

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ110722\
 Data File : PQ059948.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Nov 2022 16:39
 Operator : YP\AJ
 Sample : N5415-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 07 22:09:35 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110122.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 01 17:05:38 2022
 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...	3.457	2.807	230.5E6	180.7E6	19.103	22.777
2)	SA Decachlor...	8.634	7.571	92837283	104.8E6	12.723	14.403
Target Compounds							
3)	L1 AR-1016-1	4.559	3.823	7318031	22327096	16.843	84.244 #
4)	L1 AR-1016-2	4.575	3.823	5858488	22327096	9.332	56.662 #
5)	L1 AR-1016-3	4.643	3.981	3921324	4278536	10.128	20.900 #
6)	L1 AR-1016-4	4.729	4.031	197853	9068239	0.614	56.971 #
7)	L1 AR-1016-5	4.999	4.230	-866710	15822349	N.D.	76.791 #
8)	L2 AR-1221-1	3.656	3.001	1099567	1364782	7.545	14.893 #
9)	L2 AR-1221-2	3.735	3.078	8246150	10485856	75.043	153.680 #
10)	L2 AR-1221-3	3.823f	3.154	13224220	7964590	40.836	37.426
11)	L3 AR-1232-1	3.823f	3.154	13224220	7964590	53.729	49.115
12)	L3 AR-1232-2	4.301	3.823	26361665	22327096	173.624	129.648 #
13)	L3 AR-1232-3	4.575	3.981	5858488	4278536	21.603	47.792 #
14)	L3 AR-1232-4	4.729	4.081	197853	8060969	1.399	109.565 #
15)	L3 AR-1232-5	4.812	4.230	3424810	15822349	34.543	179.333 #
16)	L4 AR-1242-1	4.559	3.823	7318031	22327096	21.756	108.476 #
17)	L4 AR-1242-2	4.575	3.823	5858488	22327096	11.972	72.646 #
18)	L4 AR-1242-3	4.643	3.981	3921324	4278536	13.059	26.812 #
19)	L4 AR-1242-4	4.729	4.081	197853	8060969	0.785	54.968 #
20)	L4 AR-1242-5	5.441	4.565	22833929	19861645	85.817	96.854
21)	L5 AR-1248-1	4.559	3.823	7318031	22327096	28.693	140.761 #
22)	L5 AR-1248-2	4.812	4.031	3424810	9068239	10.479	42.056 #
23)	L5 AR-1248-3	4.999	4.081	-866710	8060969	N.D.	38.303 #
24)	L5 AR-1248-4	5.376f	4.230	45822057	15822349	103.500	59.459 #
25)	L5 AR-1248-5	5.441	4.604	22833929	17695180	52.328	67.457 #
26)	L6 AR-1254-1	5.376	4.565	45822057	19861645	101.372	48.825 #
27)	L6 AR-1254-2	5.589	4.712	20693904	9771210	29.799	27.165
28)	L6 AR-1254-3	5.944	5.093	25164176	9868627	34.513	17.197 #
29)	L6 AR-1254-4	6.231	5.318	2919212	4789954	5.428	13.135 #
30)	L6 AR-1254-5	6.612f	5.726	954307	50948133	1.607	95.087 #
31)	L7 AR-1260-1	6.110	5.223	3680636	12400469	6.578	31.308 #
32)	L7 AR-1260-2	6.360	5.417	35189596	8718816	52.555	18.096 #
33)	L7 AR-1260-3	6.721	5.550	4705853	4019157	11.052	8.668
34)	L7 AR-1260-4	6.942	6.013	1679437	2363840	3.356	6.911 #
35)	L7 AR-1260-5	7.253	6.258	12270488	4711831	12.552	5.669 #
36)	L8 AR-1262-1	6.721	5.773	4705853	6147718	7.090	12.018 #
37)	L8 AR-1262-2	7.253	6.258	12270488	4711831	11.030	4.970 #
38)	L8 AR-1262-3	7.530	6.531	4854829	3361712	6.758	9.083 #
39)	L8 AR-1262-4	7.582	6.593	2622260	5706313	4.721	8.057 #
40)	L8 AR-1262-5	8.105	7.086	2504064	2554792	7.227	7.672
41)	L9 AR-1268-1	7.530	6.531	4854829	3361712	3.870	3.038

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 Operator : YP\AJ
 Sample : N5415-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

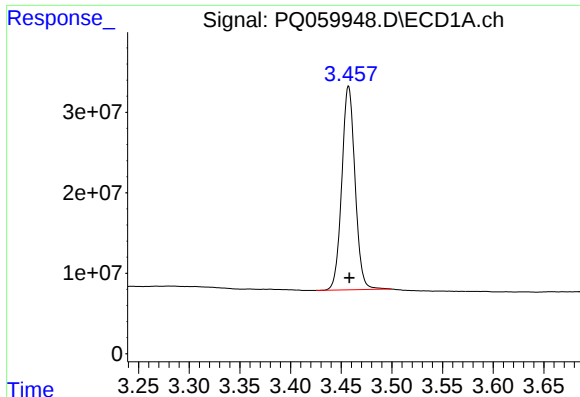
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 07 22:09:35 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110122.M
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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	7.602	6.593	1947767	5706313	1.695	5.580 #
43) L9	AR-1268-3	7.782	6.799	1580728	2646585	1.707	3.032 #
44) L9	AR-1268-4	8.105	7.086	2504064	2554792	6.440	6.782
45) L9	AR-1268-5	8.399f	7.355	4036878	2734261	1.531	0.981 #

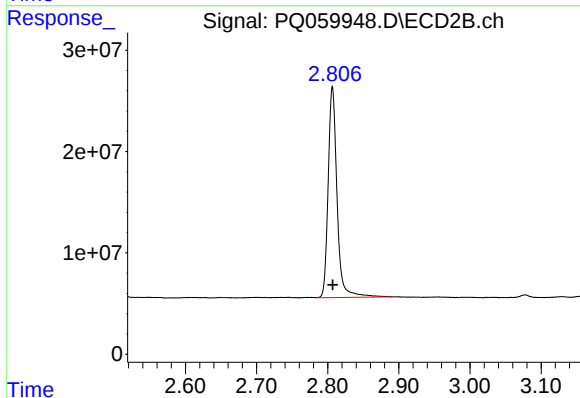
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

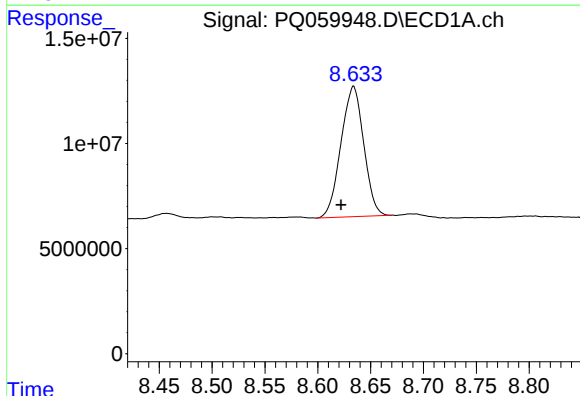
R.T.: 3.457 min
Delta R.T.: 0.000 min
Response: 230485352
Conc: 19.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



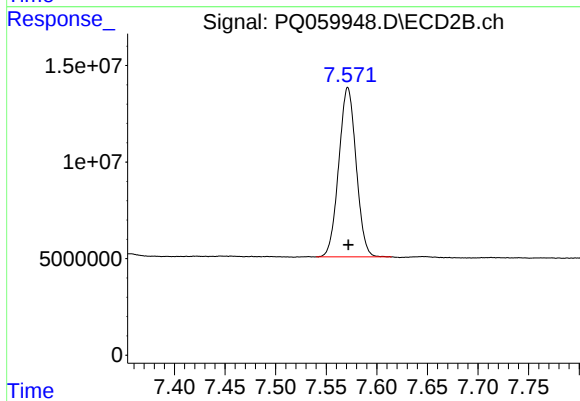
#1 Tetrachloro-m-xylene

R.T.: 2.807 min
Delta R.T.: 0.000 min
Response: 180713675
Conc: 22.78 ng/ml



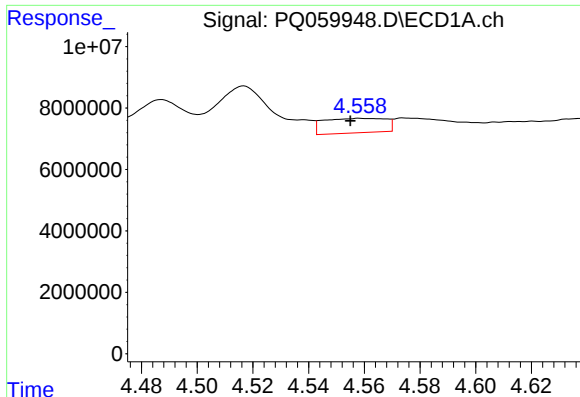
#2 Decachlorobiphenyl

R.T.: 8.634 min
Delta R.T.: 0.012 min
Response: 92837283
Conc: 12.72 ng/ml



#2 Decachlorobiphenyl

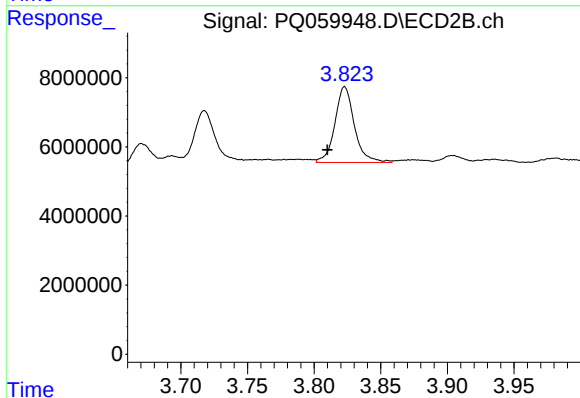
R.T.: 7.571 min
Delta R.T.: 0.000 min
Response: 104766545
Conc: 14.40 ng/ml



#3 AR-1016-1

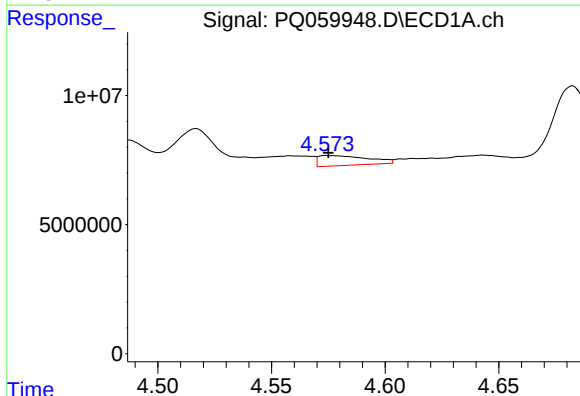
R.T.: 4.559 min
Delta R.T.: 0.004 min
Response: 7318031
Conc: 16.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



