

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ081023\
 Data File : PQ062969.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Aug 2023 20:57
 Operator : YP\AJ
 Sample : 03572-02
 Misc : AR1254 LOQ 50 PPB
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 11 01:18:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Aug 10 11:15:56 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...	3.453	2.784	114.7E6	85198657	21.340	20.658
2) SA Decachlor...	8.687	7.596	96244621	100.1E6	24.858	23.153
Target Compounds						
3) L1 AR-1016-1	4.566	3.796	343889	487206	1.767	3.057 #
4) L1 AR-1016-2	4.587	3.812	527979	130760	1.903	0.612 #
5) L1 AR-1016-3	4.647	3.974	489342	402912	2.862	3.370
6) L1 AR-1016-4	4.734	4.024	128200	5597077	0.911	57.686 #
7) L1 AR-1016-5	5.026	4.220	4214697	3591759	30.631	28.542
8) L2 AR-1221-1	3.664	2.992	662283	47167	9.733	0.860 #
9) L2 AR-1221-2	3.734	3.055	1981304	1095451	41.527	29.043 #
10) L2 AR-1221-3	3.809	3.149	427859	496466	2.772	4.126 #
11) L3 AR-1232-1	3.809	3.149	427859	496466	3.312	5.095 #
12) L3 AR-1232-2	4.300	3.812	403757	130760	5.789	1.344 #
13) L3 AR-1232-3	4.587	3.974	527979	402912	4.321	7.588 #
14) L3 AR-1232-4	4.734	4.060	128200	1738260	2.125	37.872 #
15) L3 AR-1232-5	4.834	4.220	6632275	3591759	151.954	66.241 #
16) L4 AR-1242-1	4.566	3.796	343889	487206	2.038	3.374 #
17) L4 AR-1242-2	4.587	3.812	527979	130760	2.189	0.688 #
18) L4 AR-1242-3	4.647	3.974	489342	402912	3.341	3.733
19) L4 AR-1242-4	4.734	4.060	128200	1738260	1.036	17.447 #
20) L4 AR-1242-5	5.460	4.560	3568296	13724256	27.000	101.507 #
21) L5 AR-1248-1	4.566	3.796	343889	487206	2.583	4.361 #
22) L5 AR-1248-2	4.834	4.024	6632275	5597077	37.952	35.443
23) L5 AR-1248-3	5.026	4.060	4214697	1738260	19.930	11.398 #
24) L5 AR-1248-4	5.422	4.220	5929588	3591759	24.887	18.888
25) L5 AR-1248-5	5.460	4.598	3568296	2189446	15.355	11.320 #
26) L6 AR-1254-1	5.395	4.560	12179143	13724256	55.611	51.150
27) L6 AR-1254-2	5.613	4.707	18831320	12733312	55.608	54.250
28) L6 AR-1254-3	5.969	5.092	20630266	20948251	57.543	55.394
29) L6 AR-1254-4	6.256	5.320	18646147	13014356	68.820	53.272
30) L6 AR-1254-5	6.671	5.729	15877919	17948760	57.439	52.005
31) L7 AR-1260-1	6.136	5.223	10933782	10650709	42.771	42.675
32) L7 AR-1260-2	6.397	5.413	11025537	8201604	36.327	26.631 #
33) L7 AR-1260-3	6.725f	5.552	1970385	9759476	9.347	31.495 #
34) L7 AR-1260-4	6.950	6.022	6567680	1494128	27.405	6.093 #
35) L7 AR-1260-5	7.284	6.268	2167579	2964735	4.620	5.425
36) L8 AR-1262-1	6.725f	5.820	1970385	655884	6.101	4.594
37) L8 AR-1262-2	7.284	6.022	2167579	1494128	3.994	4.781
38) L8 AR-1262-3	7.566	6.540	1358216	1618258	3.760	6.419 #
39) L8 AR-1262-4	7.649	6.604	1311181	4620559	4.678	9.883 #
40) L8 AR-1262-5	8.154	7.116	286852	450299	1.526	2.049 #
41) L9 AR-1268-1	7.566	6.540	1358216	1618258	2.100	2.168

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ081023\
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Instrument :
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Integration File signal 1: autoint1.e
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 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Aug 10 11:15:56 2023
 Response via : Initial Calibration
 Integrator: ChemStation

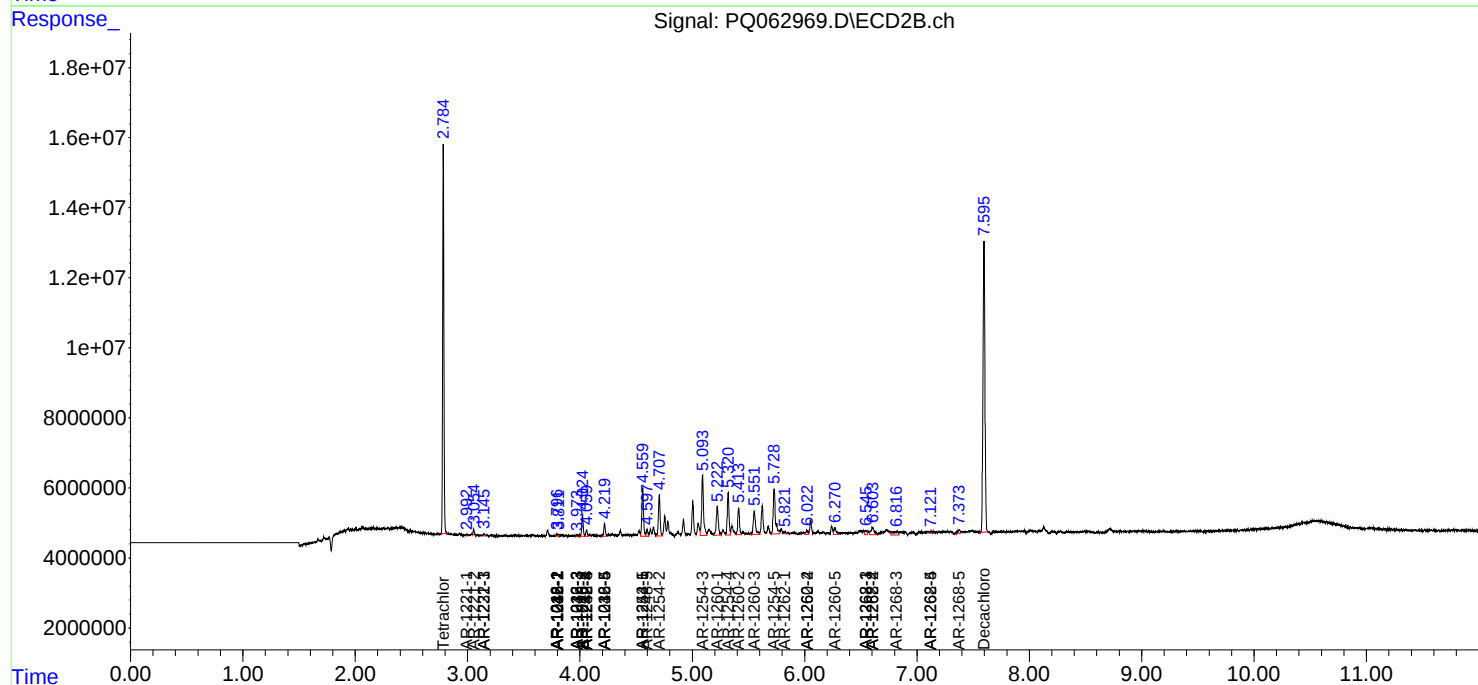
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

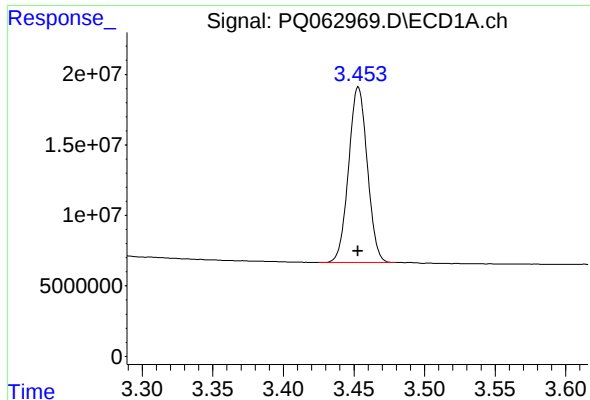
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	7.649	6.604	1311181	4620559	2.186	6.729 #
43) L9	AR-1268-3	7.820	6.815	1262431	3437298	2.564	5.856 #
44) L9	AR-1268-4	8.154	7.116	286852	450299	1.337	1.768 #
45) L9	AR-1268-5	8.451	7.375	957084	2118099	0.621	1.196 #

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

Instrument :
ECD_Q
ClientSampleId :

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

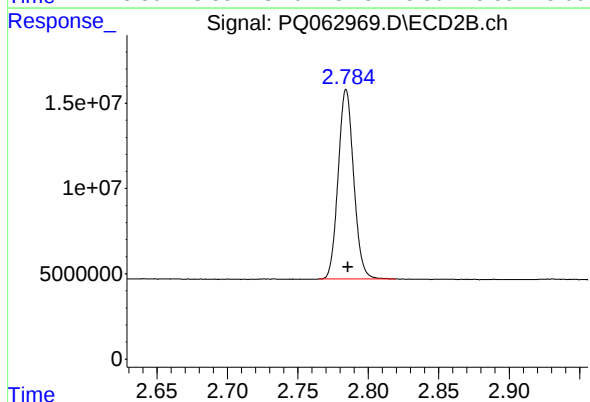




#1 Tetrachloro-m-xylene

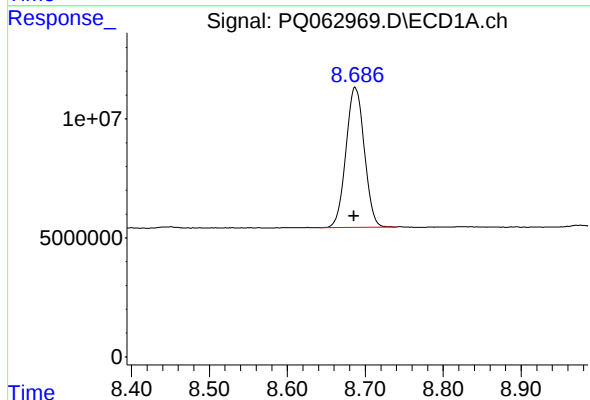
R.T.: 3.453 min
Delta R.T.: 0.000 min
Response: 114669290
Conc: 21.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



