

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ051421\
 Data File : PQ053494.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 May 2021 01:16
 Operator : DD\AJ
 Sample : M2262-02
 Misc : AR1221 LOQ 50 PPB
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 14 04:03:29 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ051321.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri May 14 03:47:40 2021
 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...	5.221	4.236	533.1E6	230.9E6	18.467	17.919
2)	SA Decachlor...	11.408	9.573	592.7E6	280.7E6	19.846	19.769
Target Compounds							
3)	L1 AR-1016-1	6.548	5.495	-929119	945410	N.D.	2.077 #
4)	L1 AR-1016-2	6.571	5.516	3108486	3007510	2.019	4.439 #
5)	L1 AR-1016-3	6.640	5.708	3849574	906974	4.204	2.620 #
6)	L1 AR-1016-4	6.743	5.774f	5381627	1622853	7.303	5.737
7)	L1 AR-1016-5	7.062	0.000	4870208	0	6.752	N.D. #
8)	L2 AR-1221-1	5.471	4.493	19396351	13203513	66.481	98.719 #
9)	L2 AR-1221-2	5.575	4.593	29033896	10222287	136.697	101.916 #
10)	L2 AR-1221-3	5.659	4.683	46850669	16697841	67.129	51.204
11)	L3 AR-1232-1	5.659	4.683	46850669	16697841	90.920	70.401
12)	L3 AR-1232-2	6.241	5.516	22571225	3007510	81.056	11.890 #
13)	L3 AR-1232-3	6.571	5.708	3108486	906974	5.295	7.133 #
14)	L3 AR-1232-4	6.743	5.774f	5381627	1622853	19.717	14.468 #
15)	L3 AR-1232-5	6.836	0.000	5455603	0	27.432	N.D. #
16)	L4 AR-1242-1	6.548	5.495	-929119	945410	N.D.	2.946 #
17)	L4 AR-1242-2	6.571	5.516	3108486	3007510	2.869	6.366 #
18)	L4 AR-1242-3	6.640	5.708	3849574	906974	5.928	3.727 #
19)	L4 AR-1242-4	6.743	5.774f	5381627	1622853	10.279	6.849 #
20)	L4 AR-1242-5	0.000	6.393f	0	4599624	N.D.	14.419 #
21)	L5 AR-1248-1	6.548	5.495	-929119	945410	N.D.	3.911 #
22)	L5 AR-1248-2	6.836	5.774f	5455603	1622853	7.196	4.706 #
23)	L5 AR-1248-3	7.062	5.774f	4870208	1622853	5.671	4.627
25)	L5 AR-1248-5	0.000	6.393f	0	4599624	N.D.	10.846 #
26)	L6 AR-1254-1	7.454	6.393f	55467083	4599624	56.978	6.795 #
27)	L6 AR-1254-2	7.674	6.524	11058667	2518988	7.327	4.046 #
28)	L6 AR-1254-3	8.072	0.000	1878018	0	1.202	N.D. #
29)	L6 AR-1254-4	8.366	0.000	632448	0	0.545	N.D. #
30)	L6 AR-1254-5	8.792	0.000	3553849	0	2.760	N.D. #
31)	L7 AR-1260-1	8.236	7.076	2348663	1922470	1.724	2.383 #
32)	L7 AR-1260-2	8.511	7.293	4887281	170844	2.844	0.150 #
33)	L7 AR-1260-3	8.875	7.424	1311101	1065343	1.088	1.117
34)	L7 AR-1260-4	9.122	0.000	2604248	0	2.045	N.D. #
35)	L7 AR-1260-5	9.450	8.163	2018755	3355405	0.734	1.752 #
36)	L8 AR-1262-1	8.875	0.000	1311101	0	0.757	N.D. #
37)	L8 AR-1262-2	9.450	8.163	2018755	3355405	0.666	1.638 #
38)	L8 AR-1262-3	9.788	0.000	690032	0	0.336	N.D. #
39)	L8 AR-1262-4	9.890	0.000	519356	0	0.304	N.D. #
40)	L8 AR-1262-5	10.595	9.029	7020390	31940522	6.168	51.806 #
41)	L9 AR-1268-1	9.788	0.000	690032	0	0.196	N.D. #
42)	L9 AR-1268-2	9.890	0.000	519356	0	0.156	N.D. #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ051421\
 Data File : PQ053494.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 May 2021 01:16
 Operator : DD\AJ
 Sample : M2262-02
 Misc : AR1221 LOQ 50 PPB
 ALS Vial : 36 Sample Multiplier: 1

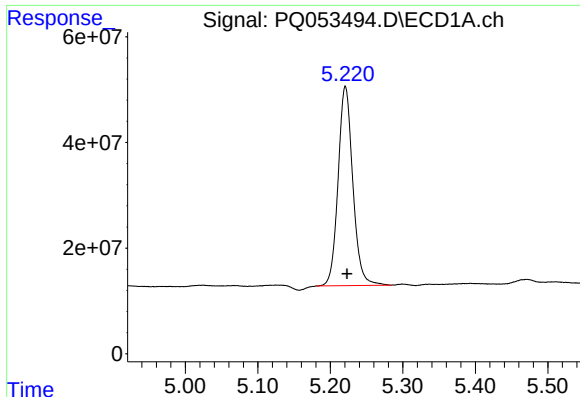
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 14 04:03:29 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ051321.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri May 14 03:47:40 2021
 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	10.120	0.000	2240267	0	0.764	N.D. #
44) L9	AR-1268-4	10.595	9.029	7020390	31940522	6.091	49.878 #
45) L9	AR-1268-5	11.047	9.316	6308210	32487328	0.675	6.710 #

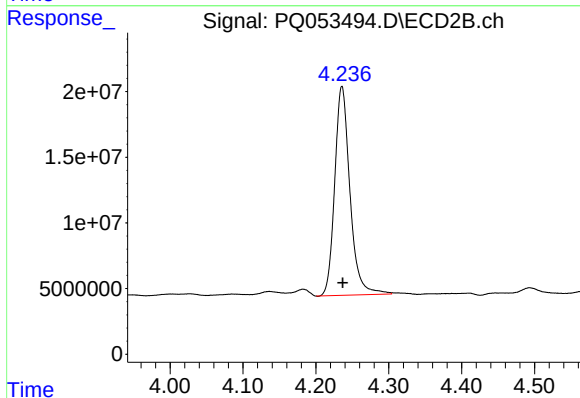
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