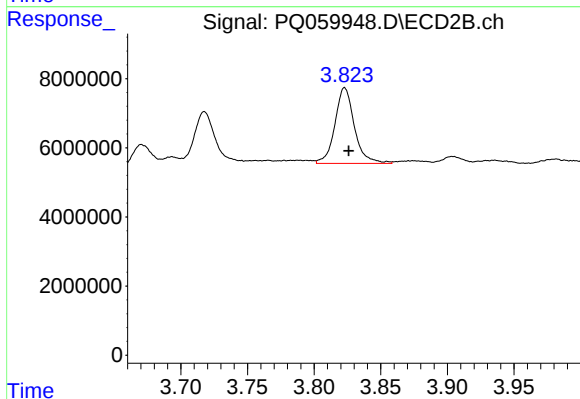
#3 AR-1016-1

R.T.: 3.823 min
Delta R.T.: 0.013 min
Response: 22327096
Conc: 84.24 ng/ml



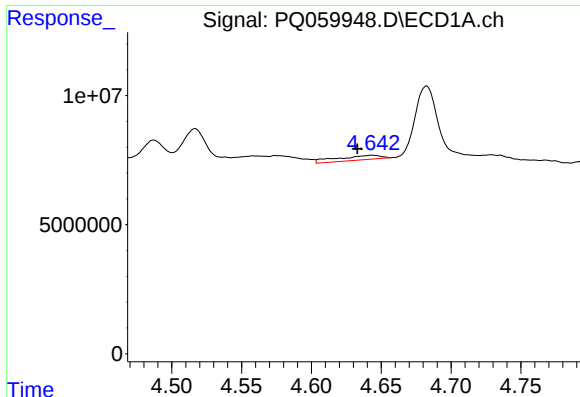
#4 AR-1016-2

R.T.: 4.575 min
Delta R.T.: 0.000 min
Response: 5858488
Conc: 9.33 ng/ml



#4 AR-1016-2

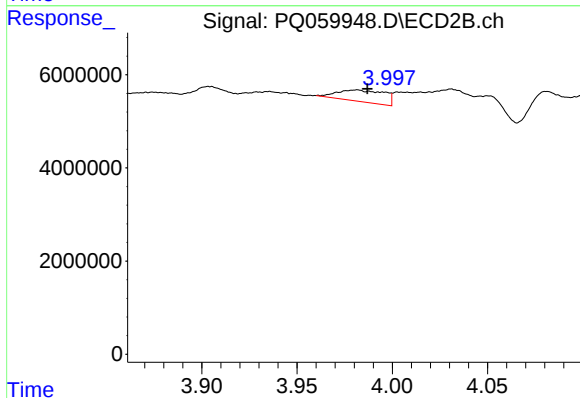
R.T.: 3.823 min
Delta R.T.: -0.003 min
Response: 22327096
Conc: 56.66 ng/ml



#5 AR-1016-3

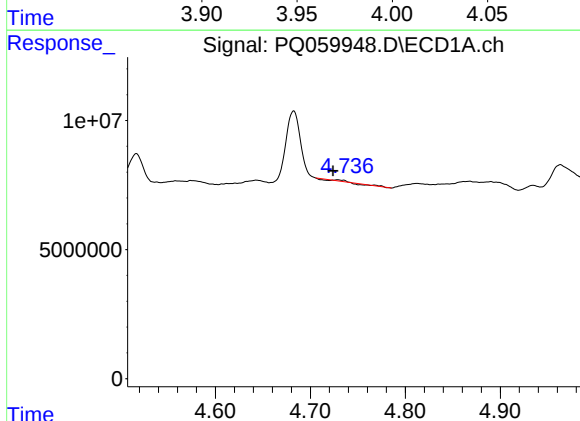
R.T.: 4.643 min
Delta R.T.: 0.010 min
Response: 3921324
Conc: 10.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



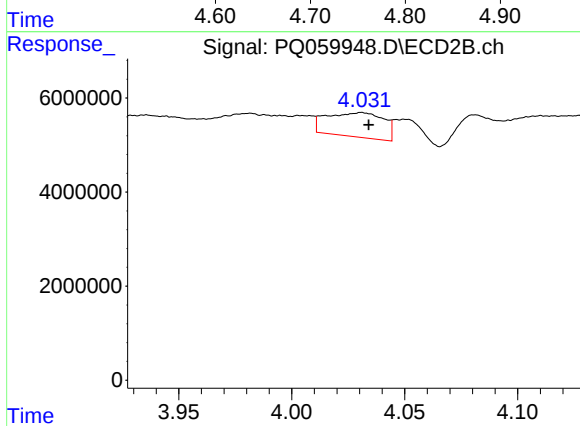
#5 AR-1016-3

R.T.: 3.981 min
Delta R.T.: -0.006 min
Response: 4278536
Conc: 20.90 ng/ml



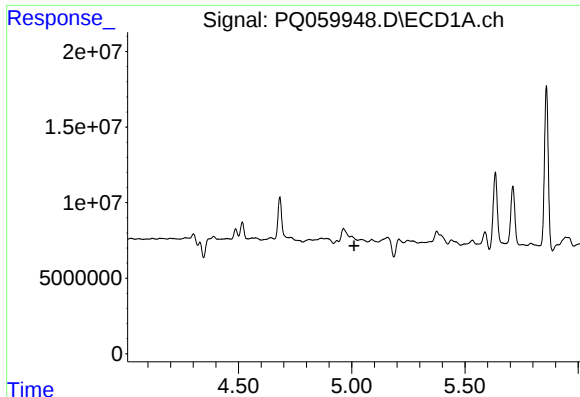
#6 AR-1016-4

R.T.: 4.729 min
Delta R.T.: 0.005 min
Response: 197853
Conc: 0.61 ng/ml



#6 AR-1016-4

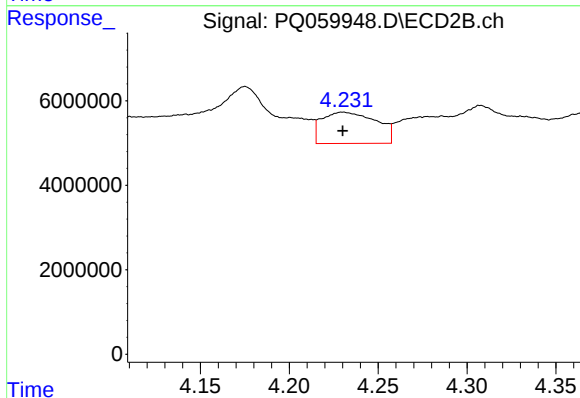
R.T.: 4.031 min
Delta R.T.: -0.003 min
Response: 9068239
Conc: 56.97 ng/ml



#7 AR-1016-5

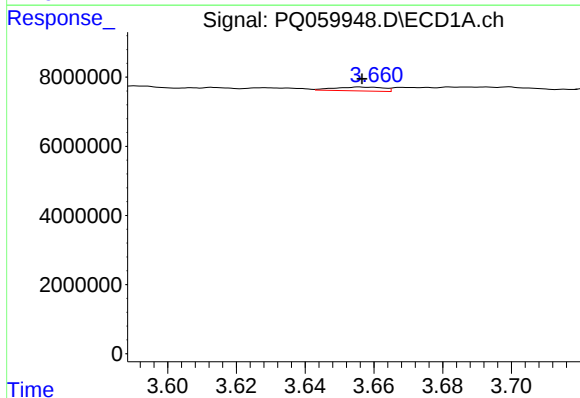
R.T.: 4.999 min
Delta R.T.: -0.011 min
Response: -866710
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



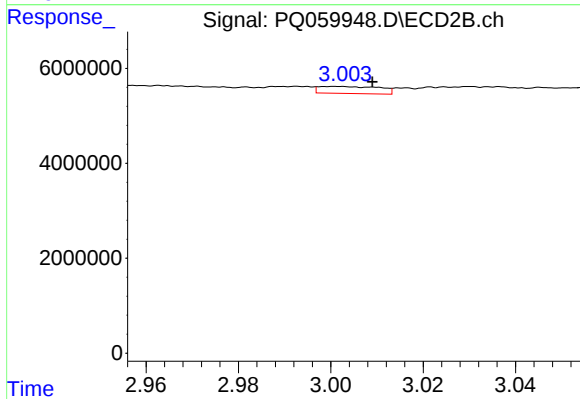
#7 AR-1016-5

R.T.: 4.230 min
Delta R.T.: 0.000 min
Response: 15822349
Conc: 76.79 ng/ml



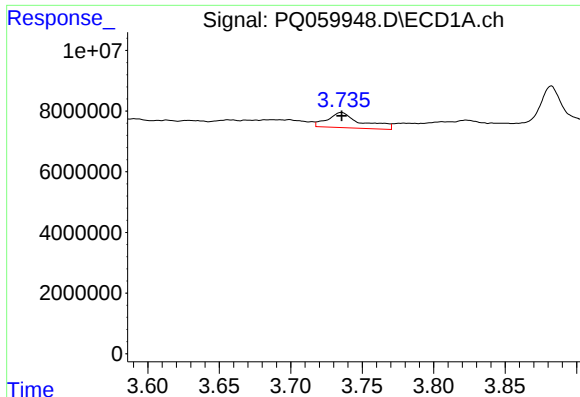
#8 AR-1221-1

R.T.: 3.656 min
Delta R.T.: 0.000 min
Response: 1099567
Conc: 7.54 ng/ml



#8 AR-1221-1

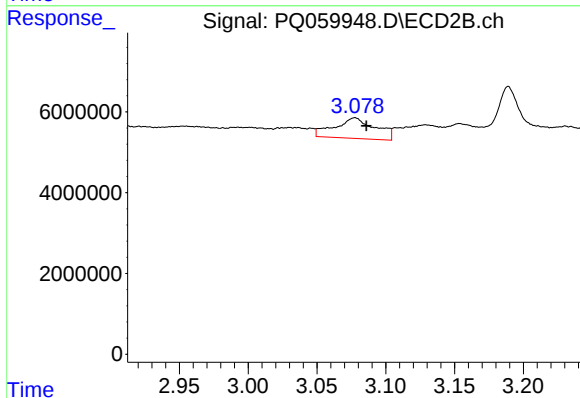
R.T.: 3.001 min
Delta R.T.: -0.008 min
Response: 1364782
Conc: 14.89 ng/ml



#9 AR-1221-2

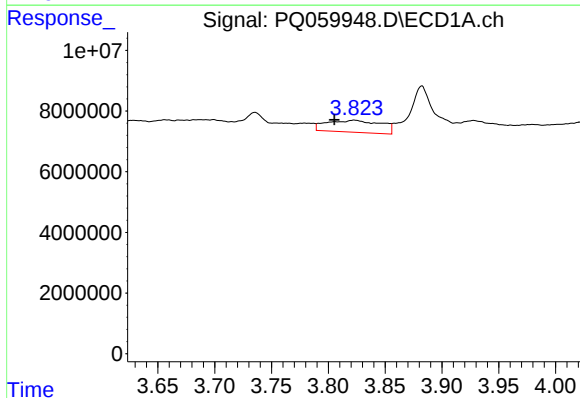
R.T.: 3.735 min
Delta R.T.: 0.000 min
Response: 8246150
Conc: 75.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