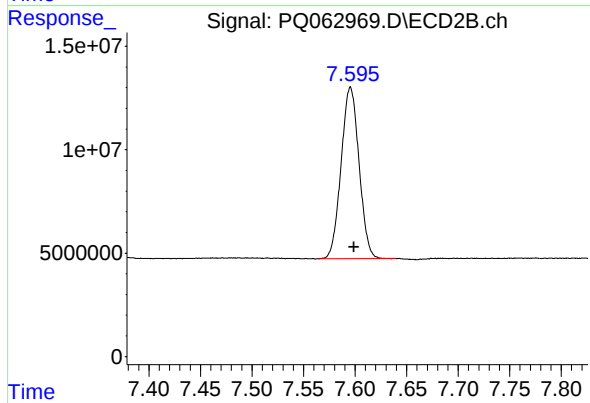
#1 Tetrachloro-m-xylene

R.T.: 2.784 min
Delta R.T.: -0.001 min
Response: 85198657
Conc: 20.66 ng/ml



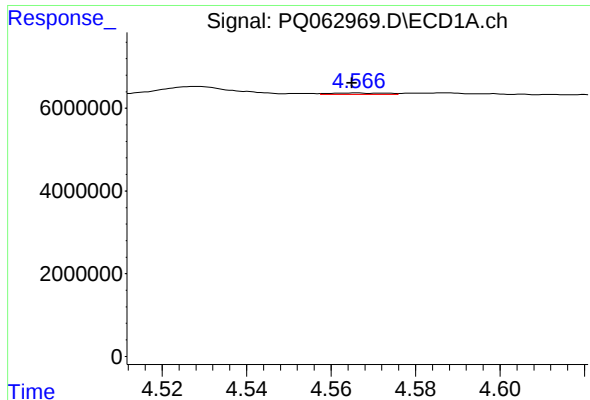
#2 Decachlorobiphenyl

R.T.: 8.687 min
Delta R.T.: 0.001 min
Response: 96244621
Conc: 24.86 ng/ml



#2 Decachlorobiphenyl

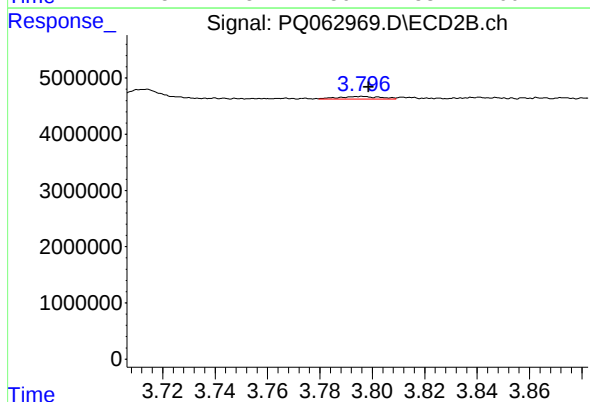
R.T.: 7.596 min
Delta R.T.: -0.003 min
Response: 100146325
Conc: 23.15 ng/ml



#3 AR-1016-1

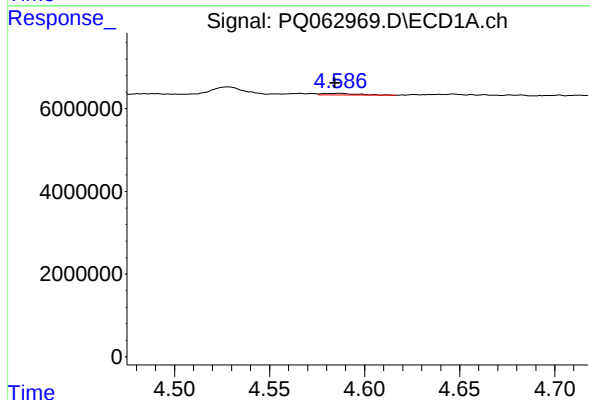
R.T.: 4.566 min
Delta R.T.: 0.001 min
Response: 343889
Conc: 1.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



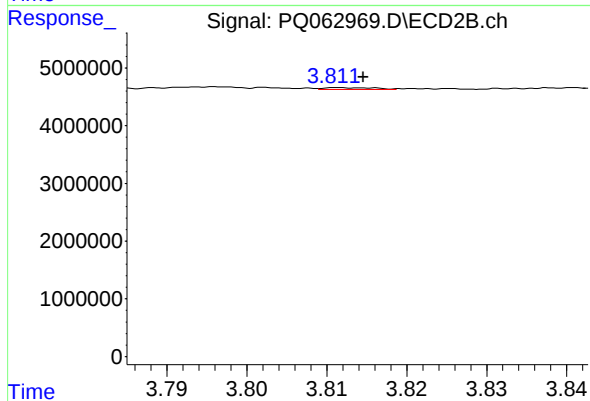
#3 AR-1016-1

R.T.: 3.796 min
Delta R.T.: -0.002 min
Response: 487206
Conc: 3.06 ng/ml



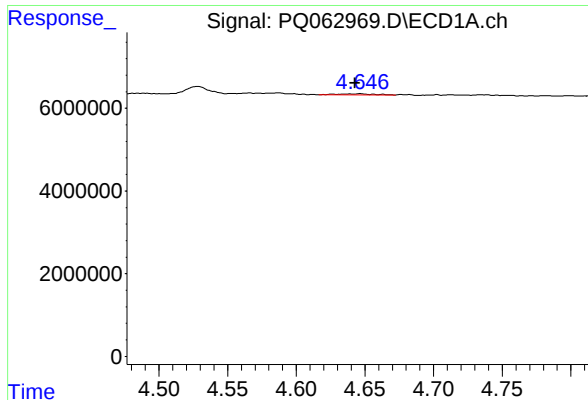
#4 AR-1016-2

R.T.: 4.587 min
Delta R.T.: 0.002 min
Response: 527979
Conc: 1.90 ng/ml



#4 AR-1016-2

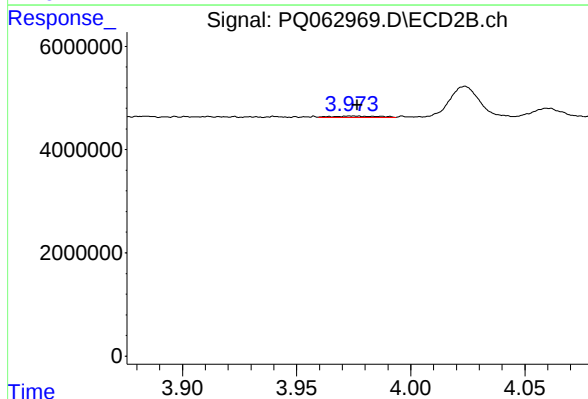
R.T.: 3.812 min
Delta R.T.: -0.003 min
Response: 130760
Conc: 0.61 ng/ml



#5 AR-1016-3

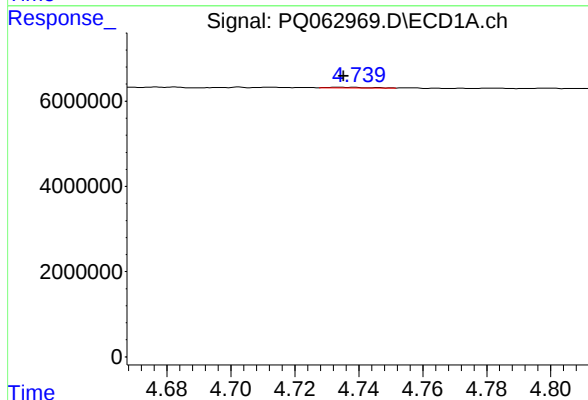
R.T.: 4.647 min
Delta R.T.: 0.004 min
Response: 489342
Conc: 2.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



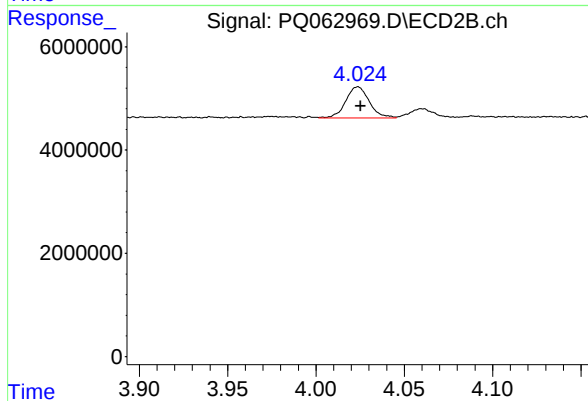
#5 AR-1016-3

R.T.: 3.974 min
Delta R.T.: -0.003 min
Response: 402912
Conc: 3.37 ng/ml



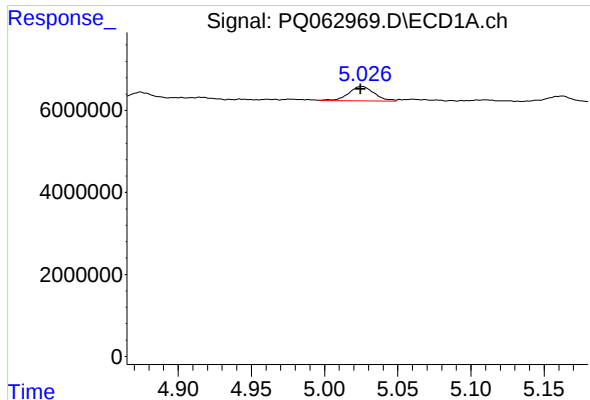
#6 AR-1016-4

R.T.: 4.734 min
Delta R.T.: -0.001 min
Response: 128200
Conc: 0.91 ng/ml



#6 AR-1016-4

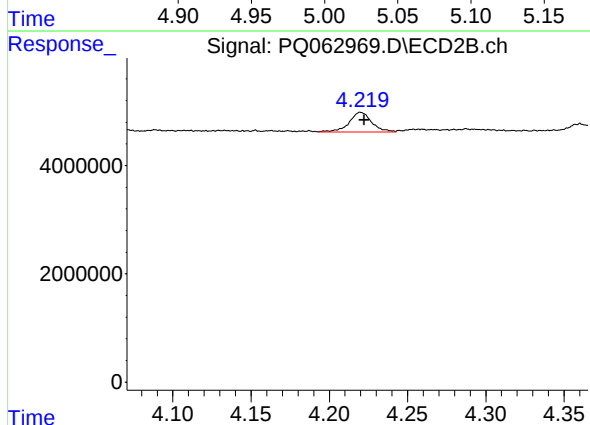
R.T.: 4.024 min
Delta R.T.: -0.001 min
Response: 5597077
Conc: 57.69 ng/ml



#7 AR-1016-5

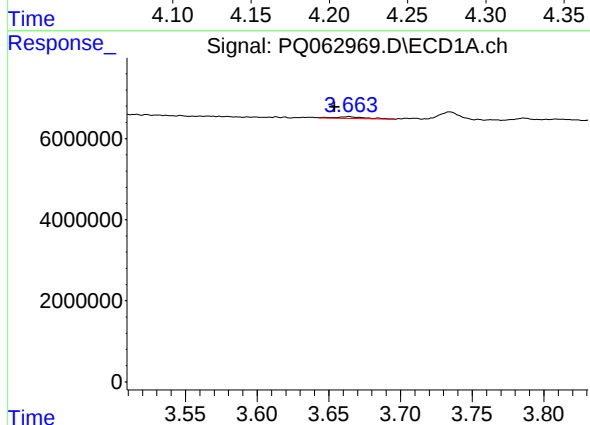
R.T.: 5.026 min
Delta R.T.: 0.000 min
Response: 4214697
Conc: 30.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