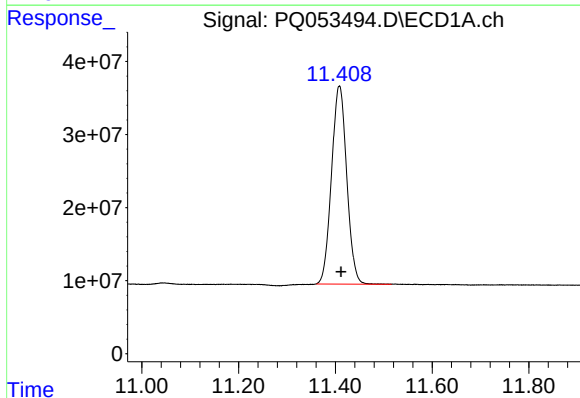
R.T.: 5.221 min
Delta R.T.: -0.002 min
Response: 533145904
Conc: 18.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



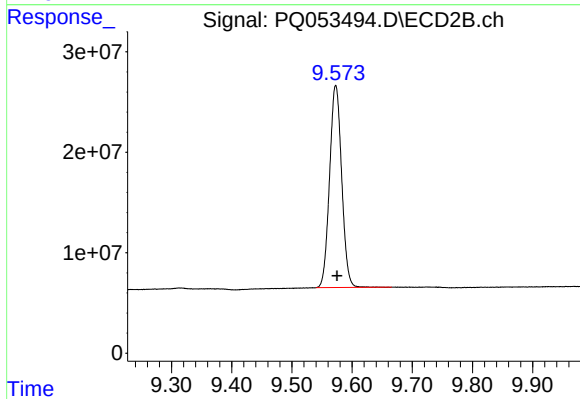
#1 Tetrachloro-m-xylene

R.T.: 4.236 min
Delta R.T.: 0.000 min
Response: 230882352
Conc: 17.92 ng/ml



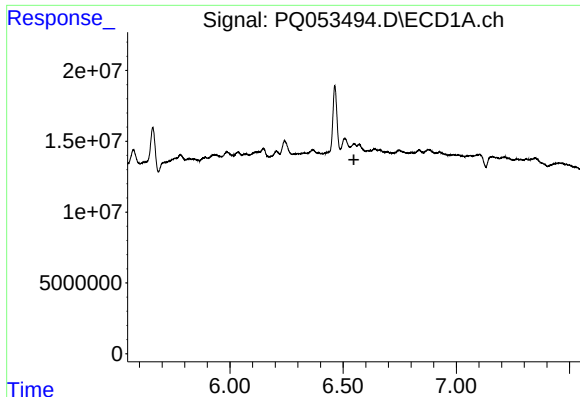
#2 Decachlorobiphenyl

R.T.: 11.408 min
Delta R.T.: -0.004 min
Response: 592746049
Conc: 19.85 ng/ml



#2 Decachlorobiphenyl

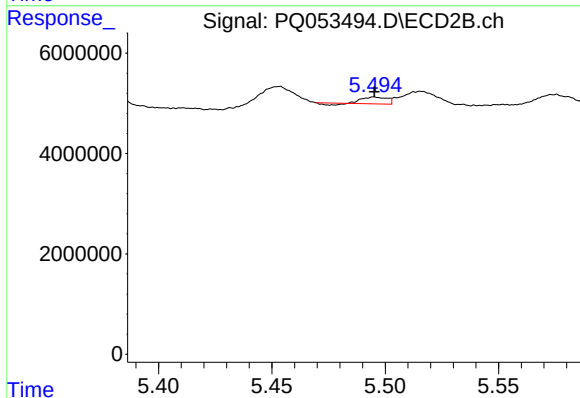
R.T.: 9.573 min
Delta R.T.: -0.002 min
Response: 280686902
Conc: 19.77 ng/ml



#3 AR-1016-1

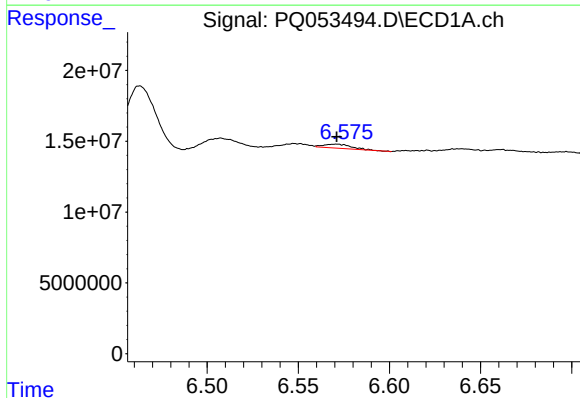
R.T.: 6.548 min
Delta R.T.: 0.000 min
Response: -929119
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