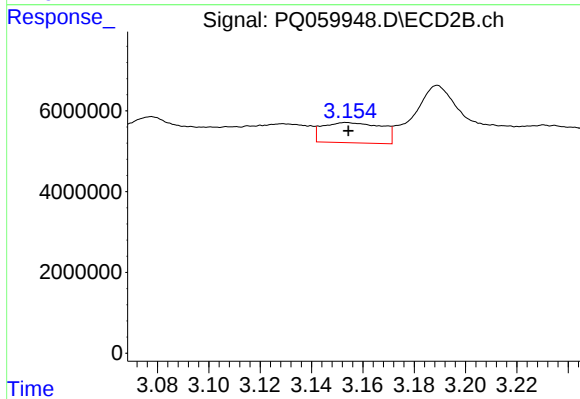
#9 AR-1221-2

R.T.: 3.078 min
Delta R.T.: -0.008 min
Response: 10485856
Conc: 153.68 ng/ml



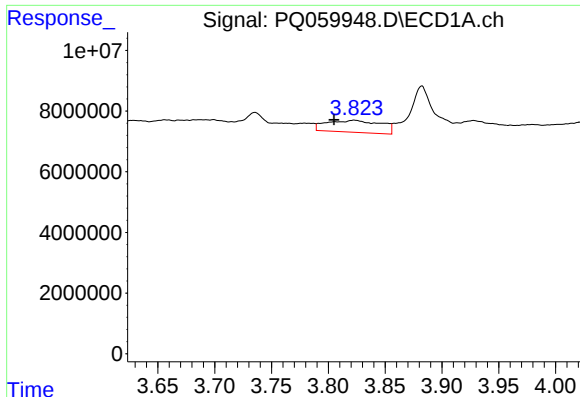
#10 AR-1221-3

R.T.: 3.823 min
Delta R.T.: 0.018 min
Response: 13224220
Conc: 40.84 ng/ml



#10 AR-1221-3

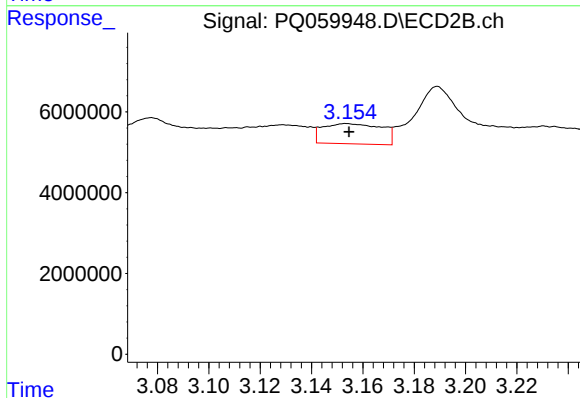
R.T.: 3.154 min
Delta R.T.: 0.000 min
Response: 7964590
Conc: 37.43 ng/ml



#11 AR-1232-1

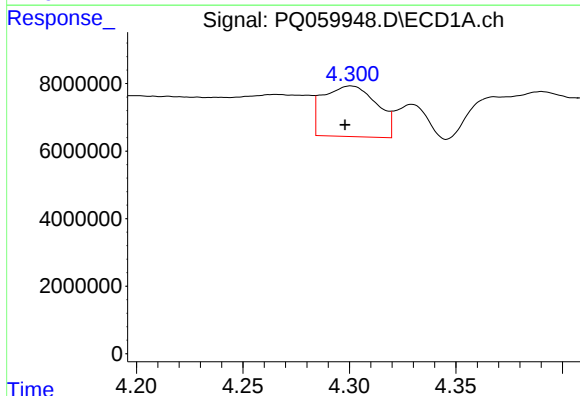
R.T.: 3.823 min
Delta R.T.: 0.018 min
Response: 13224220
Conc: 53.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



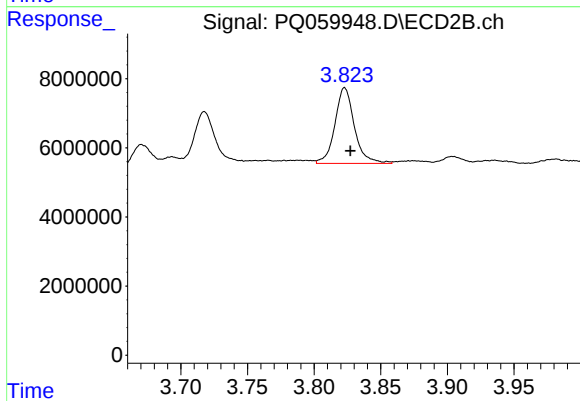
#11 AR-1232-1

R.T.: 3.154 min
Delta R.T.: 0.000 min
Response: 7964590
Conc: 49.12 ng/ml



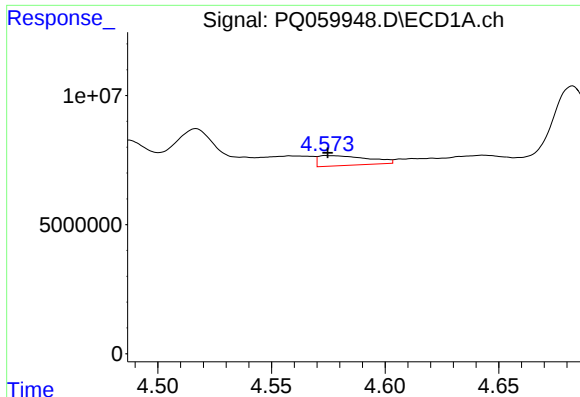
#12 AR-1232-2

R.T.: 4.301 min
Delta R.T.: 0.003 min
Response: 26361665
Conc: 173.62 ng/ml



#12 AR-1232-2

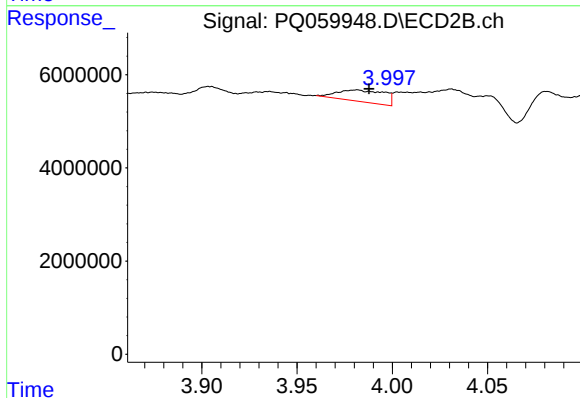
R.T.: 3.823 min
Delta R.T.: -0.004 min
Response: 22327096
Conc: 129.65 ng/ml



#13 AR-1232-3

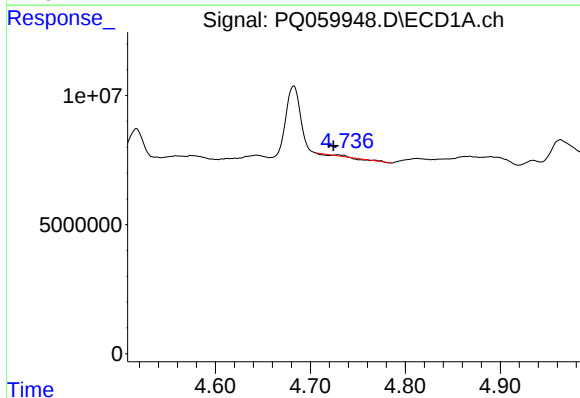
R.T.: 4.575 min
Delta R.T.: 0.000 min
Response: 5858488
Conc: 21.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



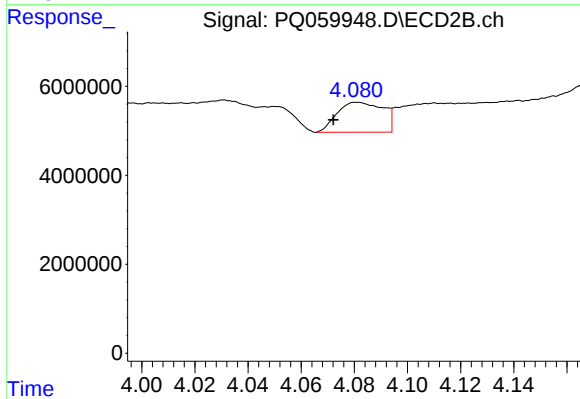
#13 AR-1232-3

R.T.: 3.981 min
Delta R.T.: -0.006 min
Response: 4278536
Conc: 47.79 ng/ml



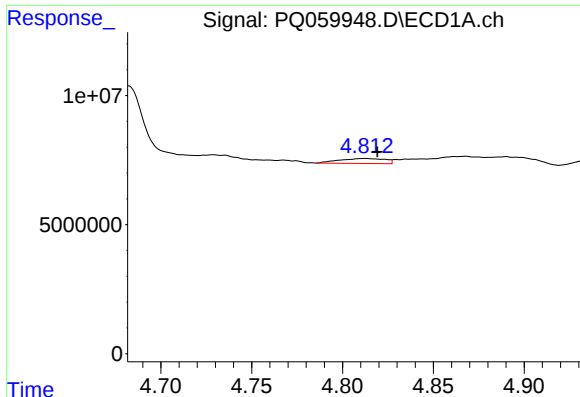
#14 AR-1232-4

R.T.: 4.729 min
Delta R.T.: 0.005 min
Response: 197853
Conc: 1.40 ng/ml



#14 AR-1232-4

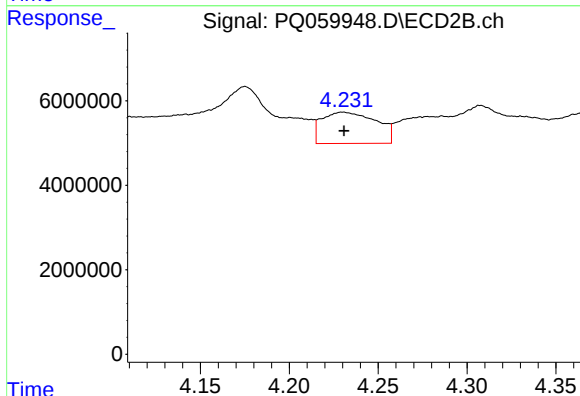
R.T.: 4.081 min
Delta R.T.: 0.009 min
Response: 8060969
Conc: 109.57 ng/ml



#15 AR-1232-5

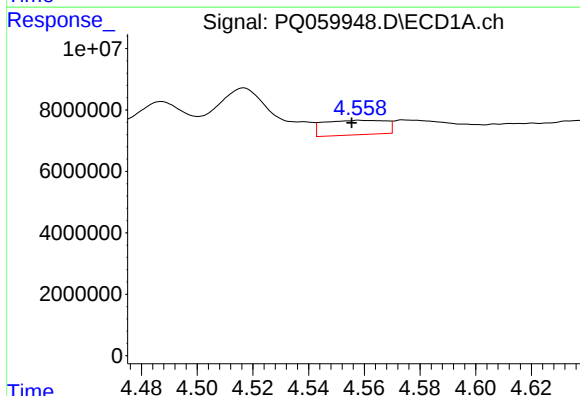
R.T.: 4.812 min
Delta R.T.: -0.007 min
Response: 3424810
Conc: 34.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