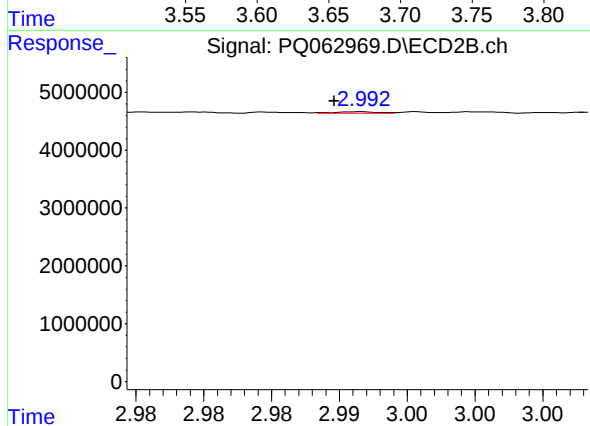
#7 AR-1016-5

R.T.: 4.220 min
Delta R.T.: -0.002 min
Response: 3591759
Conc: 28.54 ng/ml



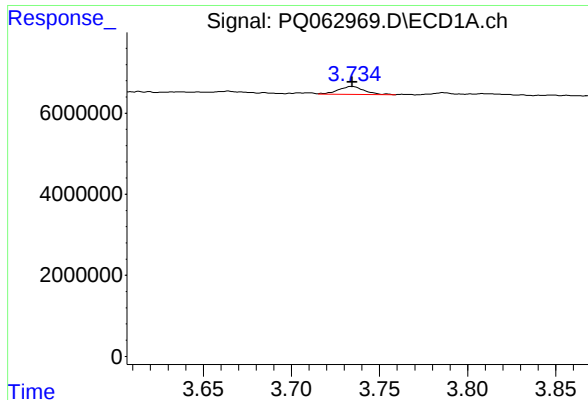
#8 AR-1221-1

R.T.: 3.664 min
Delta R.T.: 0.010 min
Response: 662283
Conc: 9.73 ng/ml



#8 AR-1221-1

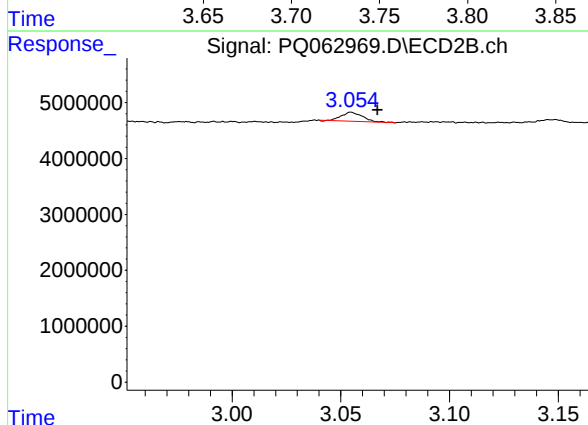
R.T.: 2.992 min
Delta R.T.: 0.002 min
Response: 47167
Conc: 0.86 ng/ml



#9 AR-1221-2

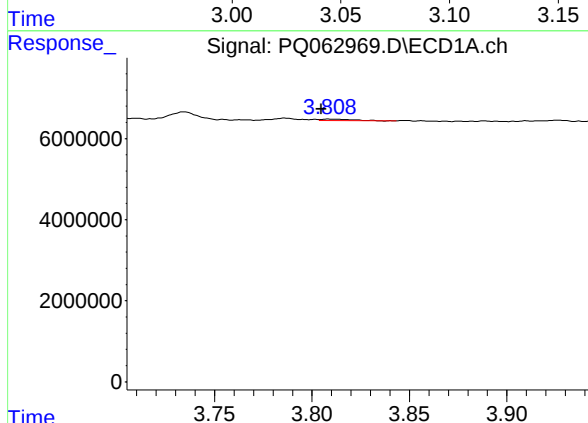
R.T.: 3.734 min
Delta R.T.: 0.000 min
Response: 1981304
Conc: 41.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



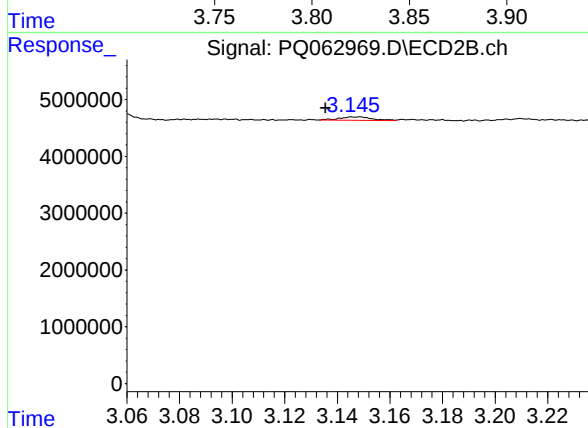
#9 AR-1221-2

R.T.: 3.055 min
Delta R.T.: -0.012 min
Response: 1095451
Conc: 29.04 ng/ml



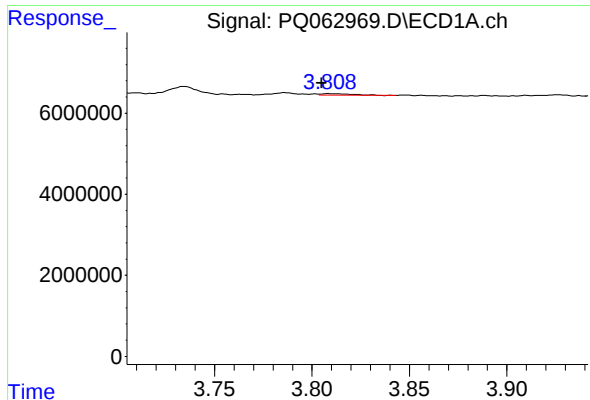
#10 AR-1221-3

R.T.: 3.809 min
Delta R.T.: 0.005 min
Response: 427859
Conc: 2.77 ng/ml



#10 AR-1221-3

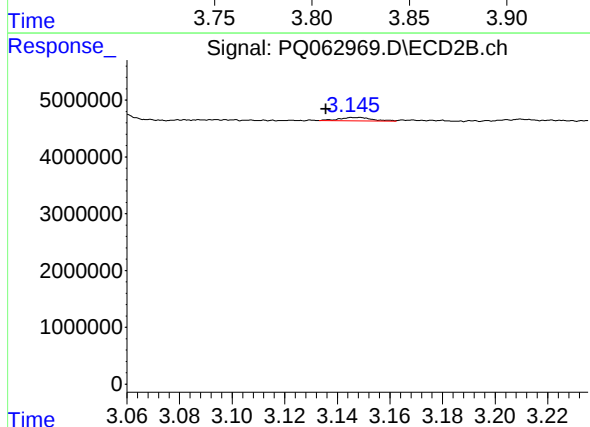
R.T.: 3.149 min
Delta R.T.: 0.013 min
Response: 496466
Conc: 4.13 ng/ml



#11 AR-1232-1

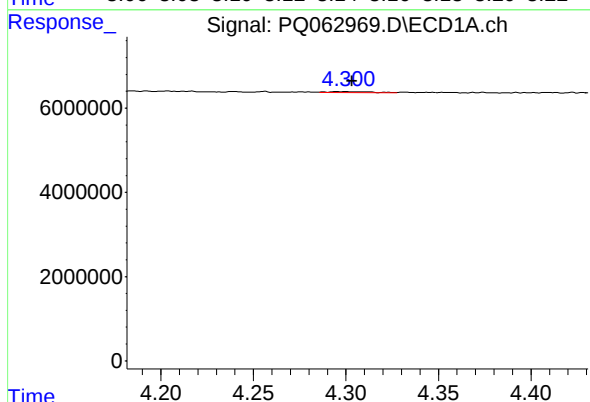
R.T.: 3.809 min
Delta R.T.: 0.005 min
Response: 427859
Conc: 3.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



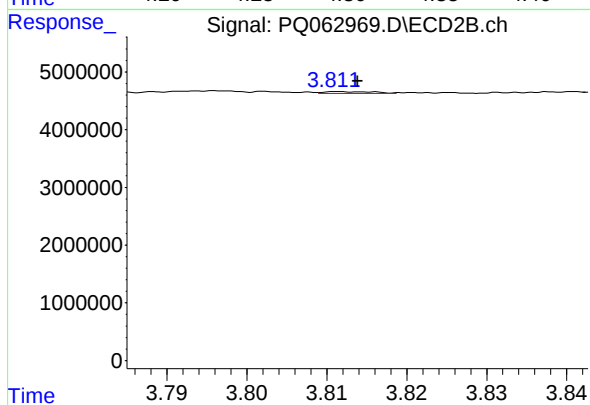
#11 AR-1232-1

R.T.: 3.149 min
Delta R.T.: 0.013 min
Response: 496466
Conc: 5.10 ng/ml



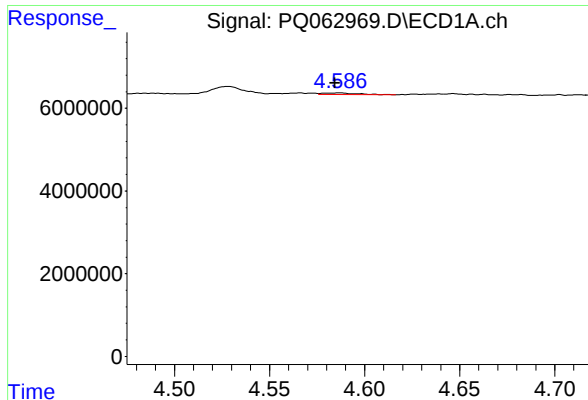
#12 AR-1232-2

R.T.: 4.300 min
Delta R.T.: -0.003 min
Response: 403757
Conc: 5.79 ng/ml



#12 AR-1232-2

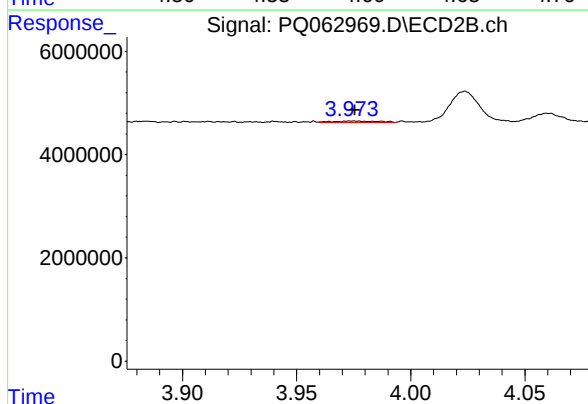
R.T.: 3.812 min
Delta R.T.: -0.002 min
Response: 130760
Conc: 1.34 ng/ml



#13 AR-1232-3

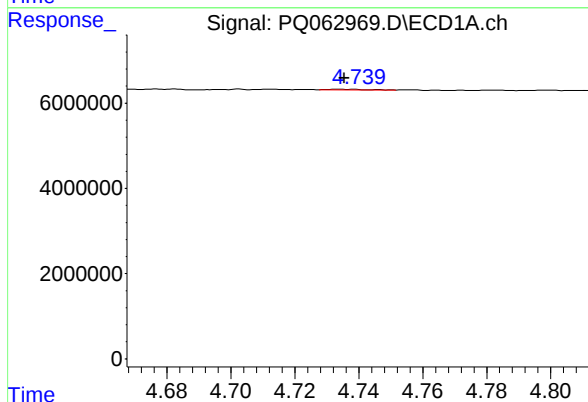
R.T.: 4.587 min
Delta R.T.: 0.003 min
Response: 527979
Conc: 4.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



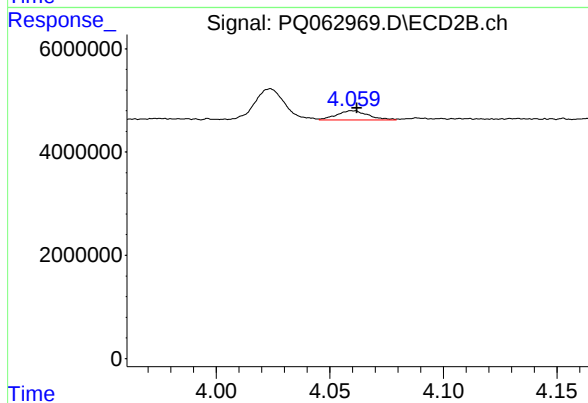
#13 AR-1232-3

R.T.: 3.974 min
Delta R.T.: -0.002 min
Response: 402912
Conc: 7.59 ng/ml



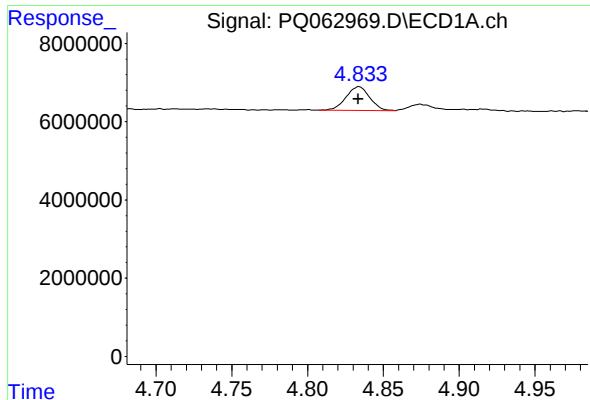
#14 AR-1232-4

R.T.: 4.734 min
Delta R.T.: -0.002 min
Response: 128200
Conc: 2.12 ng/ml



#14 AR-1232-4

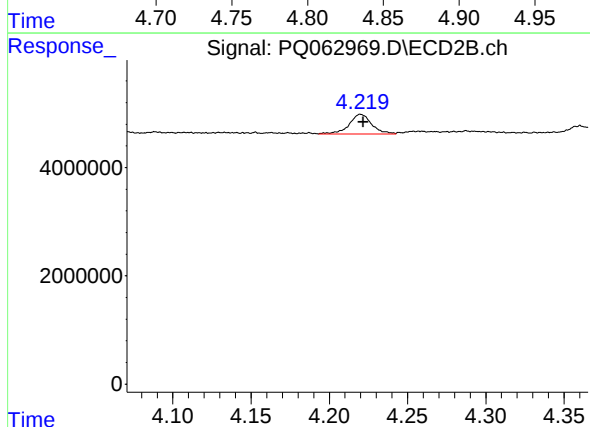
R.T.: 4.060 min
Delta R.T.: -0.002 min
Response: 1738260
Conc: 37.87 ng/ml