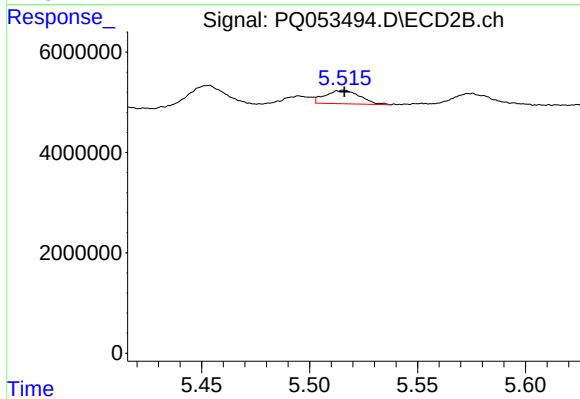
#3 AR-1016-1

R.T.: 5.495 min
Delta R.T.: 0.000 min
Response: 945410
Conc: 2.08 ng/ml



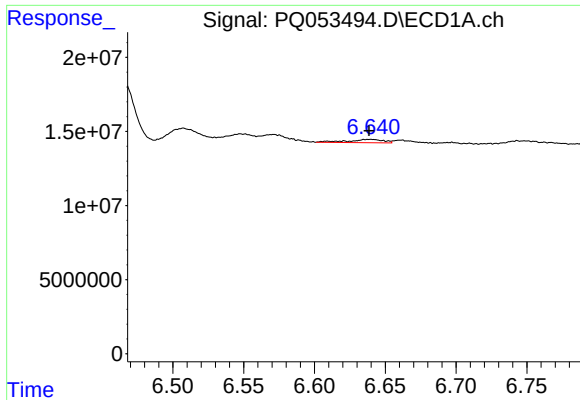
#4 AR-1016-2

R.T.: 6.571 min
Delta R.T.: 0.000 min
Response: 3108486
Conc: 2.02 ng/ml



#4 AR-1016-2

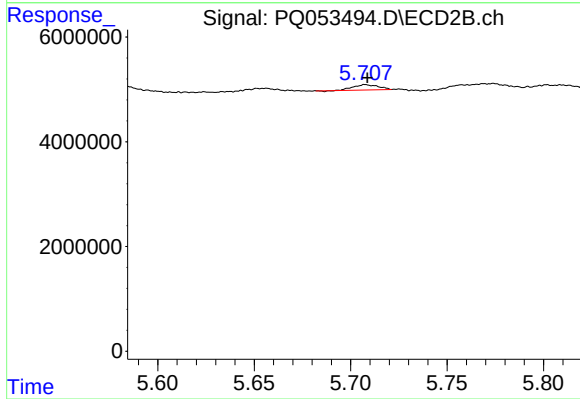
R.T.: 5.516 min
Delta R.T.: 0.000 min
Response: 3007510
Conc: 4.44 ng/ml



#5 AR-1016-3

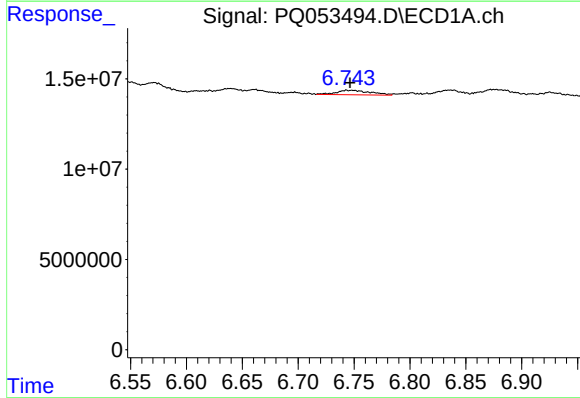
R.T.: 6.640 min
Delta R.T.: 0.000 min
Response: 3849574
Conc: 4.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



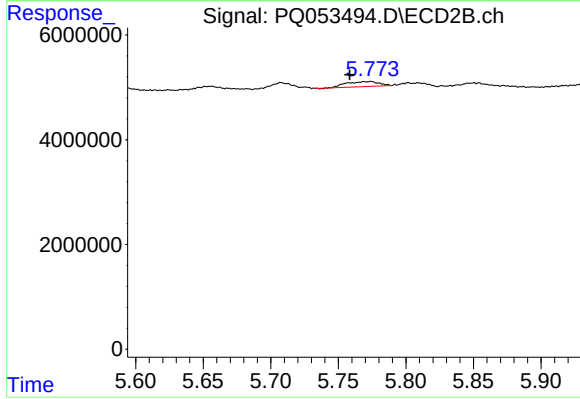
#5 AR-1016-3

R.T.: 5.708 min
Delta R.T.: -0.001 min
Response: 906974
Conc: 2.62 ng/ml



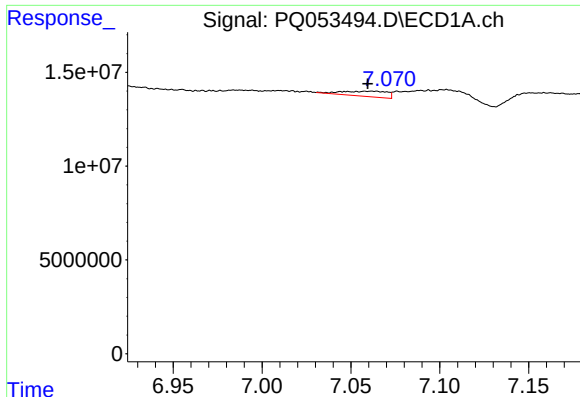
#6 AR-1016-4

R.T.: 6.743 min
Delta R.T.: -0.003 min
Response: 5381627
Conc: 7.30 ng/ml



#6 AR-1016-4

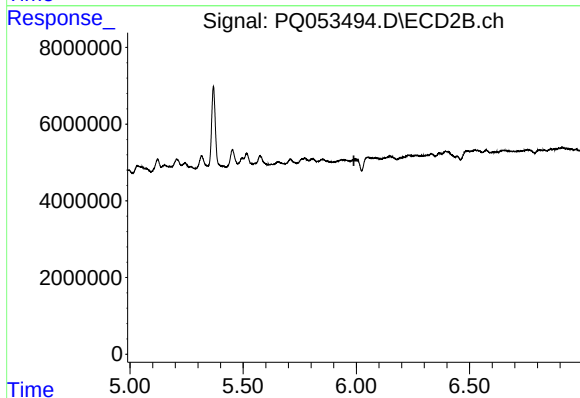
R.T.: 5.774 min
Delta R.T.: 0.016 min
Response: 1622853
Conc: 5.74 ng/ml



