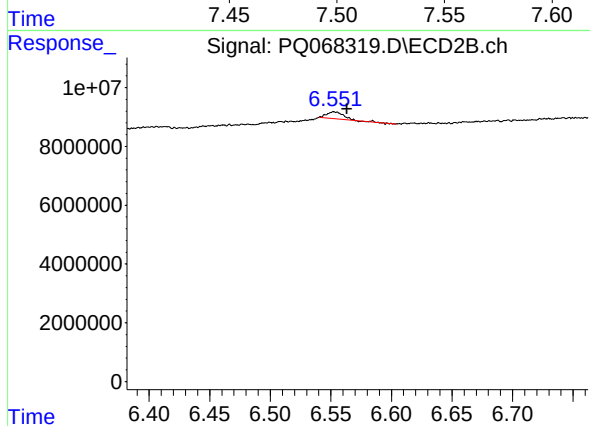
#37 AR-1262-2

R.T.: 6.307 min
Delta R.T.: 0.021 min
Response: 1319911
Conc: 1.47 ng/ml



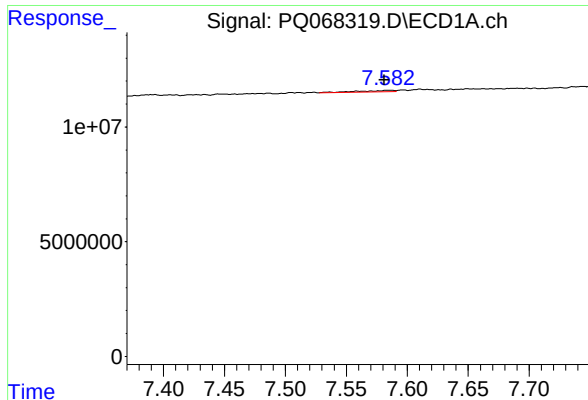
#38 AR-1262-3

R.T.: 7.523 min
Delta R.T.: 0.016 min
Response: 421963
Conc: 0.95 ng/ml



#38 AR-1262-3

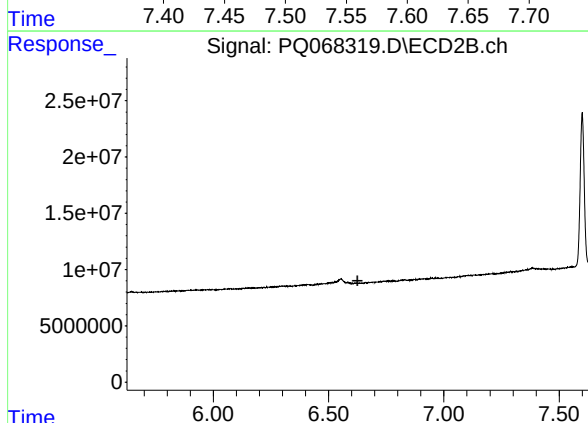
R.T.: 6.553 min
Delta R.T.: -0.010 min
Response: 2144961
Conc: 6.24 ng/ml



#39 AR-1262-4

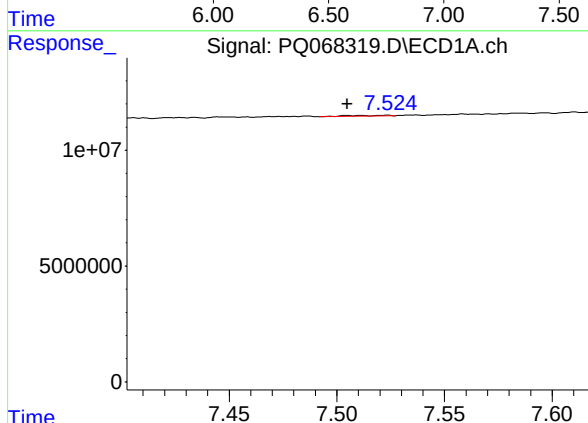
R.T.: 7.583 min
Delta R.T.: 0.002 min
Response: 1251890
Conc: 3.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E1K64



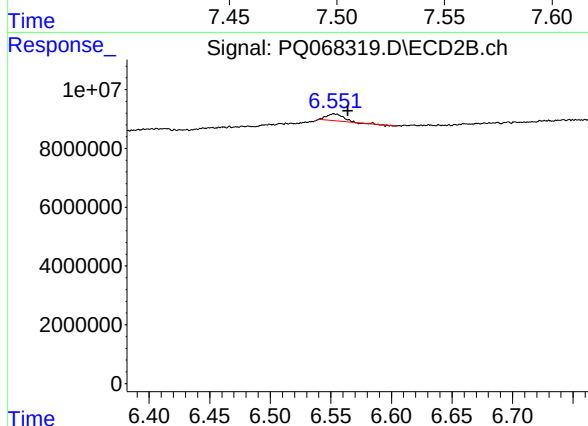
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 6.625 min
Response: 0
Conc: N.D.