#15 AR-1232-5

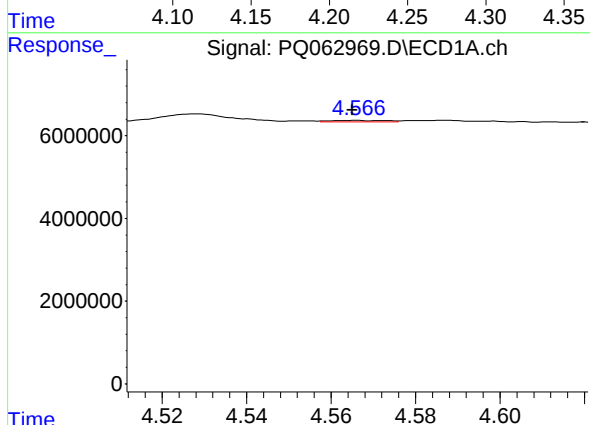
R.T.: 4.834 min
Delta R.T.: 0.000 min
Response: 6632275
Conc: 151.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



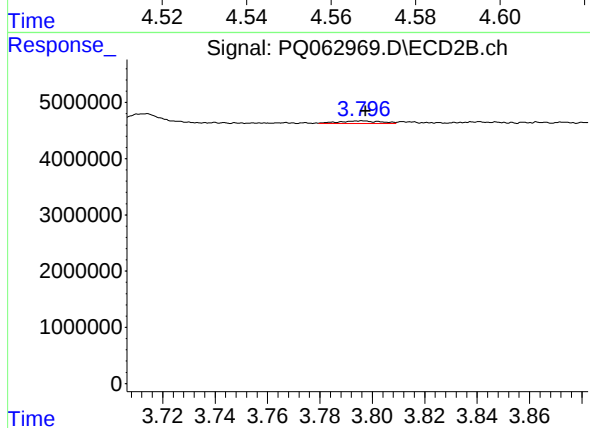
#15 AR-1232-5

R.T.: 4.220 min
Delta R.T.: -0.002 min
Response: 3591759
Conc: 66.24 ng/ml



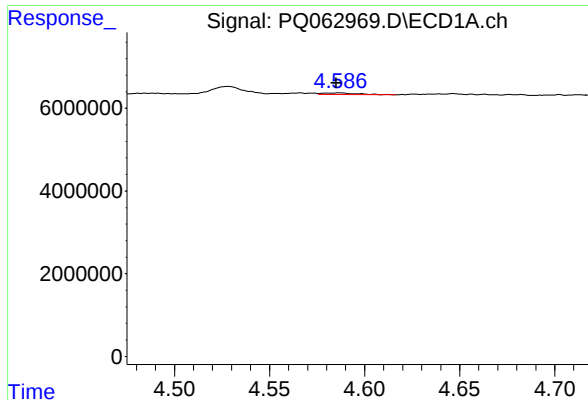
#16 AR-1242-1

R.T.: 4.566 min
Delta R.T.: 0.000 min
Response: 343889
Conc: 2.04 ng/ml



#16 AR-1242-1

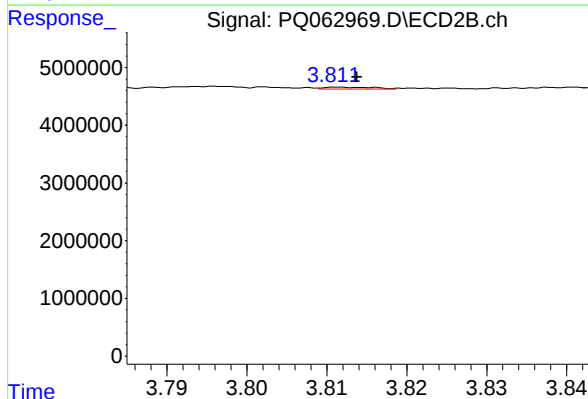
R.T.: 3.796 min
Delta R.T.: -0.001 min
Response: 487206
Conc: 3.37 ng/ml



#17 AR-1242-2

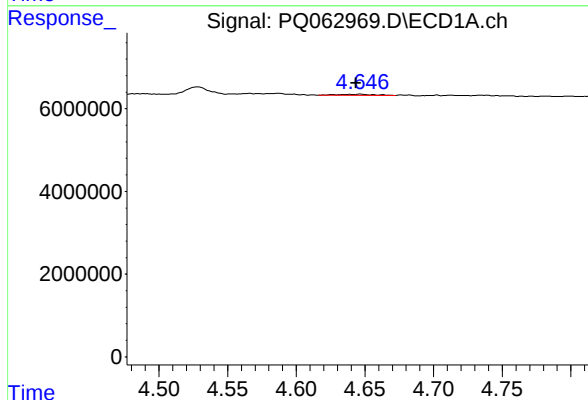
R.T.: 4.587 min
Delta R.T.: 0.002 min
Response: 527979
Conc: 2.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



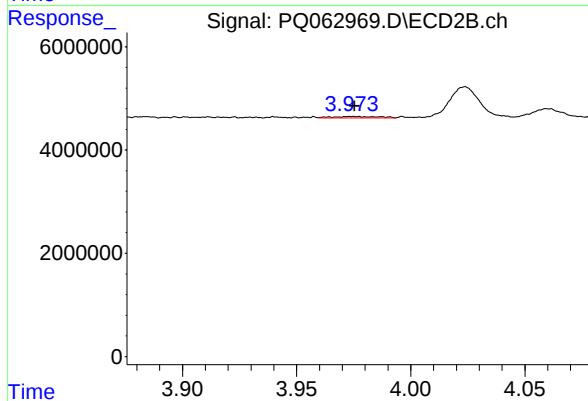
#17 AR-1242-2

R.T.: 3.812 min
Delta R.T.: -0.002 min
Response: 130760
Conc: 0.69 ng/ml



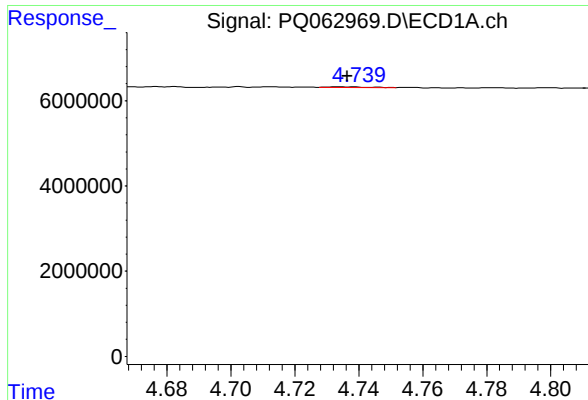
#18 AR-1242-3

R.T.: 4.647 min
Delta R.T.: 0.003 min
Response: 489342
Conc: 3.34 ng/ml



#18 AR-1242-3

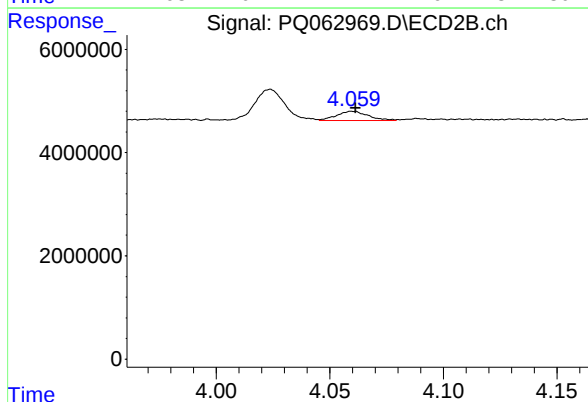
R.T.: 3.974 min
Delta R.T.: -0.002 min
Response: 402912
Conc: 3.73 ng/ml



#19 AR-1242-4

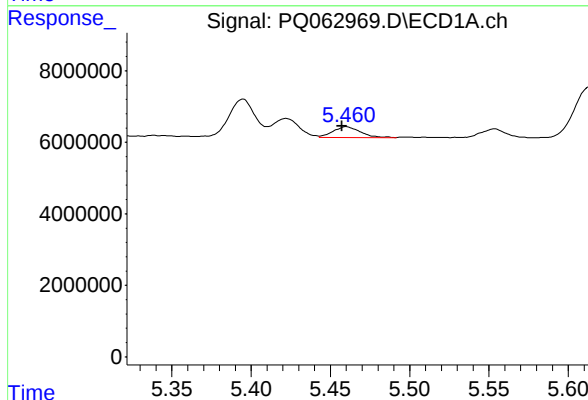
R.T.: 4.734 min
Delta R.T.: -0.002 min
Response: 128200
Conc: 1.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



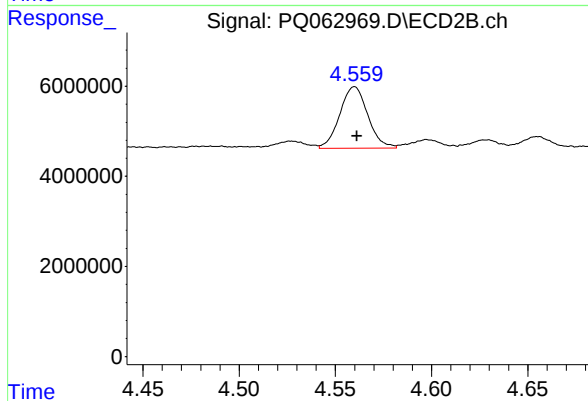
#19 AR-1242-4

R.T.: 4.060 min
Delta R.T.: -0.002 min
Response: 1738260
Conc: 17.45 ng/ml



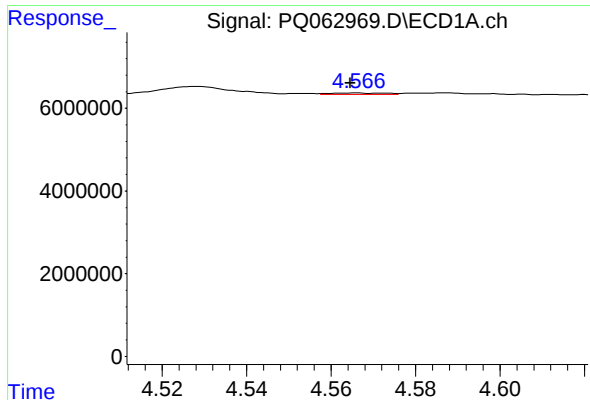
#20 AR-1242-5

R.T.: 5.460 min
Delta R.T.: 0.003 min
Response: 3568296
Conc: 27.00 ng/ml



#20 AR-1242-5

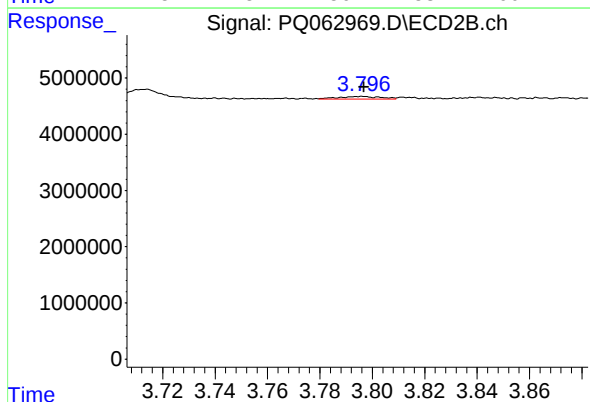
R.T.: 4.560 min
Delta R.T.: -0.001 min
Response: 13724256
Conc: 101.51 ng/ml