#7 AR-1016-5

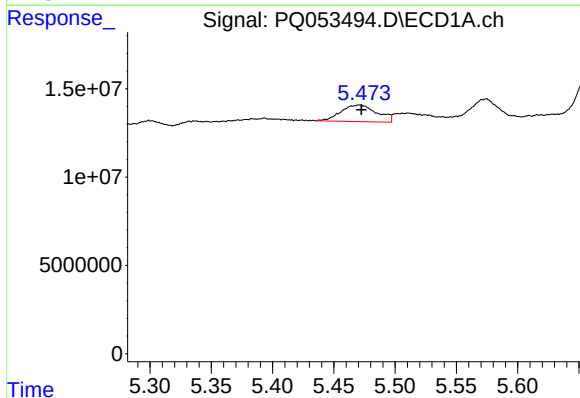
R.T.: 7.062 min
Delta R.T.: 0.003 min
Response: 4870208
Conc: 6.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



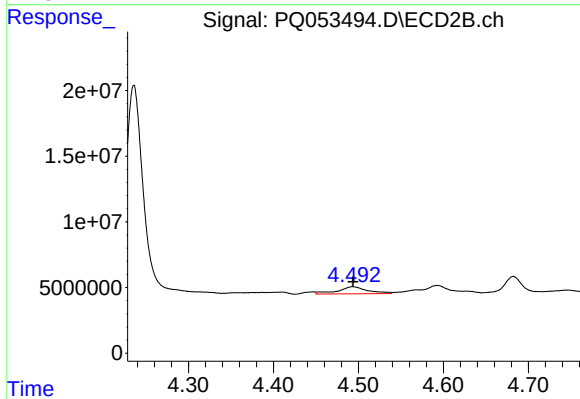
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.989 min
Response: 0
Conc: N.D.



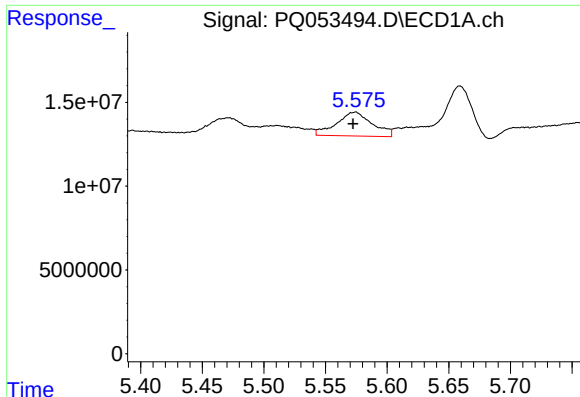
#8 AR-1221-1

R.T.: 5.471 min
Delta R.T.: -0.002 min
Response: 19396351
Conc: 66.48 ng/ml



#8 AR-1221-1

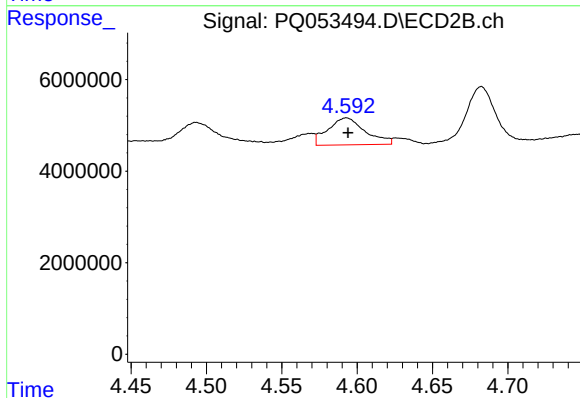
R.T.: 4.493 min
Delta R.T.: 0.000 min
Response: 13203513
Conc: 98.72 ng/ml



#9 AR-1221-2

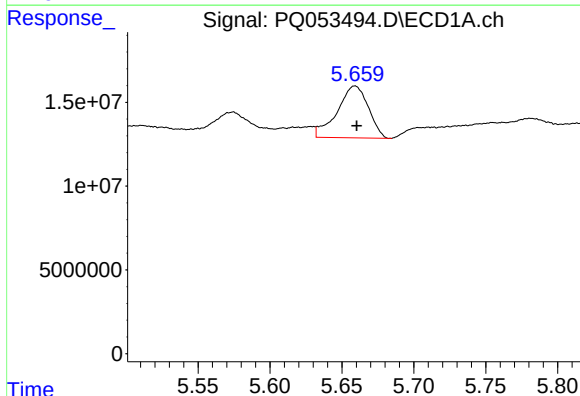
R.T.: 5.575 min
Delta R.T.: 0.002 min
Response: 29033896
Conc: 136.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