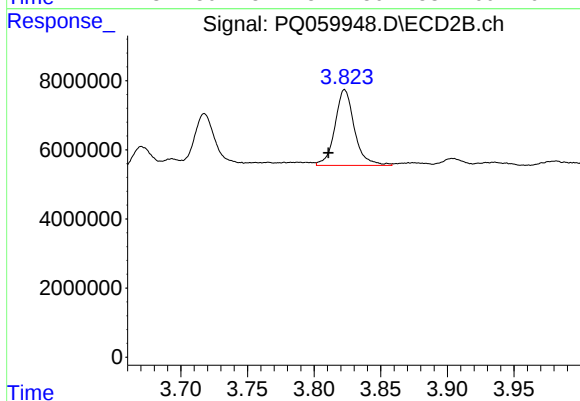
#15 AR-1232-5

R.T.: 4.230 min
Delta R.T.: 0.000 min
Response: 15822349
Conc: 179.33 ng/ml



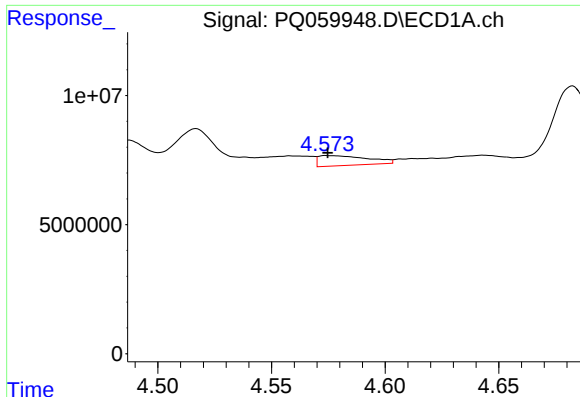
#16 AR-1242-1

R.T.: 4.559 min
Delta R.T.: 0.003 min
Response: 7318031
Conc: 21.76 ng/ml



#16 AR-1242-1

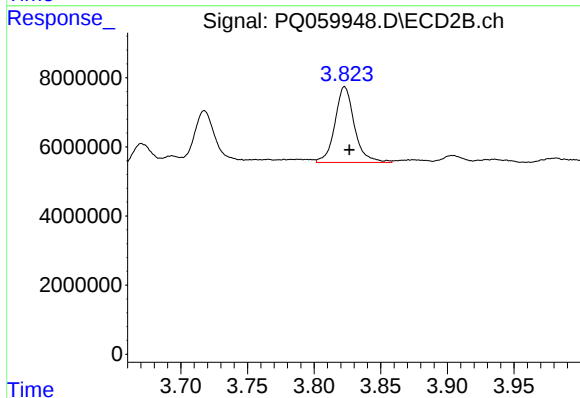
R.T.: 3.823 min
Delta R.T.: 0.012 min
Response: 22327096
Conc: 108.48 ng/ml



#17 AR-1242-2

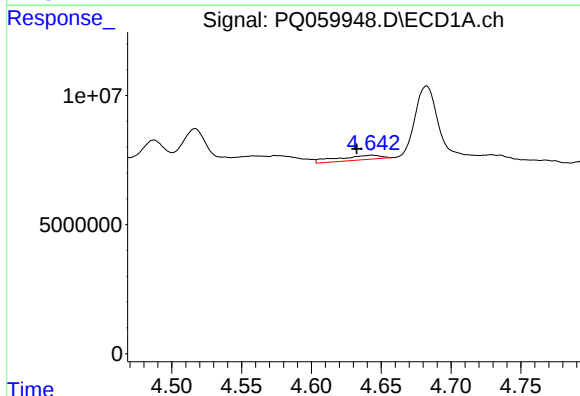
R.T.: 4.575 min
Delta R.T.: 0.000 min
Response: 5858488
Conc: 11.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



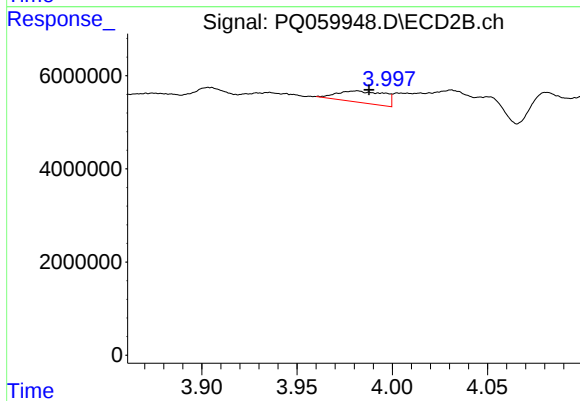
#17 AR-1242-2

R.T.: 3.823 min
Delta R.T.: -0.004 min
Response: 22327096
Conc: 72.65 ng/ml



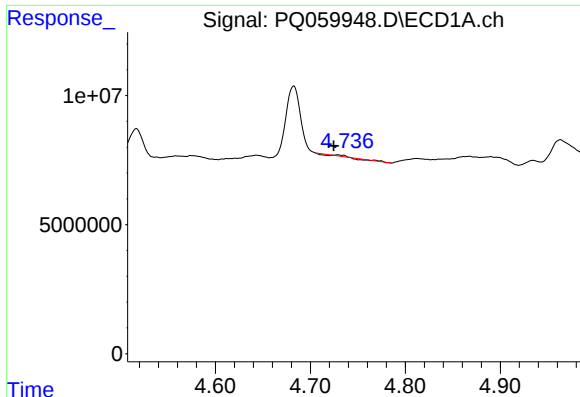
#18 AR-1242-3

R.T.: 4.643 min
Delta R.T.: 0.011 min
Response: 3921324
Conc: 13.06 ng/ml



#18 AR-1242-3

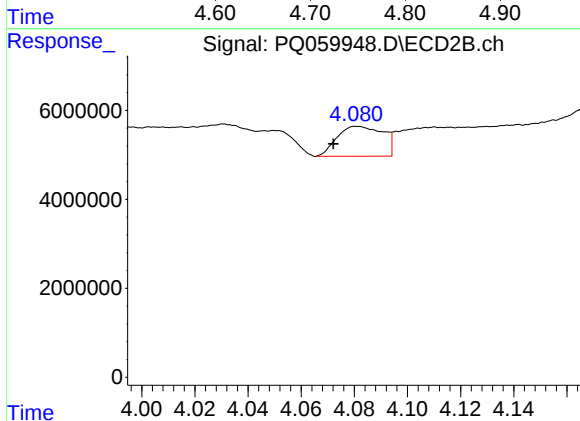
R.T.: 3.981 min
Delta R.T.: -0.006 min
Response: 4278536
Conc: 26.81 ng/ml



#19 AR-1242-4

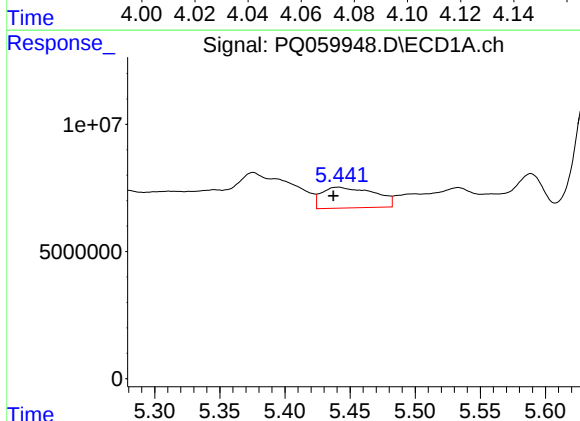
R.T.: 4.729 min
Delta R.T.: 0.004 min
Response: 197853
Conc: 0.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



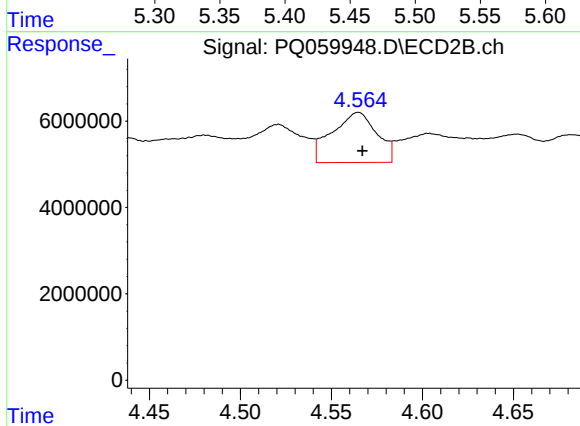
#19 AR-1242-4

R.T.: 4.081 min
Delta R.T.: 0.009 min
Response: 8060969
Conc: 54.97 ng/ml



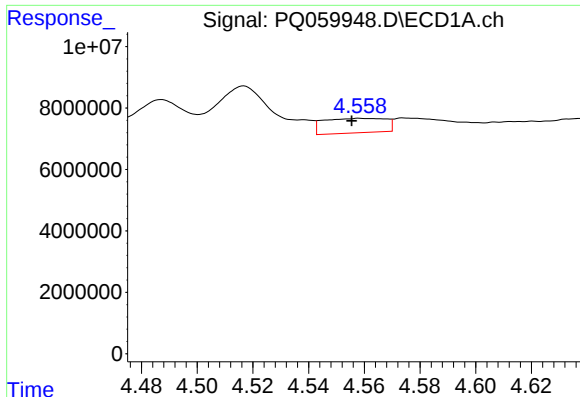
#20 AR-1242-5

R.T.: 5.441 min
Delta R.T.: 0.004 min
Response: 22833929
Conc: 85.82 ng/ml



#20 AR-1242-5

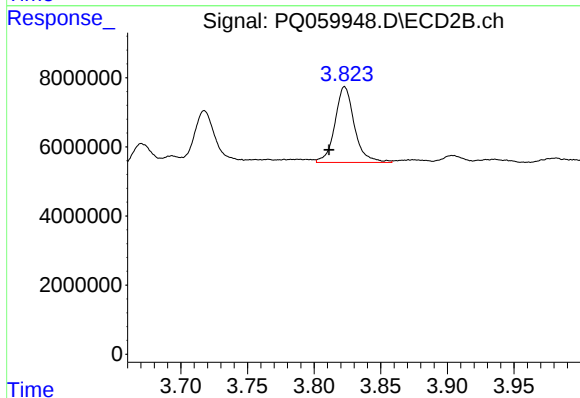
R.T.: 4.565 min
Delta R.T.: -0.002 min
Response: 19861645
Conc: 96.85 ng/ml



#21 AR-1248-1

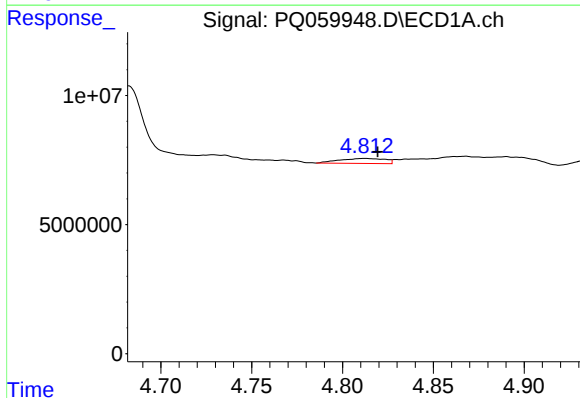
R.T.: 4.559 min
Delta R.T.: 0.003 min
Response: 7318031
Conc: 28.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