#21 AR-1248-1

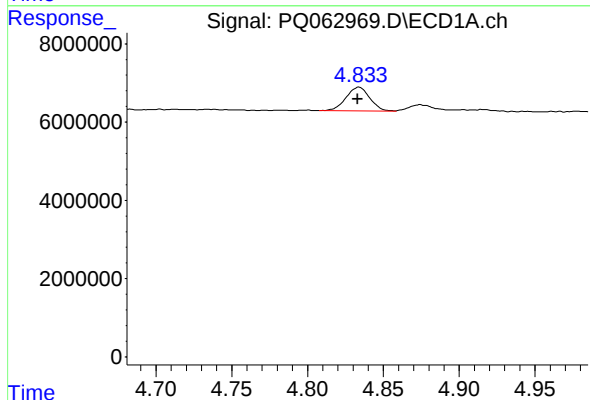
R.T.: 4.566 min
Delta R.T.: 0.001 min
Response: 343889
Conc: 2.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



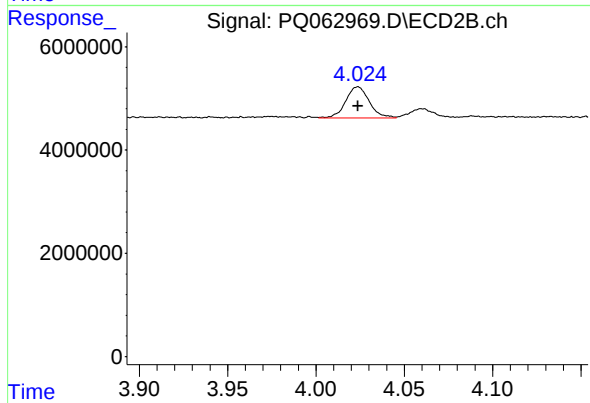
#21 AR-1248-1

R.T.: 3.796 min
Delta R.T.: 0.000 min
Response: 487206
Conc: 4.36 ng/ml



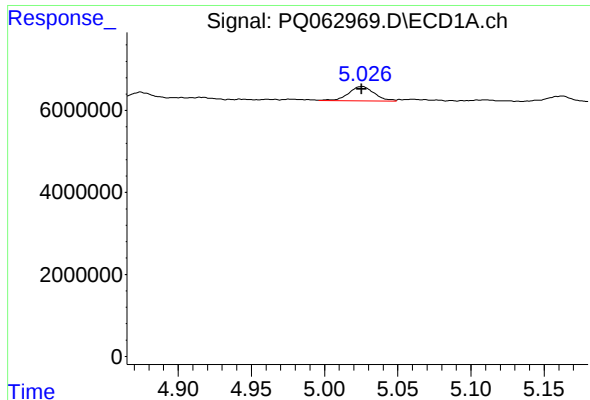
#22 AR-1248-2

R.T.: 4.834 min
Delta R.T.: 0.000 min
Response: 6632275
Conc: 37.95 ng/ml



#22 AR-1248-2

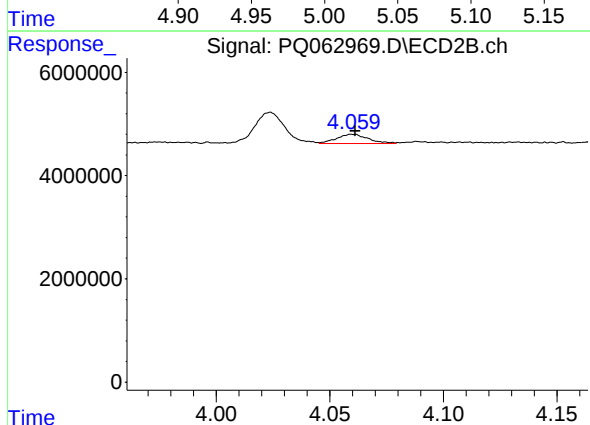
R.T.: 4.024 min
Delta R.T.: 0.000 min
Response: 5597077
Conc: 35.44 ng/ml



#23 AR-1248-3

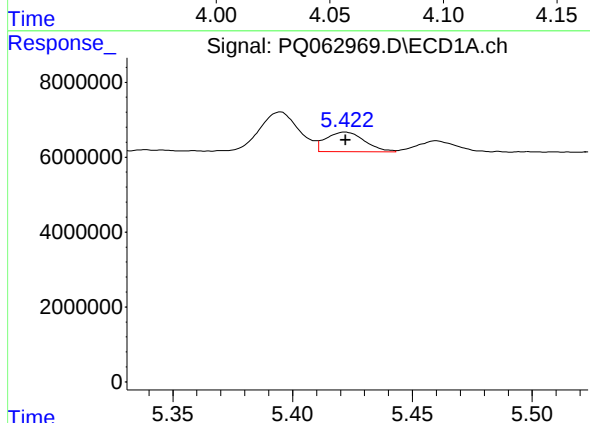
R.T.: 5.026 min
Delta R.T.: 0.000 min
Response: 4214697
Conc: 19.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



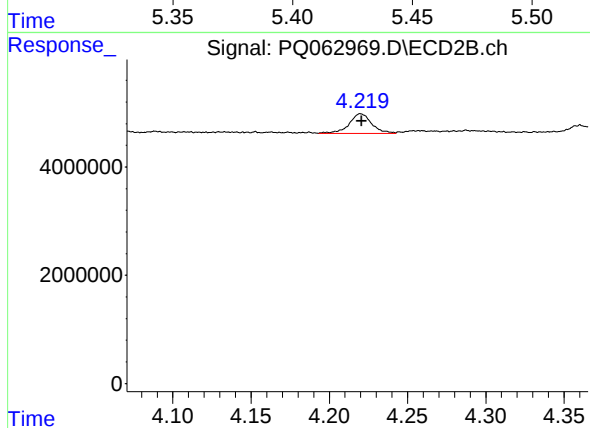
#23 AR-1248-3

R.T.: 4.060 min
Delta R.T.: -0.001 min
Response: 1738260
Conc: 11.40 ng/ml



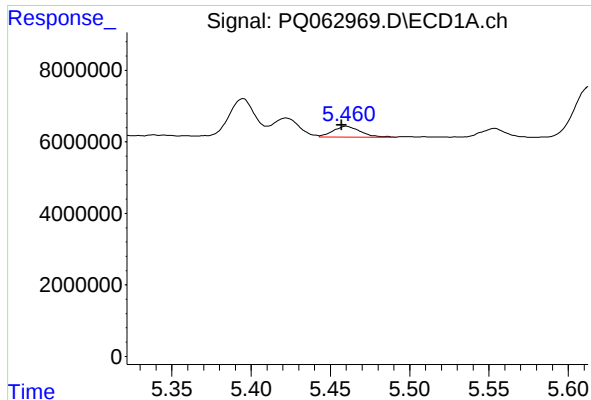
#24 AR-1248-4

R.T.: 5.422 min
Delta R.T.: 0.000 min
Response: 5929588
Conc: 24.89 ng/ml



#24 AR-1248-4

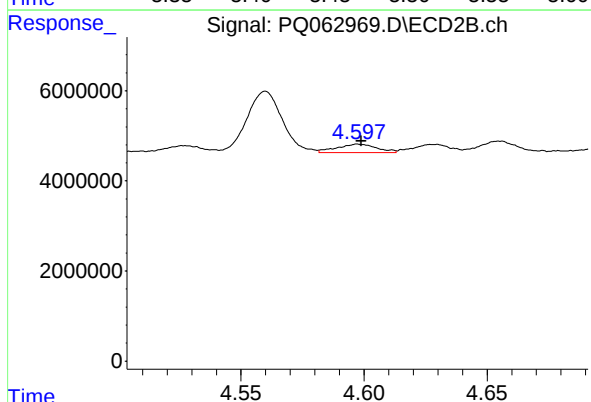
R.T.: 4.220 min
Delta R.T.: 0.000 min
Response: 3591759
Conc: 18.89 ng/ml



#25 AR-1248-5

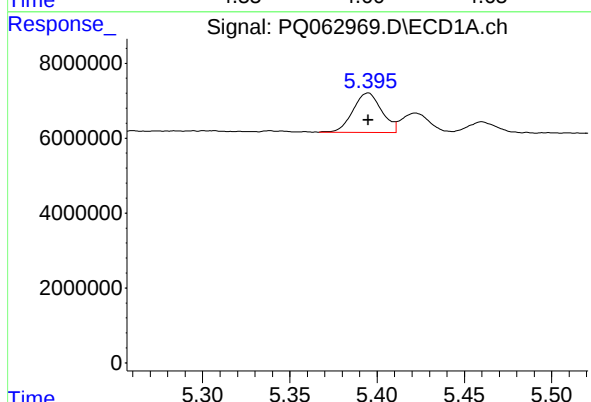
R.T.: 5.460 min
Delta R.T.: 0.003 min
Response: 3568296
Conc: 15.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



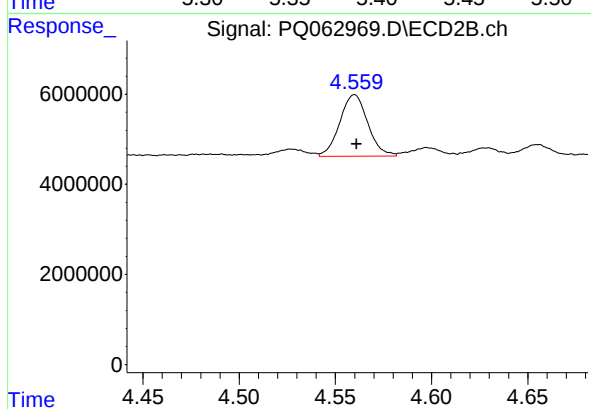
#25 AR-1248-5

R.T.: 4.598 min
Delta R.T.: -0.001 min
Response: 2189446
Conc: 11.32 ng/ml



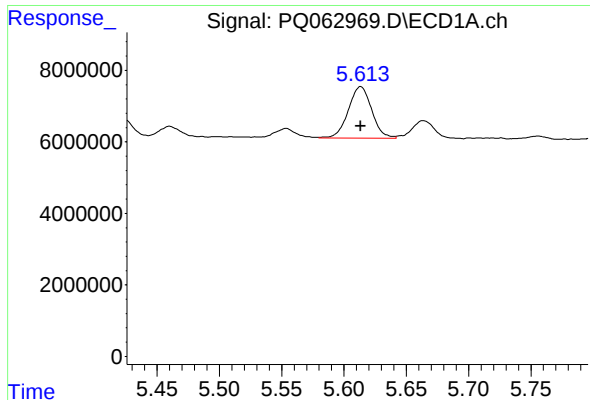
#26 AR-1254-1

R.T.: 5.395 min
Delta R.T.: 0.000 min
Response: 12179143
Conc: 55.61 ng/ml



#26 AR-1254-1

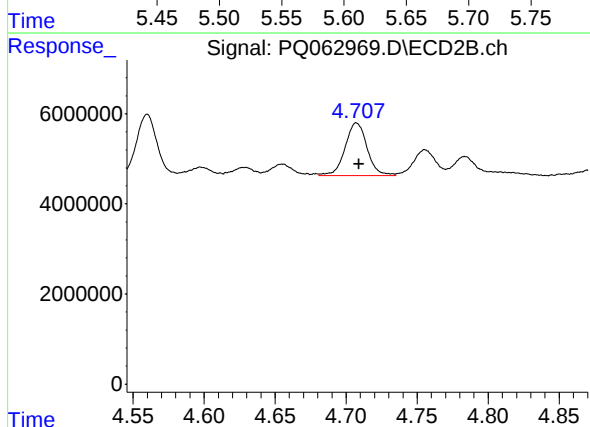
R.T.: 4.560 min
Delta R.T.: -0.001 min
Response: 13724256
Conc: 51.15 ng/ml