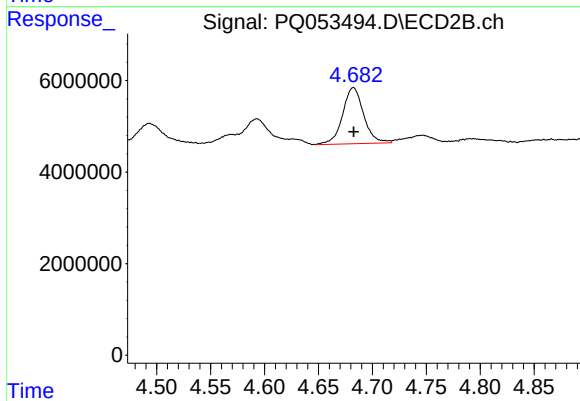
#9 AR-1221-2

R.T.: 4.593 min
Delta R.T.: 0.000 min
Response: 10222287
Conc: 101.92 ng/ml



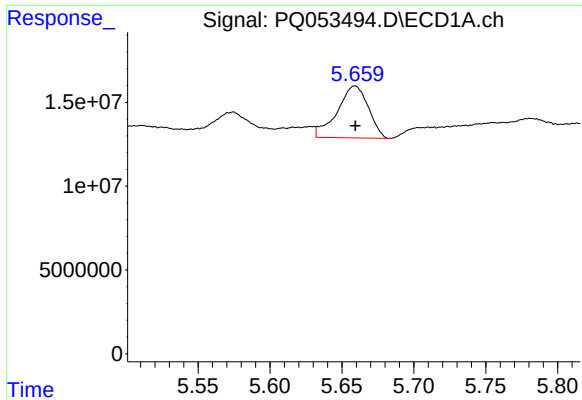
#10 AR-1221-3

R.T.: 5.659 min
Delta R.T.: -0.001 min
Response: 46850669
Conc: 67.13 ng/ml



#10 AR-1221-3

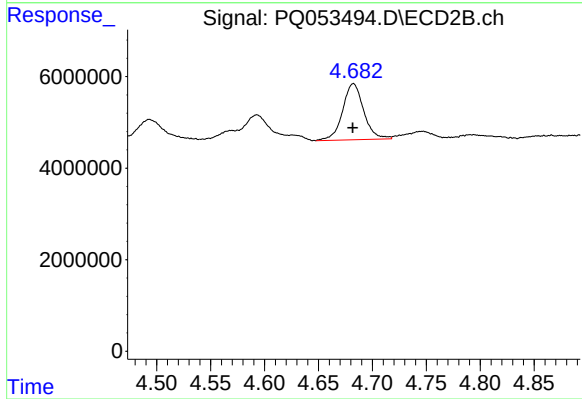
R.T.: 4.683 min
Delta R.T.: 0.000 min
Response: 16697841
Conc: 51.20 ng/ml



#11 AR-1232-1

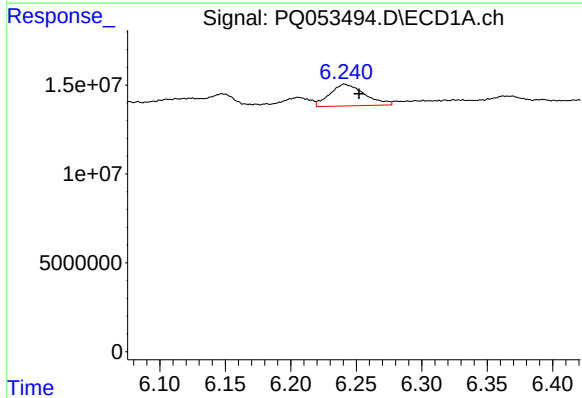
R.T.: 5.659 min
Delta R.T.: 0.000 min
Response: 46850669
Conc: 90.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



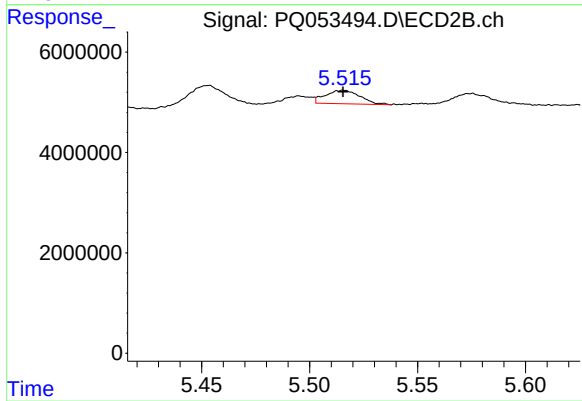
#11 AR-1232-1

R.T.: 4.683 min
Delta R.T.: 0.000 min
Response: 16697841
Conc: 70.40 ng/ml



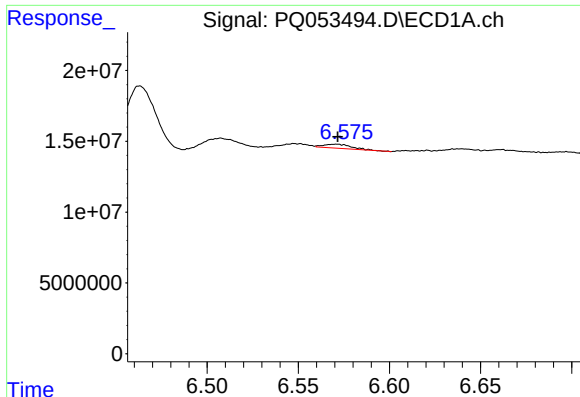
#12 AR-1232-2

R.T.: 6.241 min
Delta R.T.: -0.011 min
Response: 22571225
Conc: 81.06 ng/ml



#12 AR-1232-2

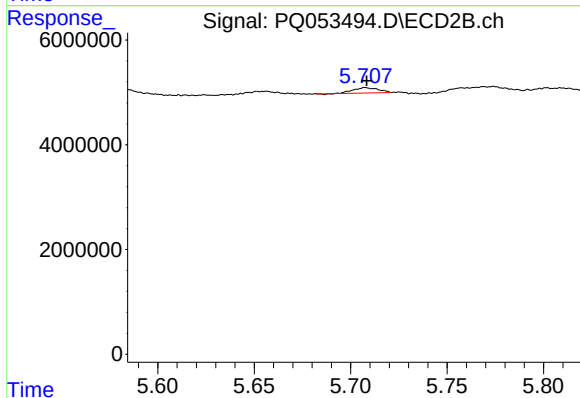
R.T.: 5.516 min
Delta R.T.: 0.000 min
Response: 3007510
Conc: 11.89 ng/ml



#13 AR-1232-3

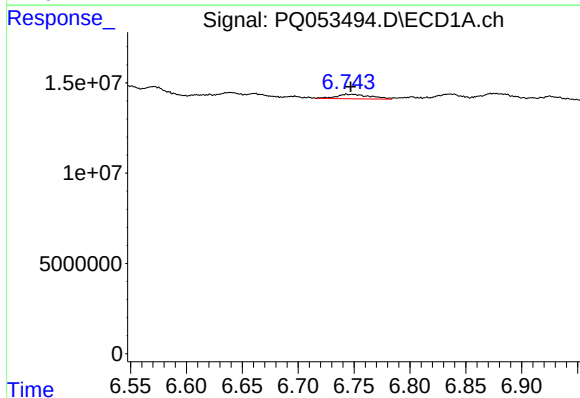
R.T.: 6.571 min
Delta R.T.: 0.000 min
Response: 3108486
Conc: 5.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