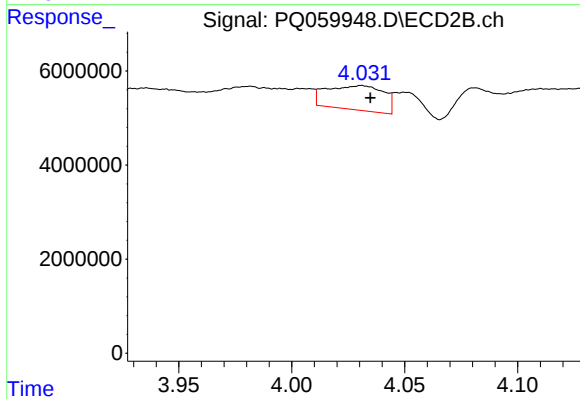
#21 AR-1248-1

R.T.: 3.823 min
Delta R.T.: 0.012 min
Response: 22327096
Conc: 140.76 ng/ml



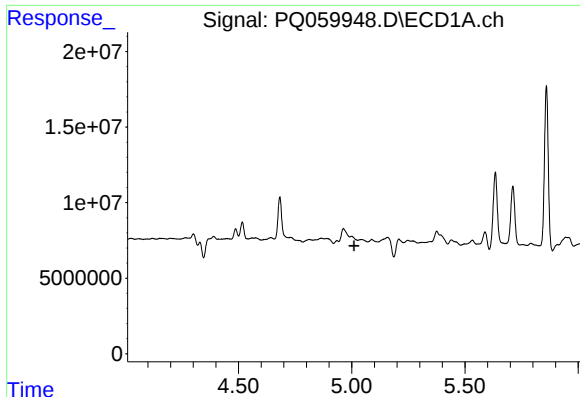
#22 AR-1248-2

R.T.: 4.812 min
Delta R.T.: -0.007 min
Response: 3424810
Conc: 10.48 ng/ml



#22 AR-1248-2

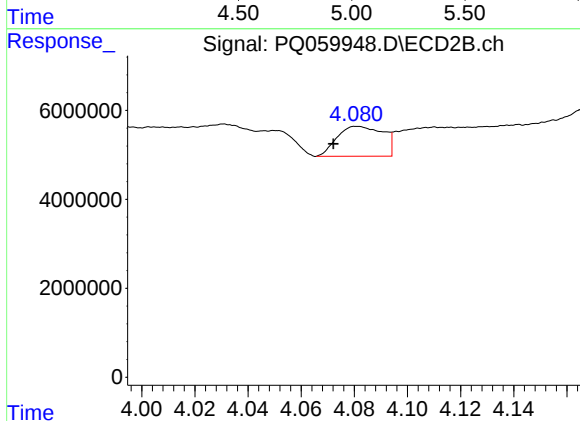
R.T.: 4.031 min
Delta R.T.: -0.004 min
Response: 9068239
Conc: 42.06 ng/ml



#23 AR-1248-3

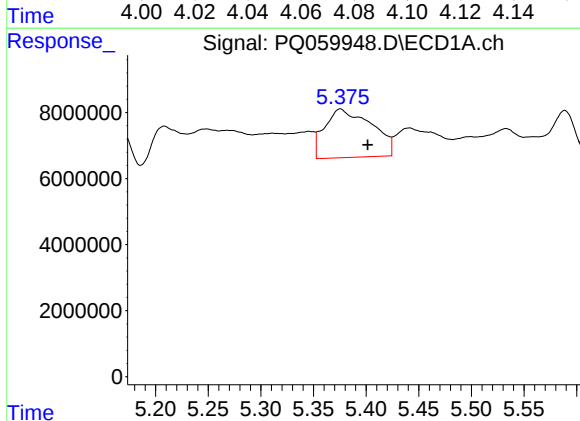
R.T.: 4.999 min
Delta R.T.: -0.011 min
Response: -866710
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



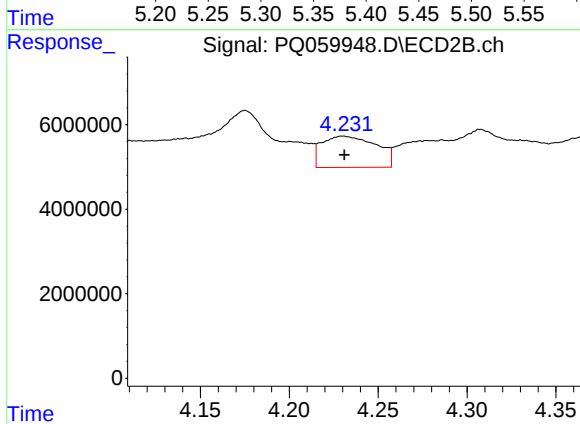
#23 AR-1248-3

R.T.: 4.081 min
Delta R.T.: 0.009 min
Response: 8060969
Conc: 38.30 ng/ml



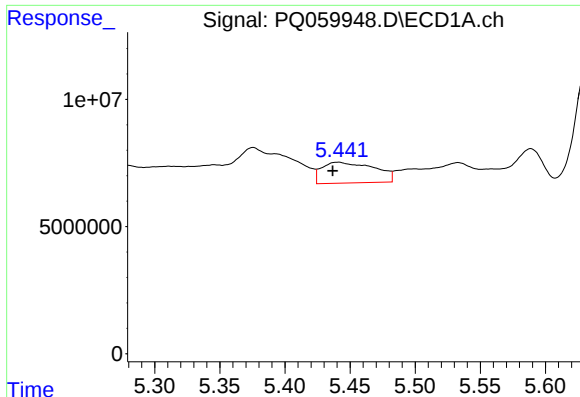
#24 AR-1248-4

R.T.: 5.376 min
Delta R.T.: -0.026 min
Response: 45822057
Conc: 103.50 ng/ml



#24 AR-1248-4

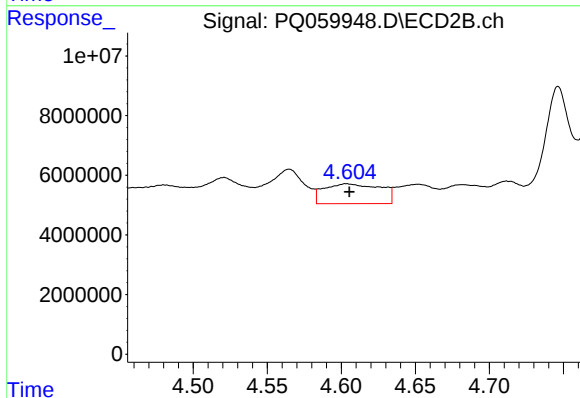
R.T.: 4.230 min
Delta R.T.: 0.000 min
Response: 15822349
Conc: 59.46 ng/ml



#25 AR-1248-5

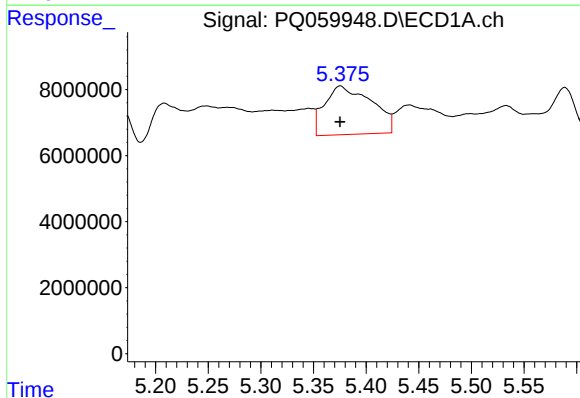
R.T.: 5.441 min
Delta R.T.: 0.004 min
Response: 22833929
Conc: 52.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



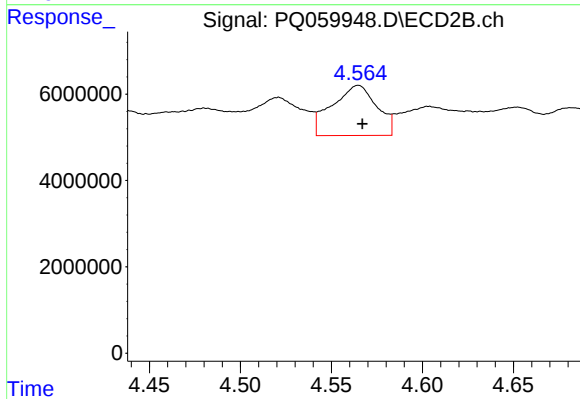
#25 AR-1248-5

R.T.: 4.604 min
Delta R.T.: -0.002 min
Response: 17695180
Conc: 67.46 ng/ml



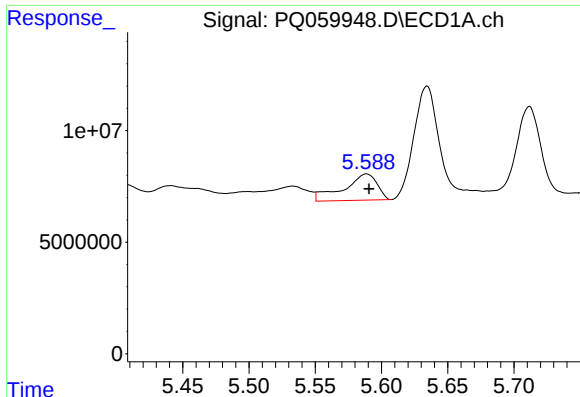
#26 AR-1254-1

R.T.: 5.376 min
Delta R.T.: 0.000 min
Response: 45822057
Conc: 101.37 ng/ml



#26 AR-1254-1

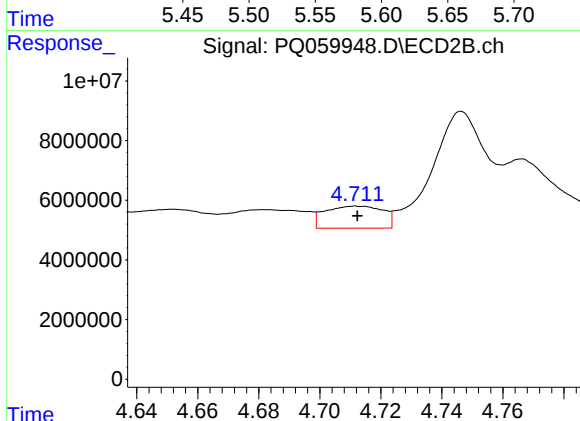
R.T.: 4.565 min
Delta R.T.: -0.002 min
Response: 19861645
Conc: 48.83 ng/ml



#27 AR-1254-2

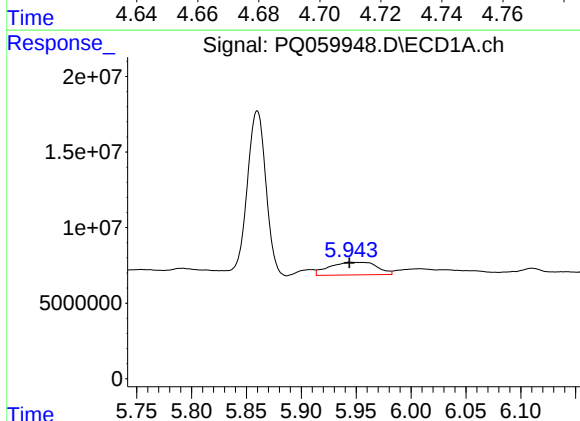
R.T.: 5.589 min
Delta R.T.: -0.002 min
Response: 20693904
Conc: 29.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