#27 AR-1254-2

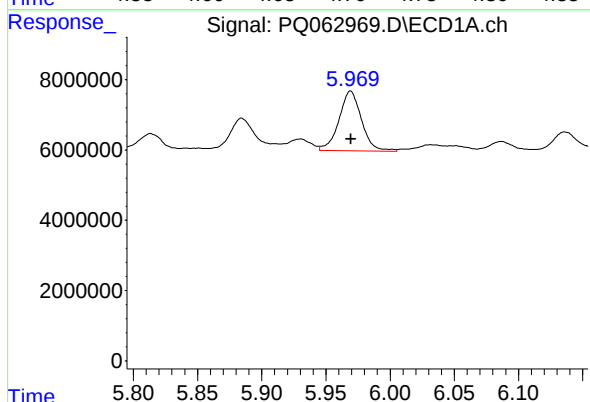
R.T.: 5.613 min
Delta R.T.: 0.000 min
Response: 18831320
Conc: 55.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



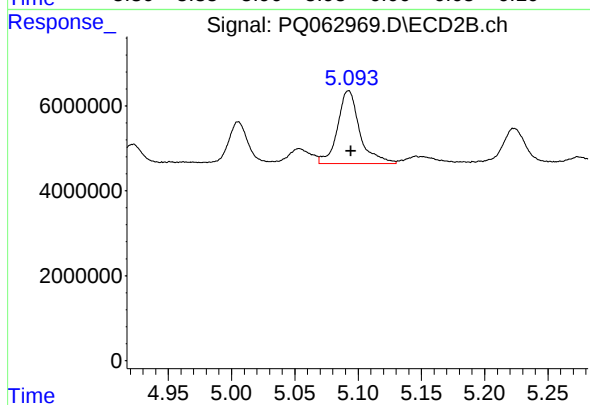
#27 AR-1254-2

R.T.: 4.707 min
Delta R.T.: -0.002 min
Response: 12733312
Conc: 54.25 ng/ml



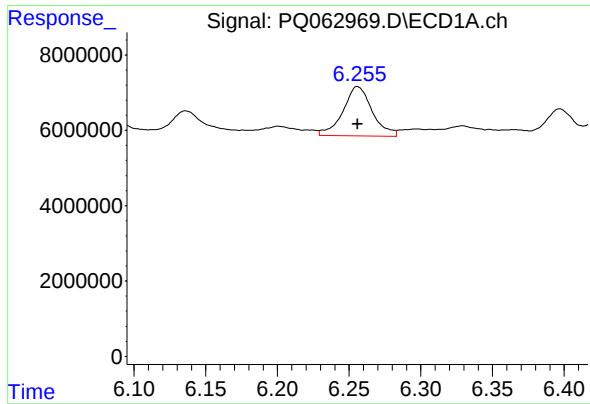
#28 AR-1254-3

R.T.: 5.969 min
Delta R.T.: 0.000 min
Response: 20630266
Conc: 57.54 ng/ml



#28 AR-1254-3

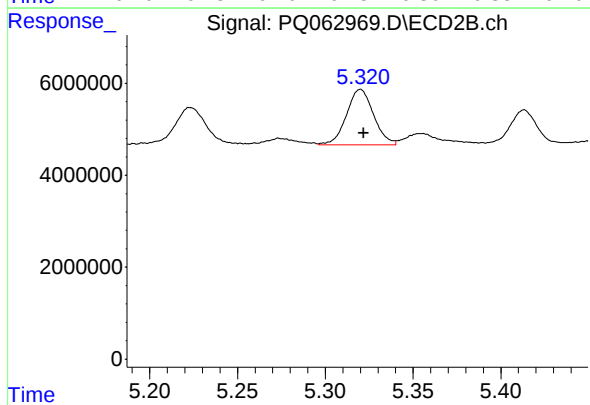
R.T.: 5.092 min
Delta R.T.: -0.002 min
Response: 20948251
Conc: 55.39 ng/ml



#29 AR-1254-4

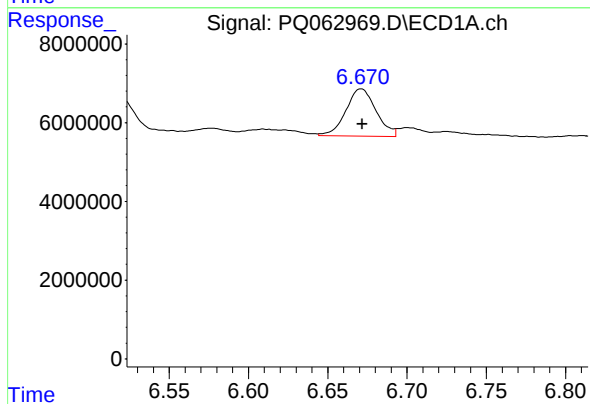
R.T.: 6.256 min
Delta R.T.: 0.000 min
Response: 18646147
Conc: 68.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



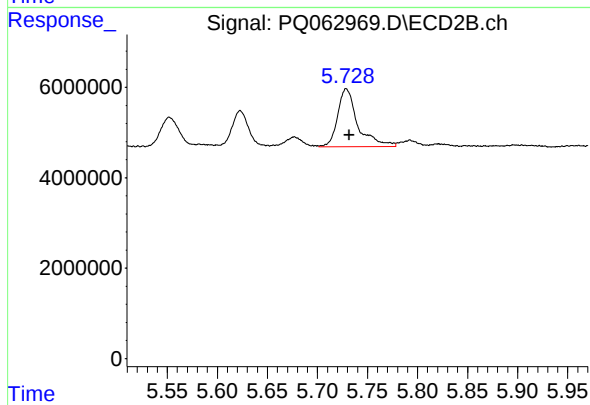
#29 AR-1254-4

R.T.: 5.320 min
Delta R.T.: -0.002 min
Response: 13014356
Conc: 53.27 ng/ml



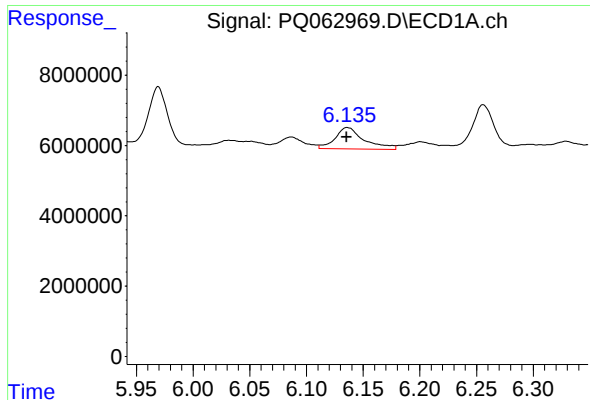
#30 AR-1254-5

R.T.: 6.671 min
Delta R.T.: 0.000 min
Response: 15877919
Conc: 57.44 ng/ml



#30 AR-1254-5

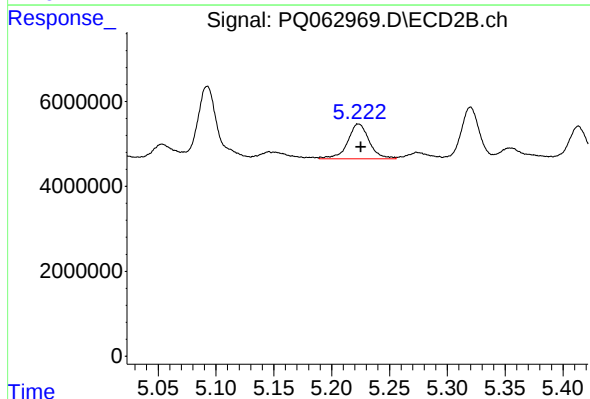
R.T.: 5.729 min
Delta R.T.: -0.003 min
Response: 17948760
Conc: 52.01 ng/ml



#31 AR-1260-1

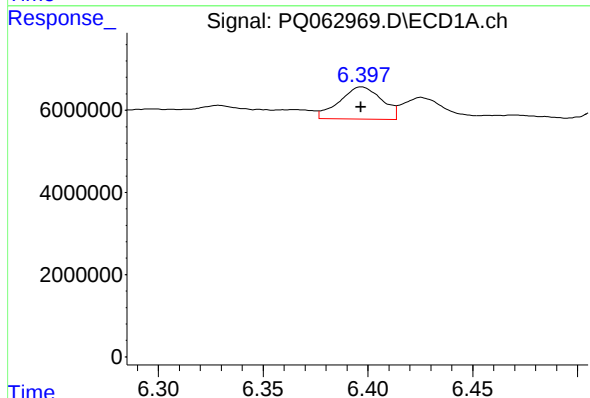
R.T.: 6.136 min
Delta R.T.: 0.000 min
Response: 10933782
Conc: 42.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



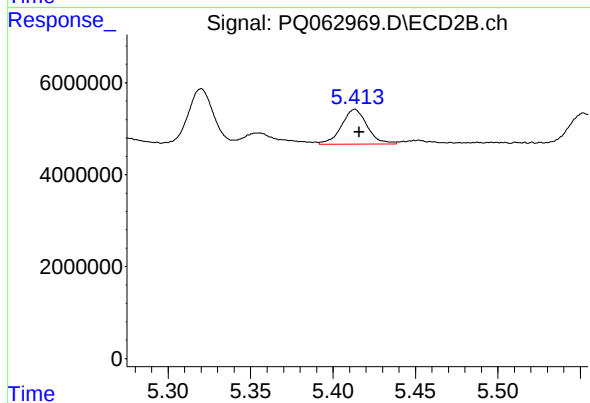
#31 AR-1260-1

R.T.: 5.223 min
Delta R.T.: -0.002 min
Response: 10650709
Conc: 42.67 ng/ml



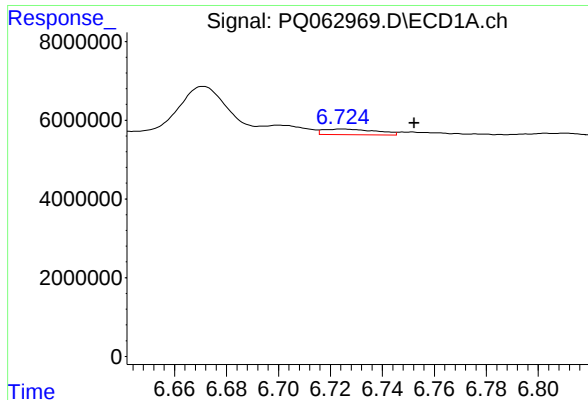
#32 AR-1260-2

R.T.: 6.397 min
Delta R.T.: 0.000 min
Response: 11025537
Conc: 36.33 ng/ml



#32 AR-1260-2

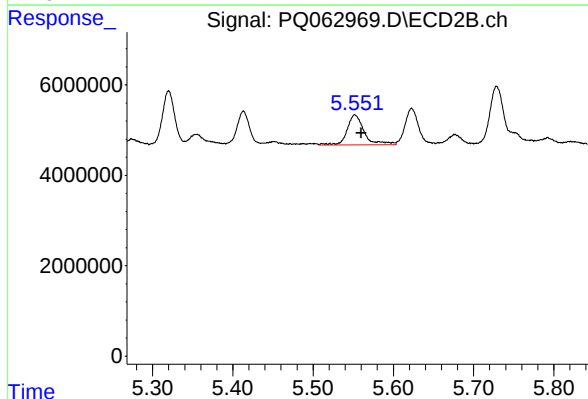
R.T.: 5.413 min
Delta R.T.: -0.003 min
Response: 8201604
Conc: 26.63 ng/ml