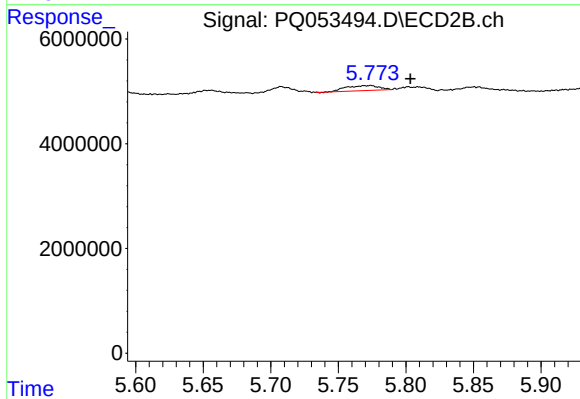
#13 AR-1232-3

R.T.: 5.708 min
Delta R.T.: 0.000 min
Response: 906974
Conc: 7.13 ng/ml



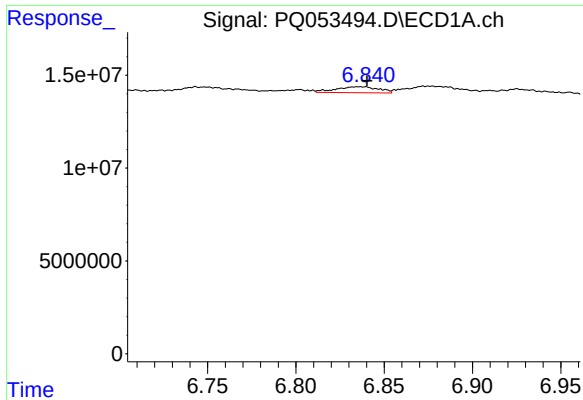
#14 AR-1232-4

R.T.: 6.743 min
Delta R.T.: -0.004 min
Response: 5381627
Conc: 19.72 ng/ml



#14 AR-1232-4

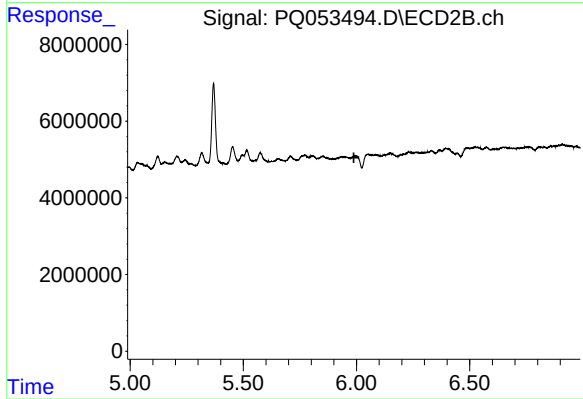
R.T.: 5.774 min
Delta R.T.: -0.029 min
Response: 1622853
Conc: 14.47 ng/ml



#15 AR-1232-5

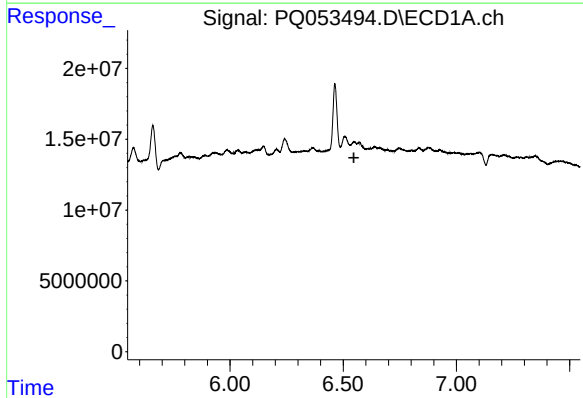
R.T.: 6.836 min
Delta R.T.: -0.004 min
Response: 5455603
Conc: 27.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



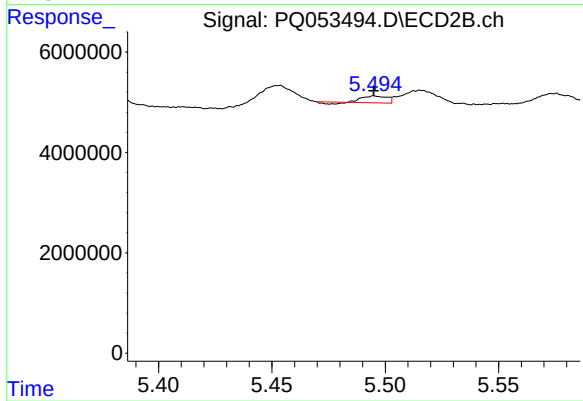
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.988 min
Response: 0
Conc: N.D.



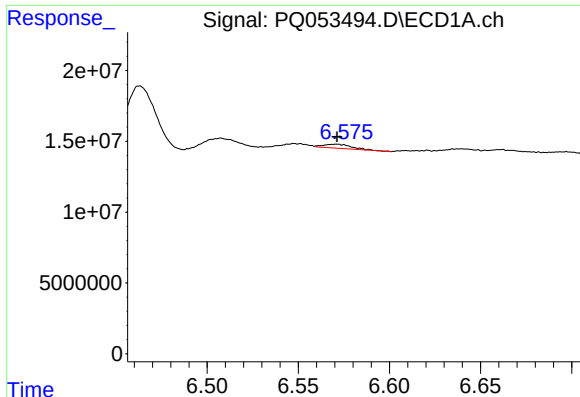
#16 AR-1242-1

R.T.: 6.548 min
Delta R.T.: 0.001 min
Response: -929119
Conc: N.D.



#16 AR-1242-1

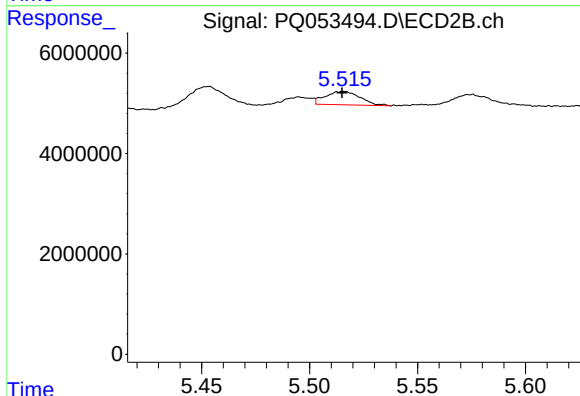
R.T.: 5.495 min
Delta R.T.: 0.000 min
Response: 945410
Conc: 2.95 ng/ml