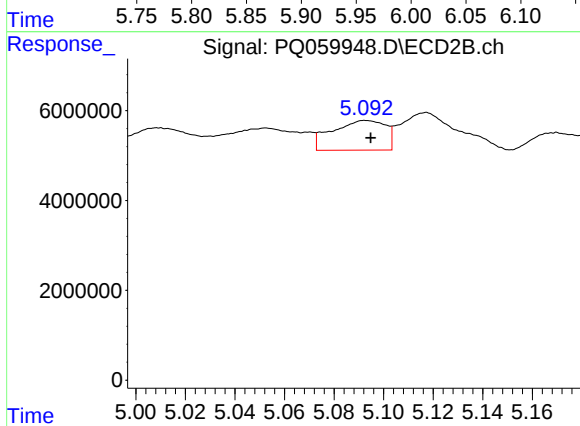
#27 AR-1254-2

R.T.: 4.712 min
Delta R.T.: 0.000 min
Response: 9771210
Conc: 27.17 ng/ml



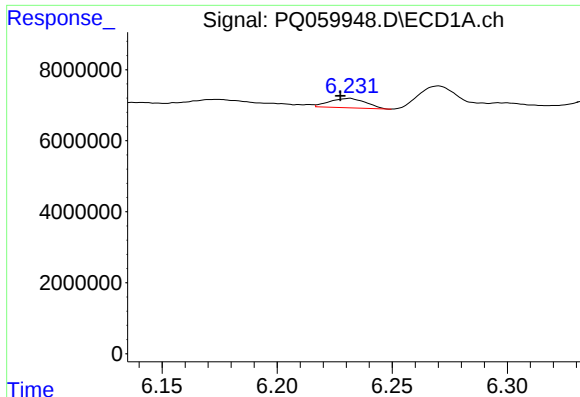
#28 AR-1254-3

R.T.: 5.944 min
Delta R.T.: 0.000 min
Response: 25164176
Conc: 34.51 ng/ml



#28 AR-1254-3

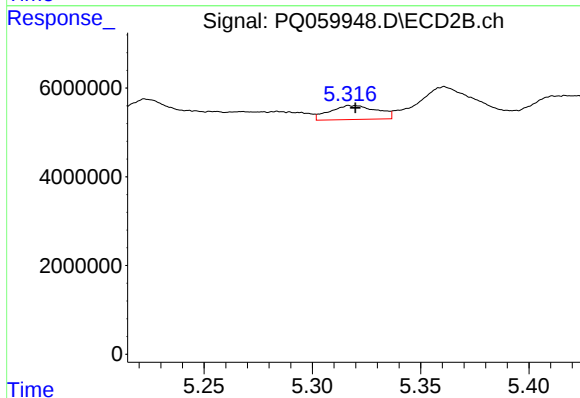
R.T.: 5.093 min
Delta R.T.: -0.002 min
Response: 9868627
Conc: 17.20 ng/ml



#29 AR-1254-4

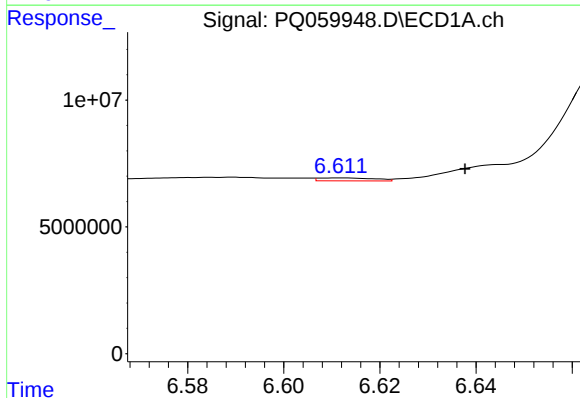
R.T.: 6.231 min
Delta R.T.: 0.004 min
Response: 2919212
Conc: 5.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



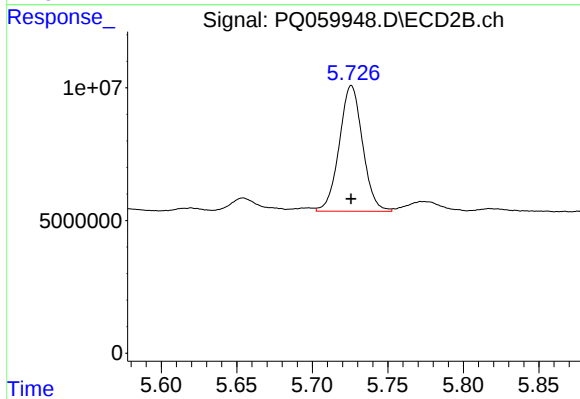
#29 AR-1254-4

R.T.: 5.318 min
Delta R.T.: -0.002 min
Response: 4789954
Conc: 13.14 ng/ml



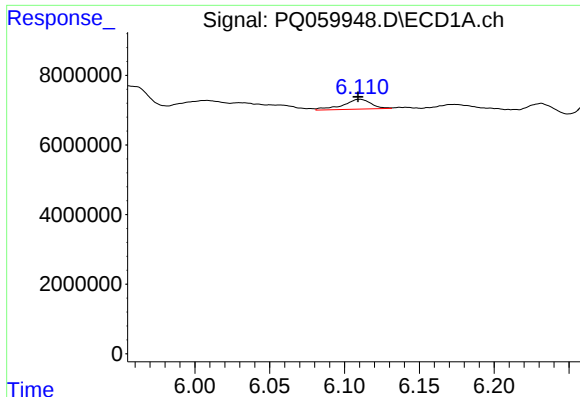
#30 AR-1254-5

R.T.: 6.612 min
Delta R.T.: -0.026 min
Response: 954307
Conc: 1.61 ng/ml



#30 AR-1254-5

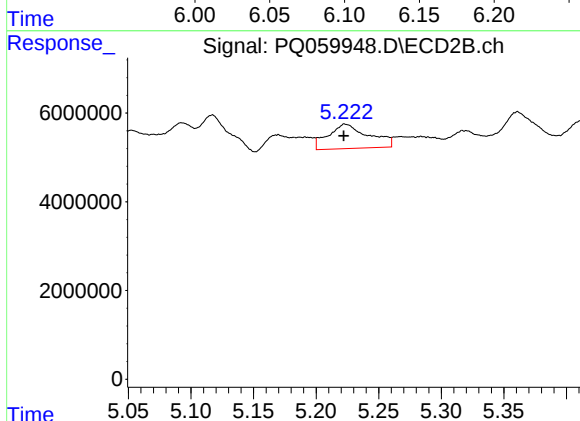
R.T.: 5.726 min
Delta R.T.: 0.000 min
Response: 50948133
Conc: 95.09 ng/ml



#31 AR-1260-1

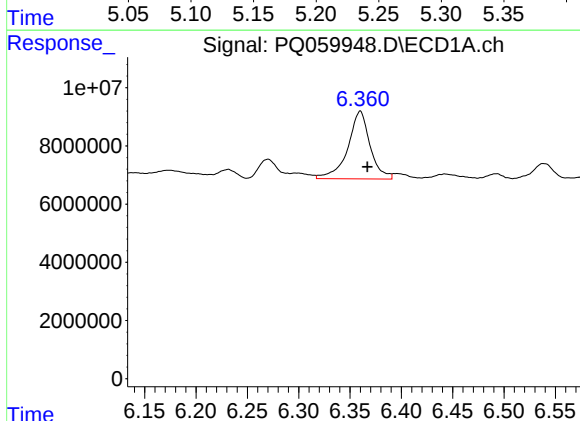
R.T.: 6.110 min
Delta R.T.: 0.001 min
Response: 3680636
Conc: 6.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



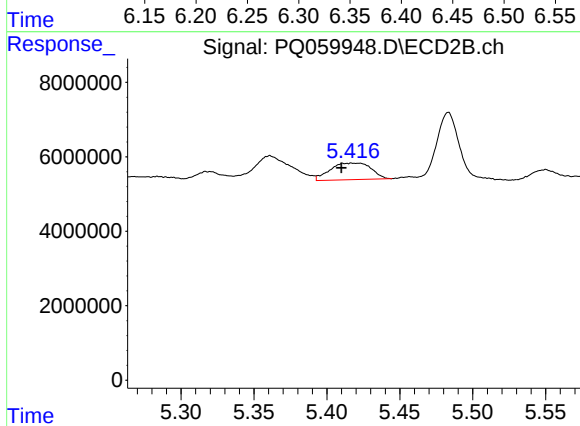
#31 AR-1260-1

R.T.: 5.223 min
Delta R.T.: 0.001 min
Response: 12400469
Conc: 31.31 ng/ml



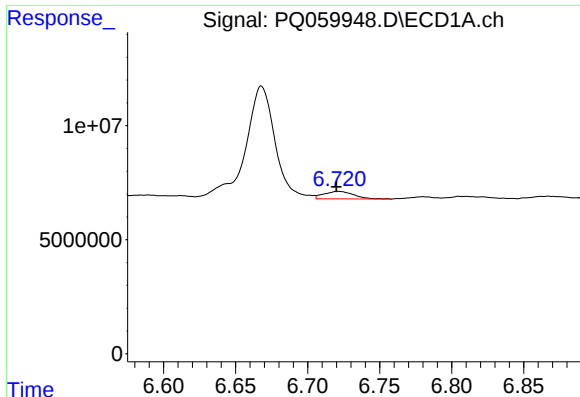
#32 AR-1260-2

R.T.: 6.360 min
Delta R.T.: -0.007 min
Response: 35189596
Conc: 52.56 ng/ml



#32 AR-1260-2

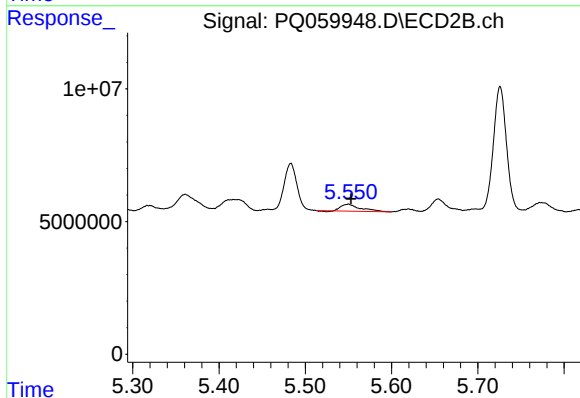
R.T.: 5.417 min
Delta R.T.: 0.007 min
Response: 8718816
Conc: 18.10 ng/ml