#33 AR-1260-3

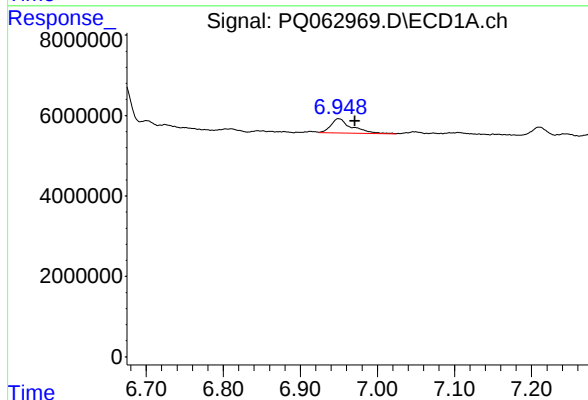
R.T.: 6.725 min
Delta R.T.: -0.028 min
Response: 1970385
Conc: 9.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



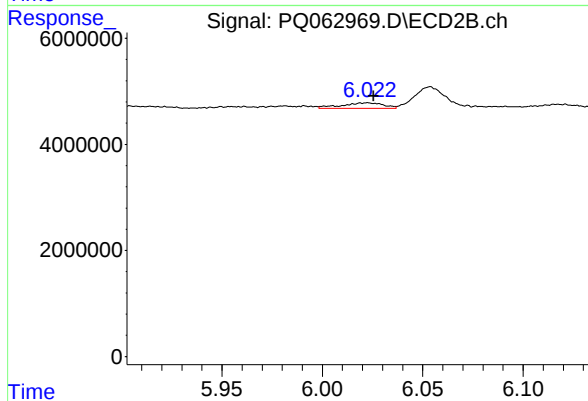
#33 AR-1260-3

R.T.: 5.552 min
Delta R.T.: -0.008 min
Response: 9759476
Conc: 31.50 ng/ml



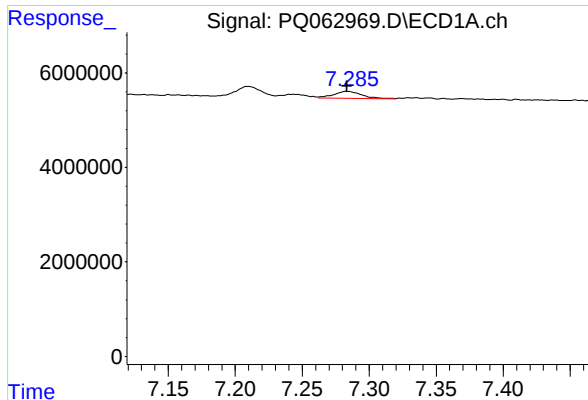
#34 AR-1260-4

R.T.: 6.950 min
Delta R.T.: -0.021 min
Response: 6567680
Conc: 27.40 ng/ml



#34 AR-1260-4

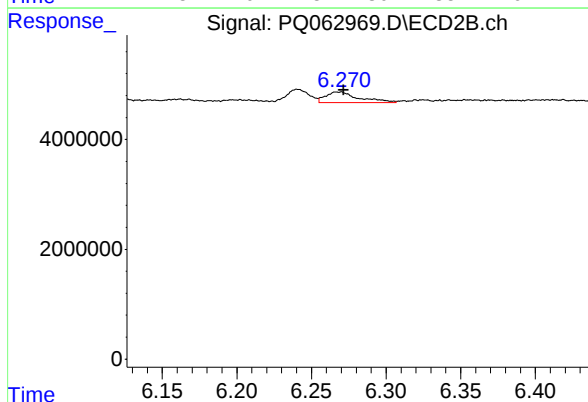
R.T.: 6.022 min
Delta R.T.: -0.003 min
Response: 1494128
Conc: 6.09 ng/ml



#35 AR-1260-5

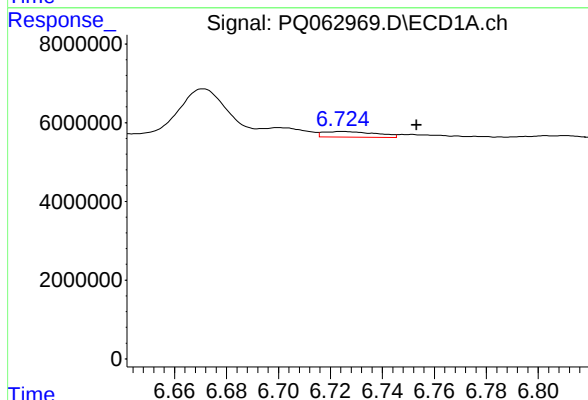
R.T.: 7.284 min
Delta R.T.: 0.000 min
Response: 2167579
Conc: 4.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



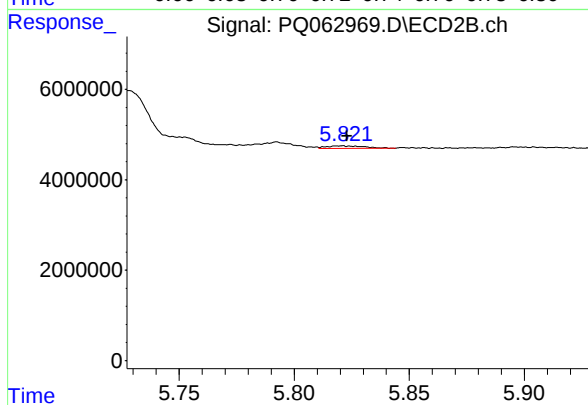
#35 AR-1260-5

R.T.: 6.268 min
Delta R.T.: -0.004 min
Response: 2964735
Conc: 5.42 ng/ml



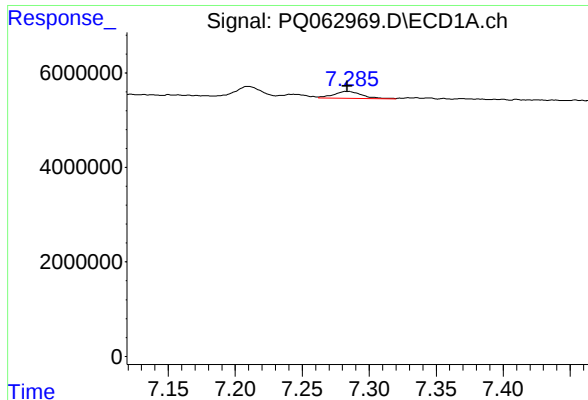
#36 AR-1262-1

R.T.: 6.725 min
Delta R.T.: -0.029 min
Response: 1970385
Conc: 6.10 ng/ml



#36 AR-1262-1

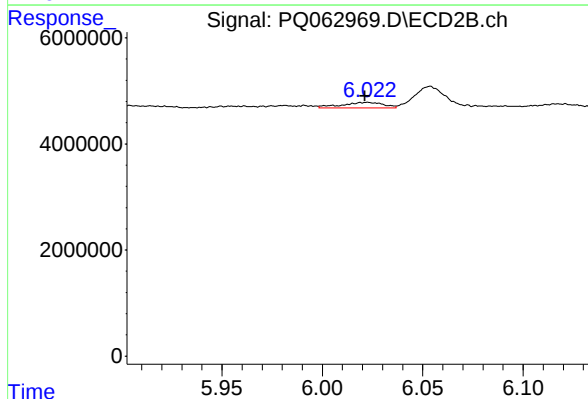
R.T.: 5.820 min
Delta R.T.: -0.003 min
Response: 655884
Conc: 4.59 ng/ml



#37 AR-1262-2

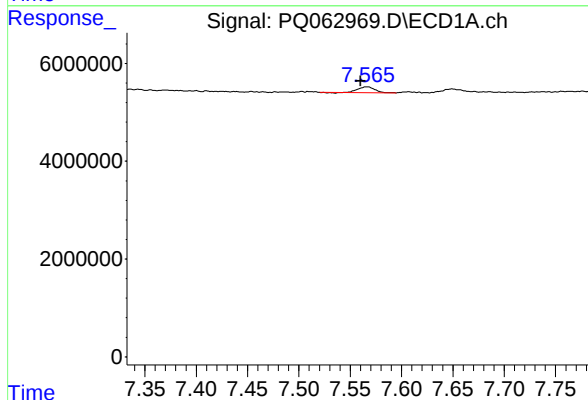
R.T.: 7.284 min
Delta R.T.: 0.000 min
Response: 2167579
Conc: 3.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



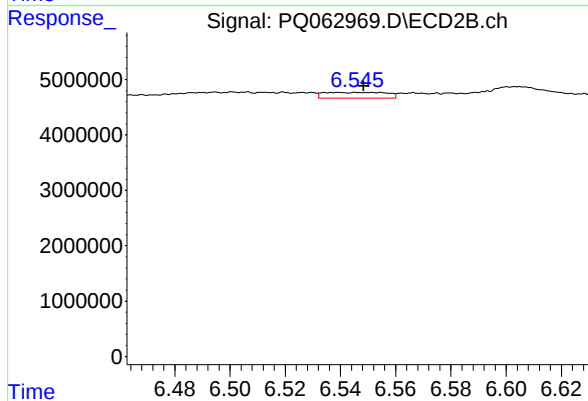
#37 AR-1262-2

R.T.: 6.022 min
Delta R.T.: 0.001 min
Response: 1494128
Conc: 4.78 ng/ml



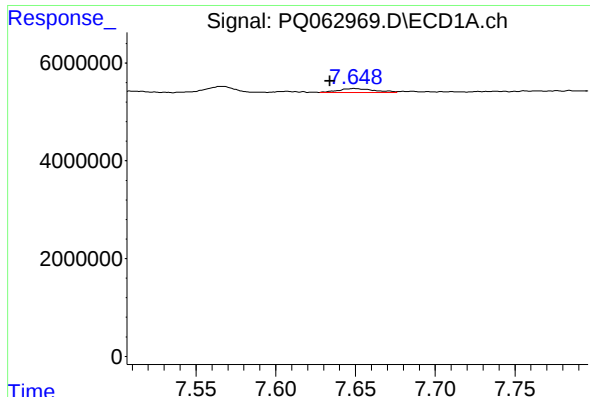
#38 AR-1262-3

R.T.: 7.566 min
Delta R.T.: 0.006 min
Response: 1358216
Conc: 3.76 ng/ml



#38 AR-1262-3

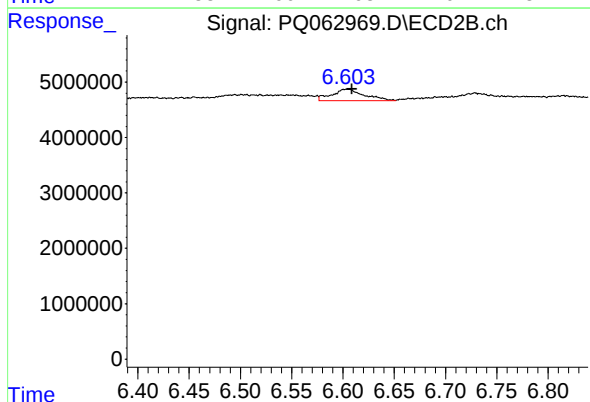
R.T.: 6.540 min
Delta R.T.: -0.009 min
Response: 1618258
Conc: 6.42 ng/ml