#17 AR-1242-2

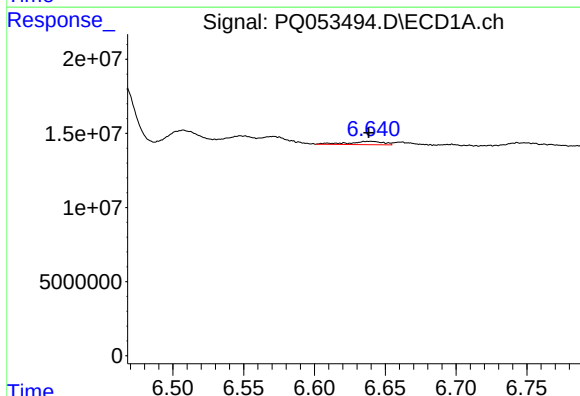
R.T.: 6.571 min
Delta R.T.: 0.000 min
Response: 3108486
Conc: 2.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



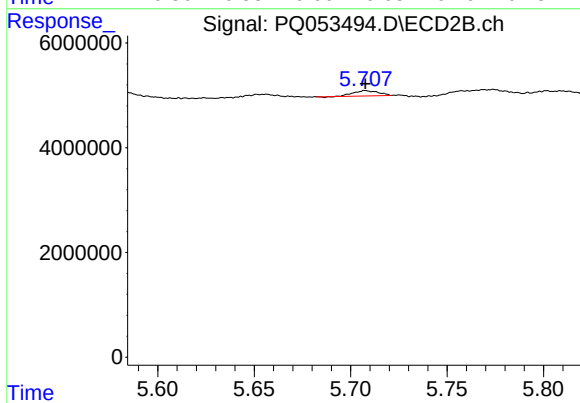
#17 AR-1242-2

R.T.: 5.516 min
Delta R.T.: 0.000 min
Response: 3007510
Conc: 6.37 ng/ml



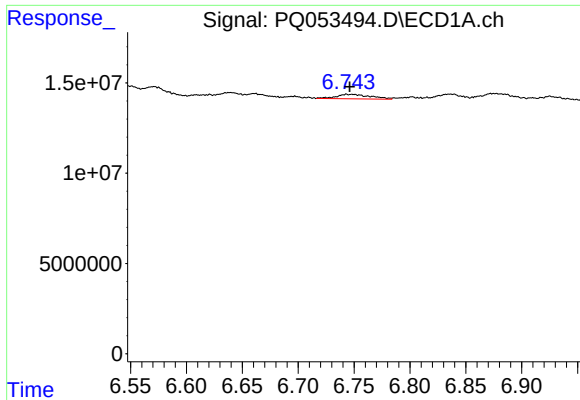
#18 AR-1242-3

R.T.: 6.640 min
Delta R.T.: 0.001 min
Response: 3849574
Conc: 5.93 ng/ml



#18 AR-1242-3

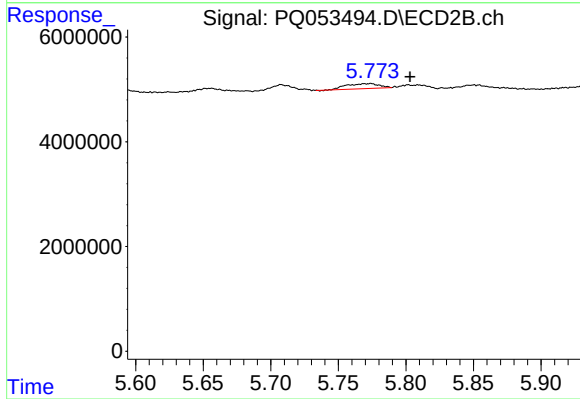
R.T.: 5.708 min
Delta R.T.: 0.000 min
Response: 906974
Conc: 3.73 ng/ml



#19 AR-1242-4

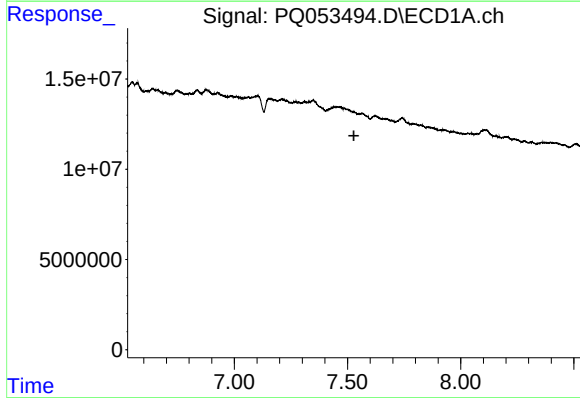
R.T.: 6.743 min
Delta R.T.: -0.003 min
Response: 5381627
Conc: 10.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



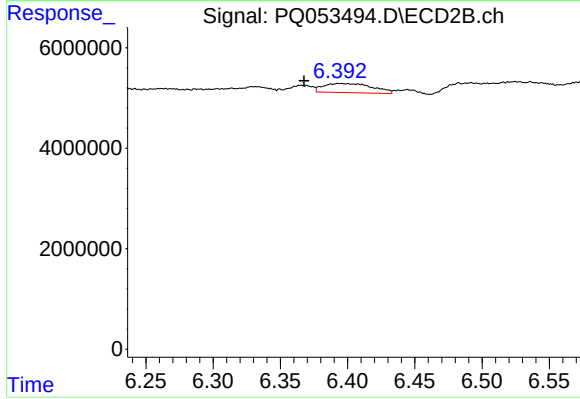
#19 AR-1242-4

R.T.: 5.774 min
Delta R.T.: -0.029 min
Response: 1622853
Conc: 6.85 ng/ml



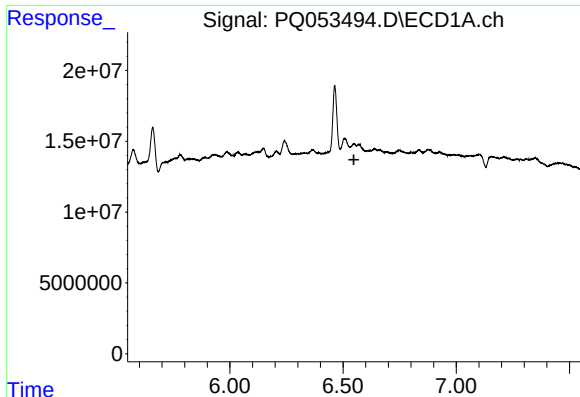
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 7.528 min
Response: 0
Conc: N.D.