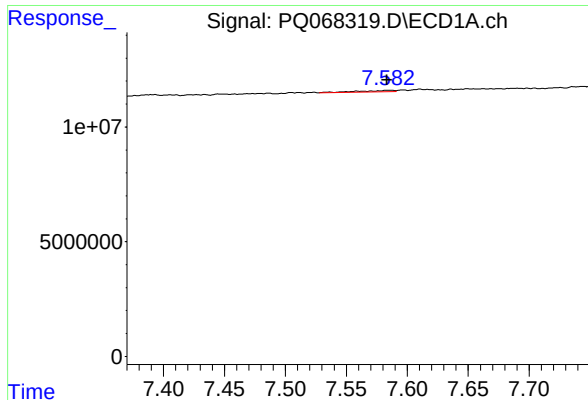
#41 AR-1268-1

R.T.: 7.523 min
Delta R.T.: 0.019 min
Response: 421963
Conc: 0.55 ng/ml



#41 AR-1268-1

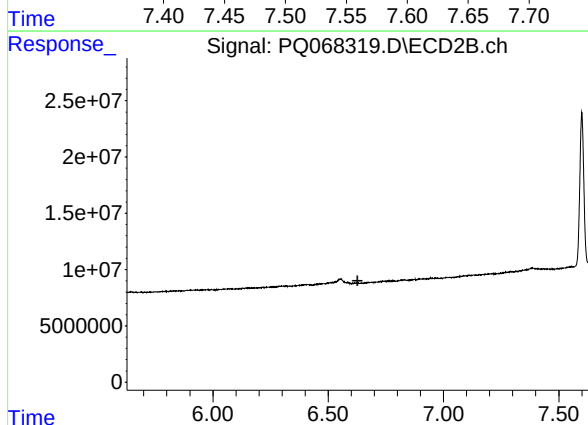
R.T.: 6.553 min
Delta R.T.: -0.011 min
Response: 2144961
Conc: 2.15 ng/ml



#42 AR-1268-2

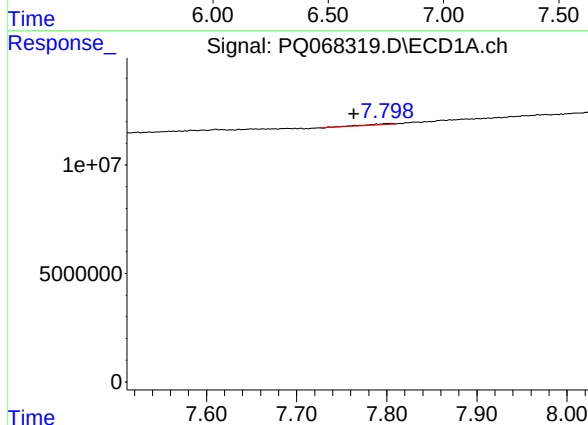
R.T.: 7.583 min
Delta R.T.: 0.000 min
Response: 1251890
Conc: 1.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E1K64



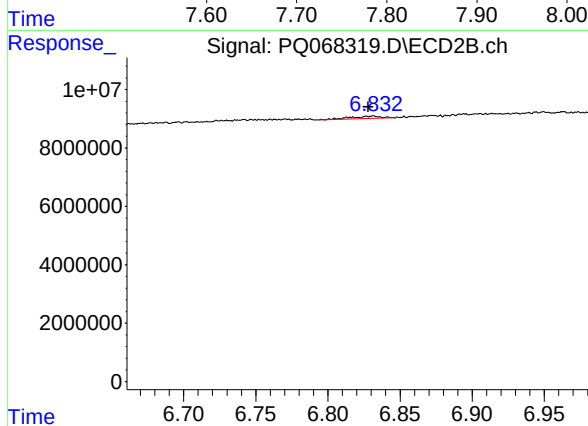
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 6.627 min
Response: 0
Conc: N.D.



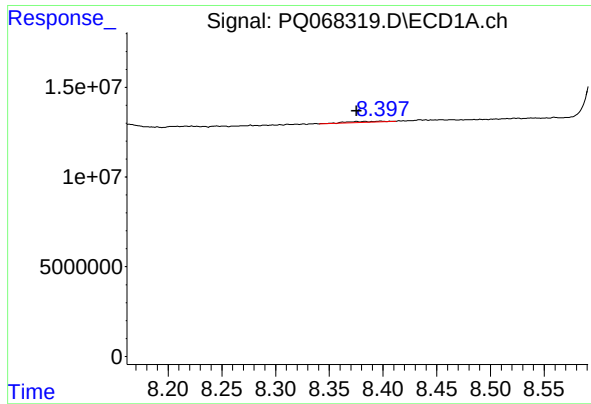
#43 AR-1268-3

R.T.: 7.805 min
Delta R.T.: 0.041 min
Response: 687644
Conc: 1.19 ng/ml



#43 AR-1268-3

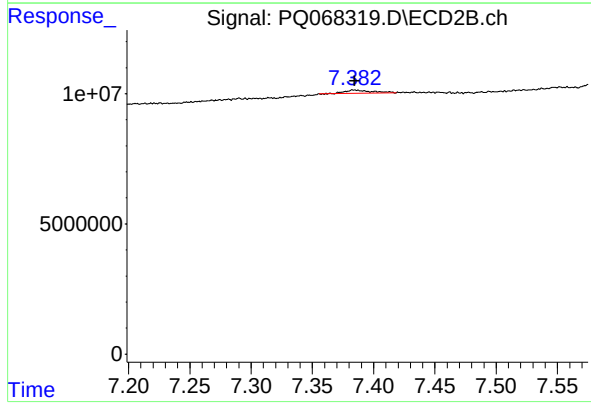
R.T.: 6.832 min
Delta R.T.: 0.004 min
Response: 1211088
Conc: 1.48 ng/ml



#45 AR-1268-5

R.T.: 8.398 min
Delta R.T.: 0.023 min
Response: 1312773
Conc: 0.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E1K64



#45 AR-1268-5

R.T.: 7.384 min
Delta R.T.: 0.000 min
Response: 1892167
Conc: 0.78 ng/ml