#33 AR-1260-3

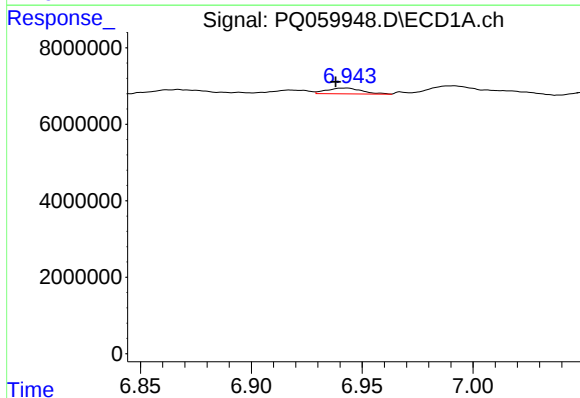
R.T.: 6.721 min
Delta R.T.: 0.001 min
Response: 4705853
Conc: 11.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



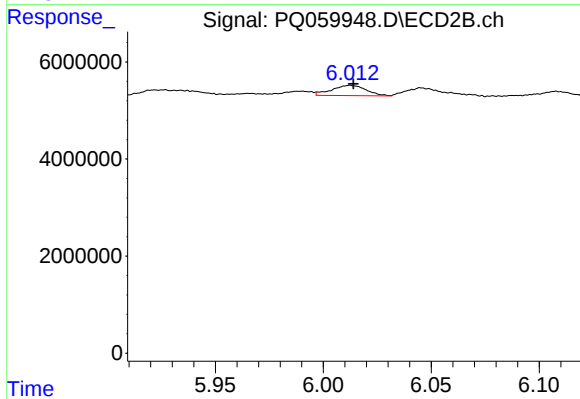
#33 AR-1260-3

R.T.: 5.550 min
Delta R.T.: -0.003 min
Response: 4019157
Conc: 8.67 ng/ml



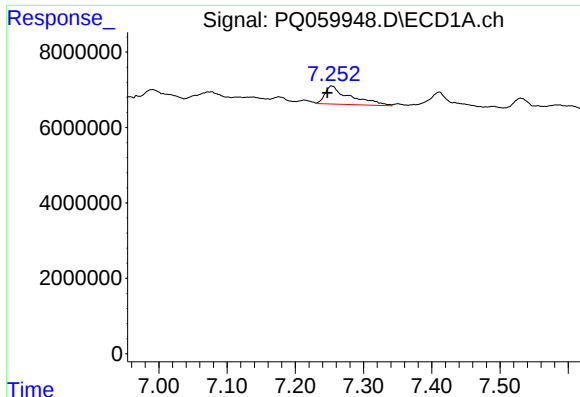
#34 AR-1260-4

R.T.: 6.942 min
Delta R.T.: 0.004 min
Response: 1679437
Conc: 3.36 ng/ml



#34 AR-1260-4

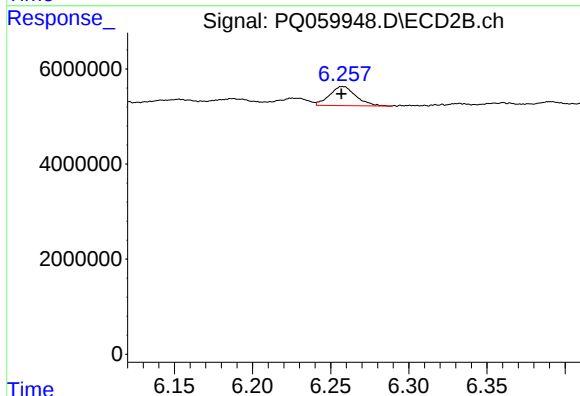
R.T.: 6.013 min
Delta R.T.: -0.001 min
Response: 2363840
Conc: 6.91 ng/ml



#35 AR-1260-5

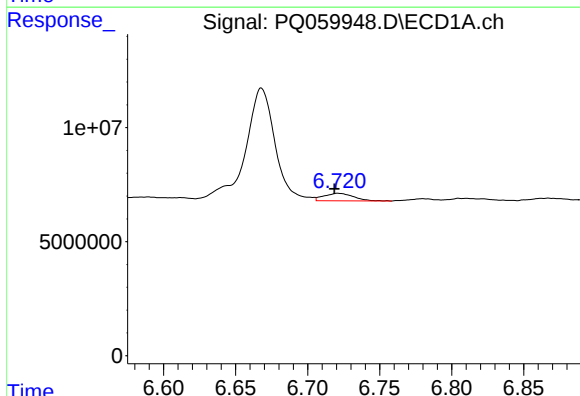
R.T.: 7.253 min
Delta R.T.: 0.006 min
Response: 12270488
Conc: 12.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



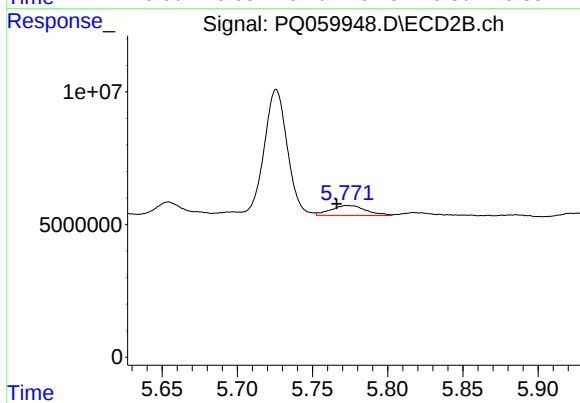
#35 AR-1260-5

R.T.: 6.258 min
Delta R.T.: 0.000 min
Response: 4711831
Conc: 5.67 ng/ml



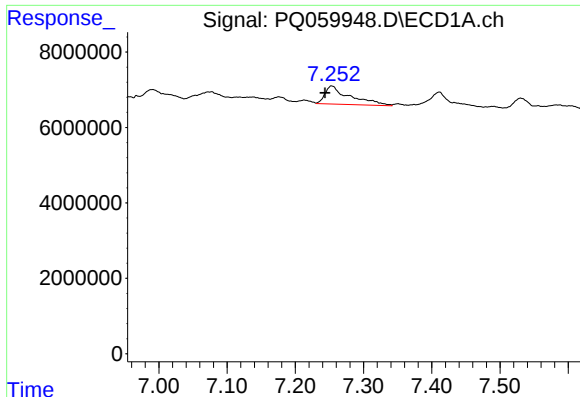
#36 AR-1262-1

R.T.: 6.721 min
Delta R.T.: 0.003 min
Response: 4705853
Conc: 7.09 ng/ml



#36 AR-1262-1

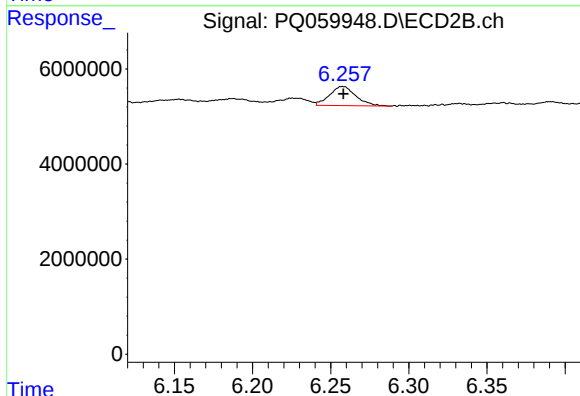
R.T.: 5.773 min
Delta R.T.: 0.007 min
Response: 6147718
Conc: 12.02 ng/ml



#37 AR-1262-2

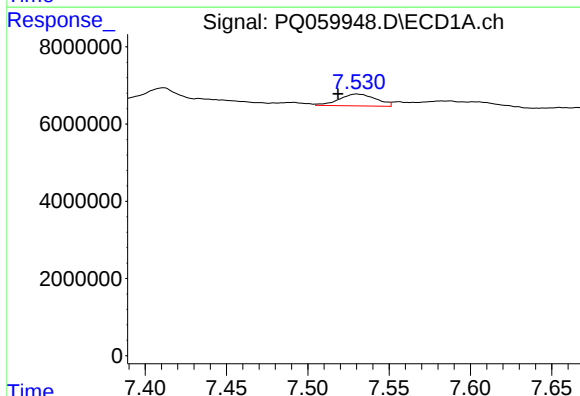
R.T.: 7.253 min
Delta R.T.: 0.010 min
Response: 12270488
Conc: 11.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



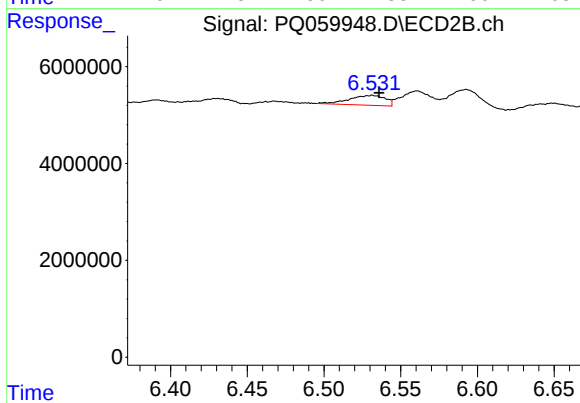
#37 AR-1262-2

R.T.: 6.258 min
Delta R.T.: 0.000 min
Response: 4711831
Conc: 4.97 ng/ml



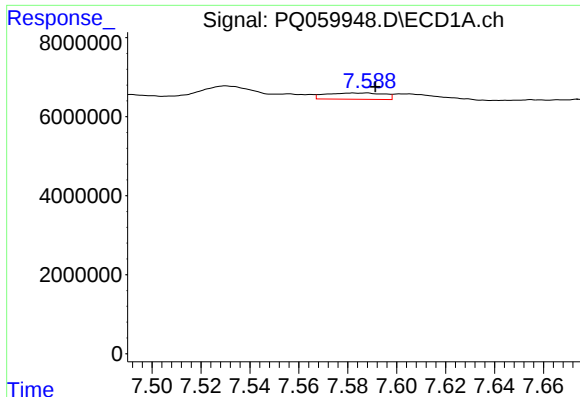
#38 AR-1262-3

R.T.: 7.530 min
Delta R.T.: 0.011 min
Response: 4854829
Conc: 6.76 ng/ml



#38 AR-1262-3

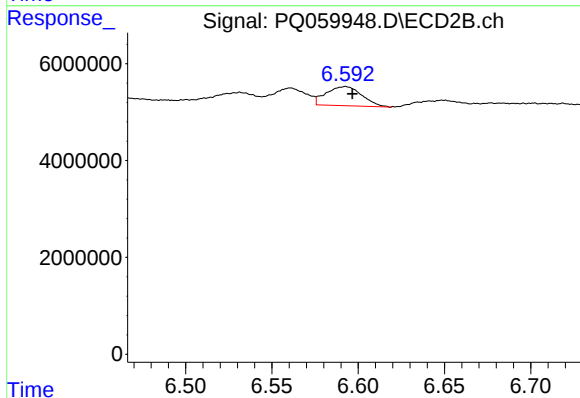
R.T.: 6.531 min
Delta R.T.: -0.005 min
Response: 3361712
Conc: 9.08 ng/ml