#39 AR-1262-4

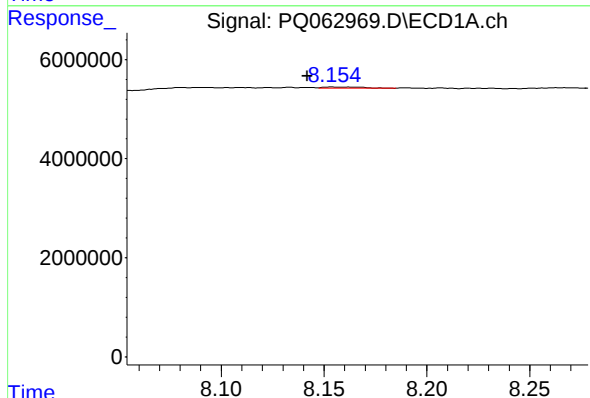
R.T.: 7.649 min
Delta R.T.: 0.015 min
Response: 1311181
Conc: 4.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



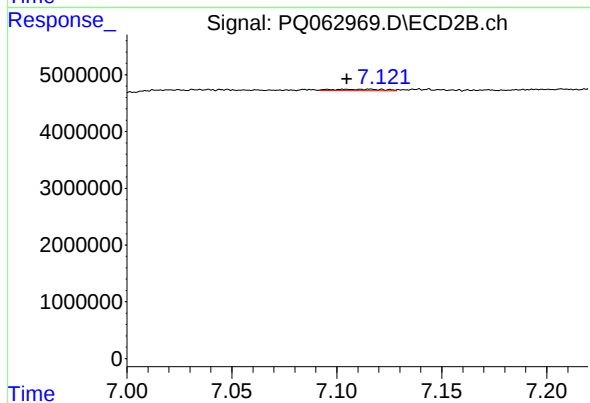
#39 AR-1262-4

R.T.: 6.604 min
Delta R.T.: -0.005 min
Response: 4620559
Conc: 9.88 ng/ml



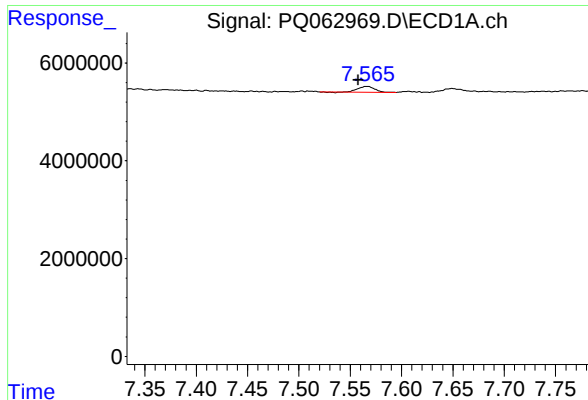
#40 AR-1262-5

R.T.: 8.154 min
Delta R.T.: 0.012 min
Response: 286852
Conc: 1.53 ng/ml



#40 AR-1262-5

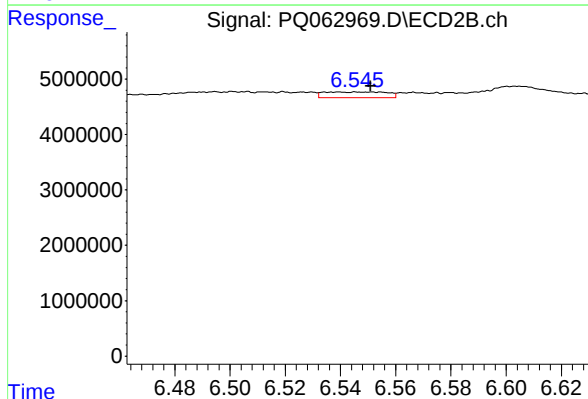
R.T.: 7.116 min
Delta R.T.: 0.011 min
Response: 450299
Conc: 2.05 ng/ml



#41 AR-1268-1

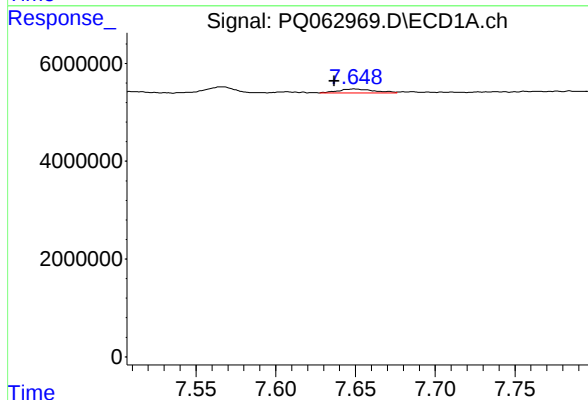
R.T.: 7.566 min
Delta R.T.: 0.008 min
Response: 1358216
Conc: 2.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



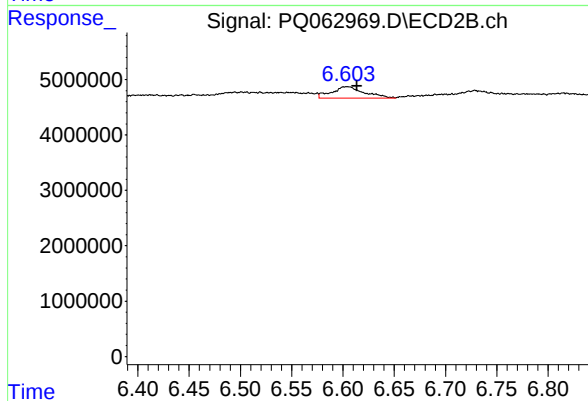
#41 AR-1268-1

R.T.: 6.540 min
Delta R.T.: -0.011 min
Response: 1618258
Conc: 2.17 ng/ml



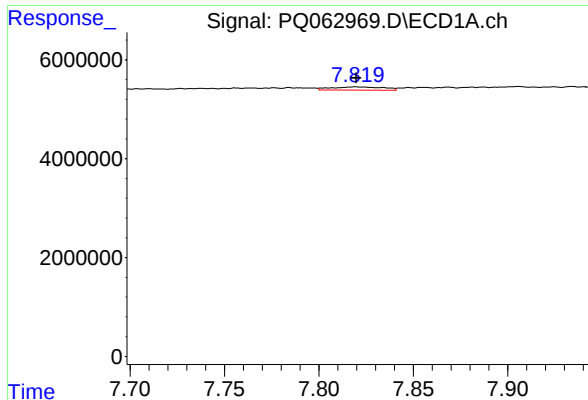
#42 AR-1268-2

R.T.: 7.649 min
Delta R.T.: 0.013 min
Response: 1311181
Conc: 2.19 ng/ml



#42 AR-1268-2

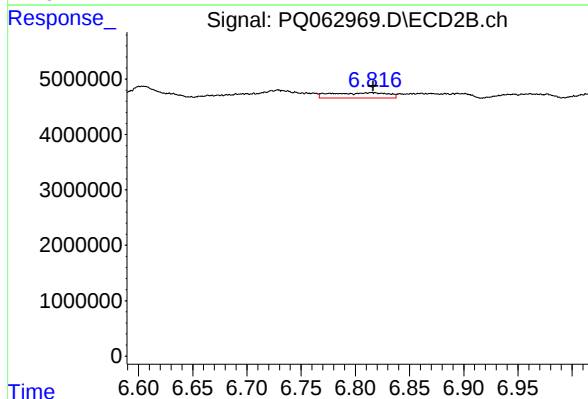
R.T.: 6.604 min
Delta R.T.: -0.010 min
Response: 4620559
Conc: 6.73 ng/ml



#43 AR-1268-3

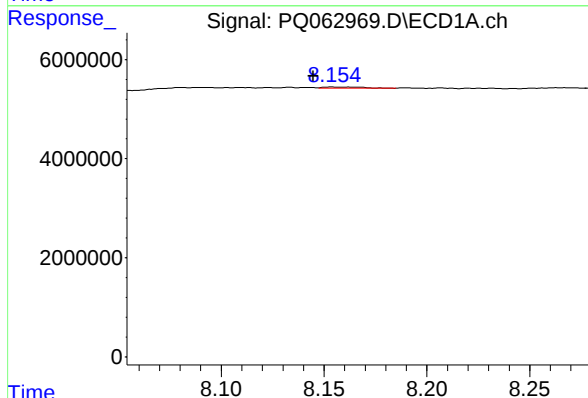
R.T.: 7.820 min
Delta R.T.: 0.000 min
Response: 1262431
Conc: 2.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



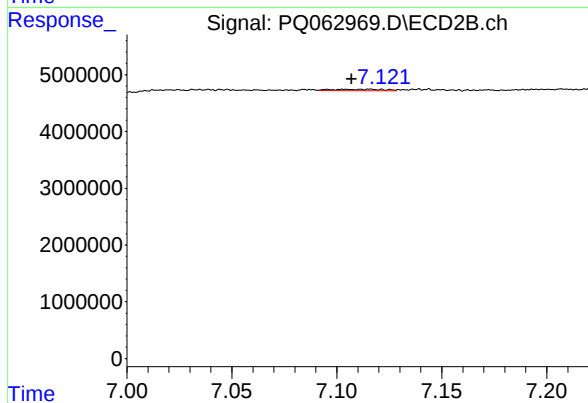
#43 AR-1268-3

R.T.: 6.815 min
Delta R.T.: -0.001 min
Response: 3437298
Conc: 5.86 ng/ml



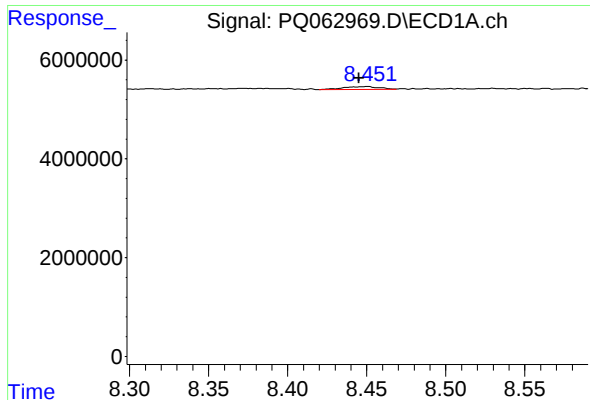
#44 AR-1268-4

R.T.: 8.154 min
Delta R.T.: 0.009 min
Response: 286852
Conc: 1.34 ng/ml



#44 AR-1268-4

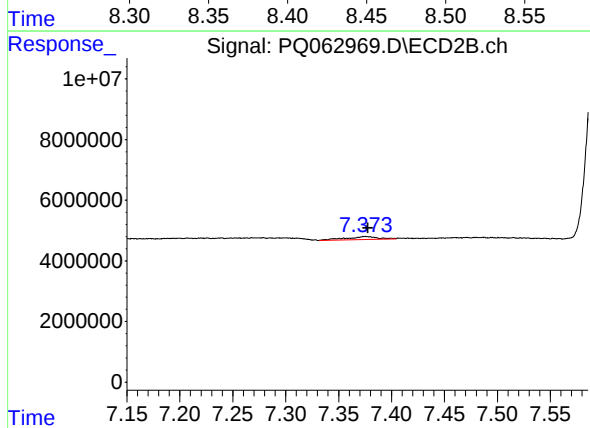
R.T.: 7.116 min
Delta R.T.: 0.009 min
Response: 450299
Conc: 1.77 ng/ml



#45 AR-1268-5

R.T.: 8.451 min
Delta R.T.: 0.005 min
Response: 957084
Conc: 0.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.375 min
Delta R.T.: -0.003 min
Response: 2118099
Conc: 1.20 ng/ml