#39 AR-1262-4

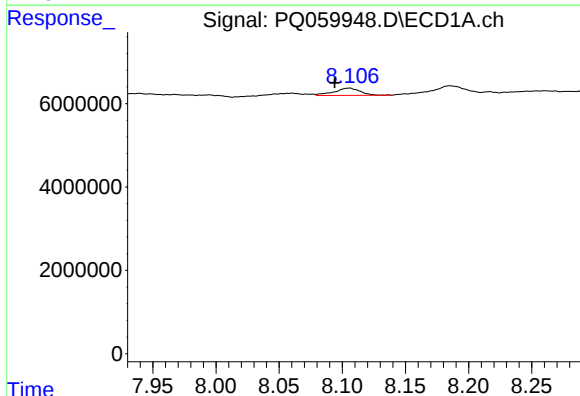
R.T.: 7.582 min
Delta R.T.: -0.009 min
Response: 2622260
Conc: 4.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



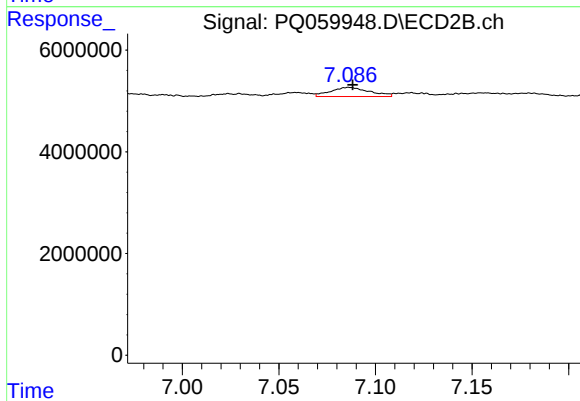
#39 AR-1262-4

R.T.: 6.593 min
Delta R.T.: -0.004 min
Response: 5706313
Conc: 8.06 ng/ml



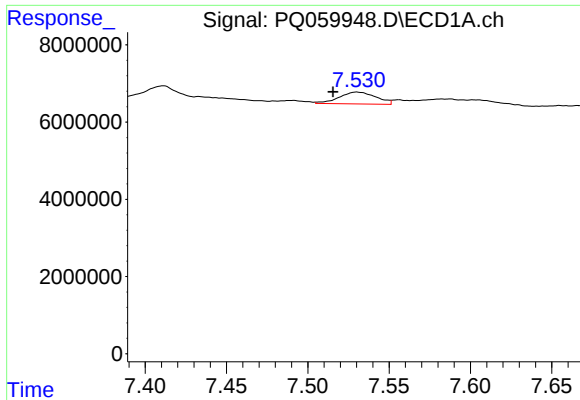
#40 AR-1262-5

R.T.: 8.105 min
Delta R.T.: 0.011 min
Response: 2504064
Conc: 7.23 ng/ml



#40 AR-1262-5

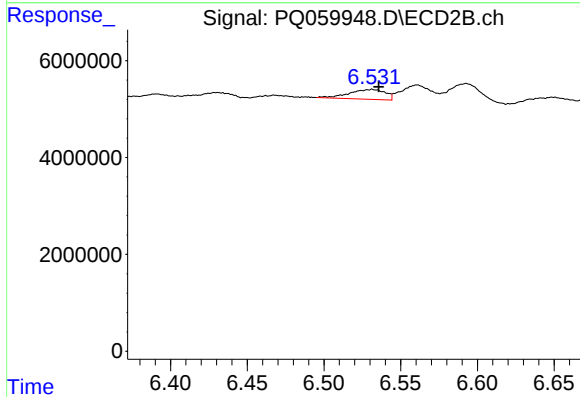
R.T.: 7.086 min
Delta R.T.: -0.002 min
Response: 2554792
Conc: 7.67 ng/ml



#41 AR-1268-1

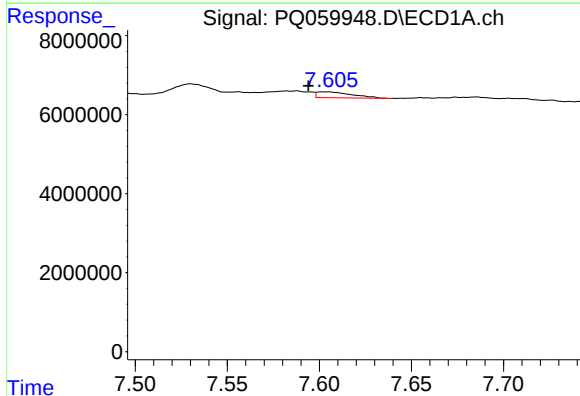
R.T.: 7.530 min
Delta R.T.: 0.015 min
Response: 4854829
Conc: 3.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



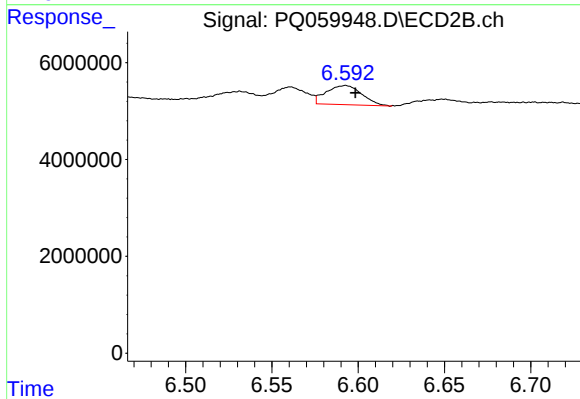
#41 AR-1268-1

R.T.: 6.531 min
Delta R.T.: -0.004 min
Response: 3361712
Conc: 3.04 ng/ml



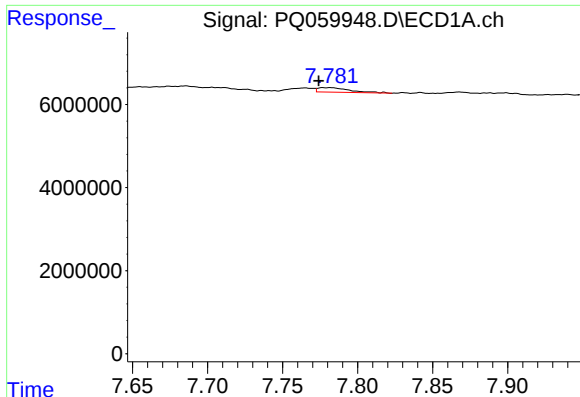
#42 AR-1268-2

R.T.: 7.602 min
Delta R.T.: 0.008 min
Response: 1947767
Conc: 1.70 ng/ml



#42 AR-1268-2

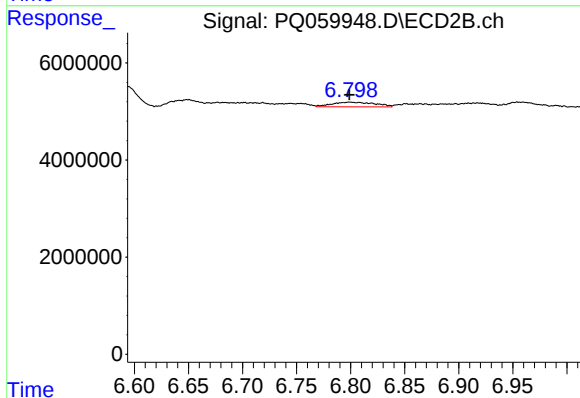
R.T.: 6.593 min
Delta R.T.: -0.006 min
Response: 5706313
Conc: 5.58 ng/ml



#43 AR-1268-3

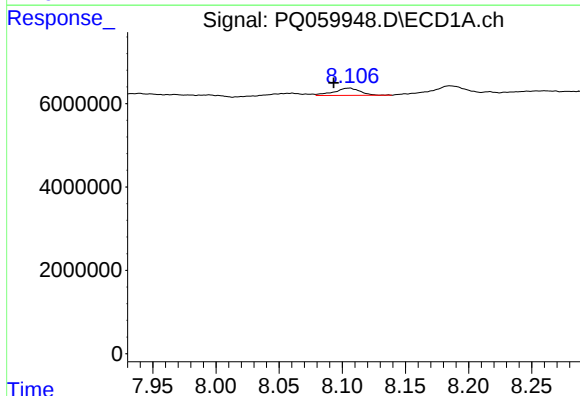
R.T.: 7.782 min
Delta R.T.: 0.008 min
Response: 1580728
Conc: 1.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



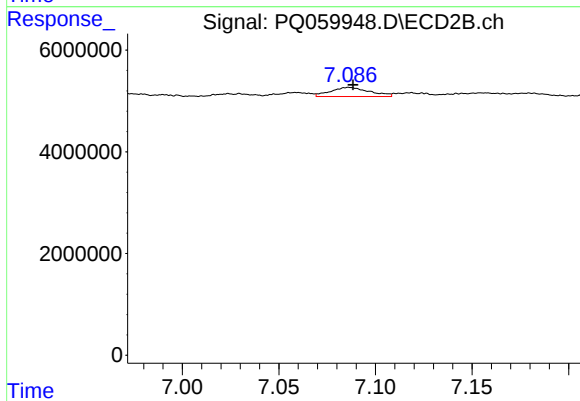
#43 AR-1268-3

R.T.: 6.799 min
Delta R.T.: 0.000 min
Response: 2646585
Conc: 3.03 ng/ml



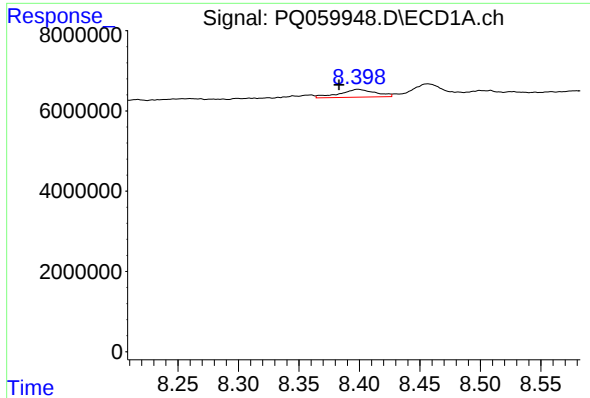
#44 AR-1268-4

R.T.: 8.105 min
Delta R.T.: 0.012 min
Response: 2504064
Conc: 6.44 ng/ml



#44 AR-1268-4

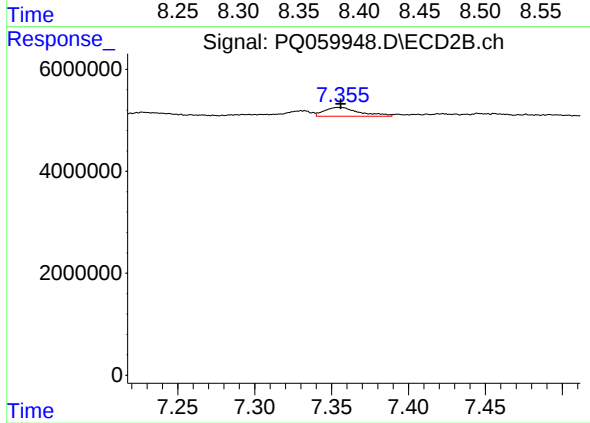
R.T.: 7.086 min
Delta R.T.: -0.002 min
Response: 2554792
Conc: 6.78 ng/ml



#45 AR-1268-5

R.T.: 8.399 min
Delta R.T.: 0.016 min
Response: 4036878
Conc: 1.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.355 min
Delta R.T.: 0.000 min
Response: 2734261
Conc: 0.98 ng/ml