#20 AR-1242-5

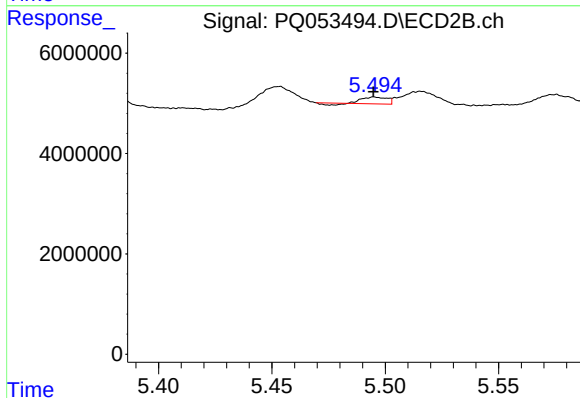
R.T.: 6.393 min
Delta R.T.: 0.025 min
Response: 4599624
Conc: 14.42 ng/ml



#21 AR-1248-1

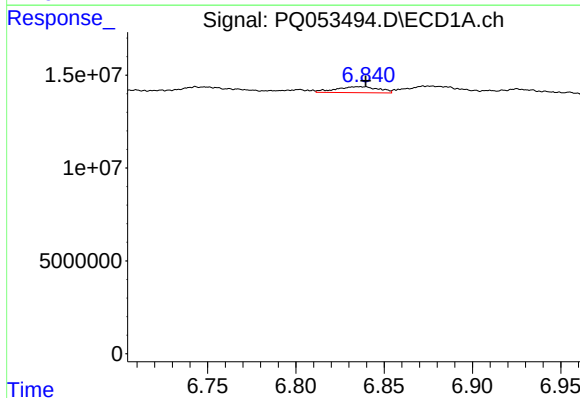
R.T.: 6.548 min
Delta R.T.: 0.000 min
Response: -929119
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



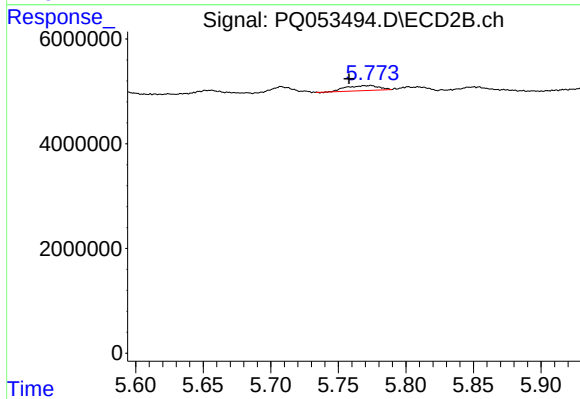
#21 AR-1248-1

R.T.: 5.495 min
Delta R.T.: 0.000 min
Response: 945410
Conc: 3.91 ng/ml



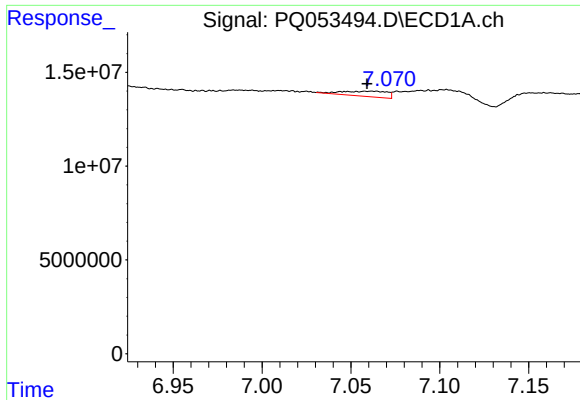
#22 AR-1248-2

R.T.: 6.836 min
Delta R.T.: -0.003 min
Response: 5455603
Conc: 7.20 ng/ml



#22 AR-1248-2

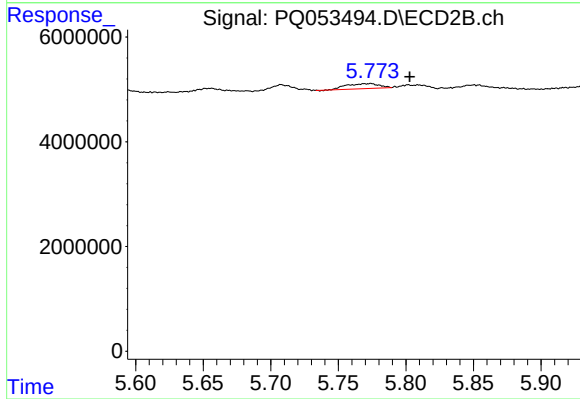
R.T.: 5.774 min
Delta R.T.: 0.016 min
Response: 1622853
Conc: 4.71 ng/ml



#23 AR-1248-3

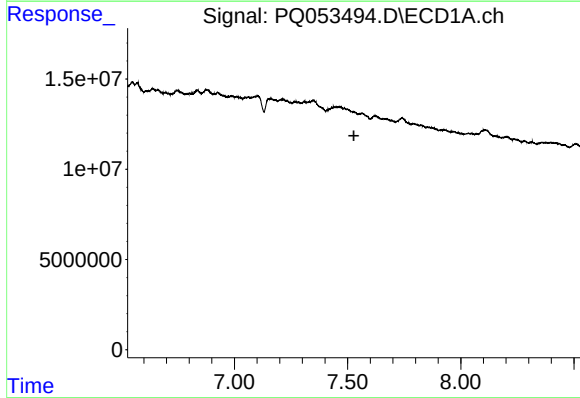
R.T.: 7.062 min
Delta R.T.: 0.003 min
Response: 4870208
Conc: 5.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



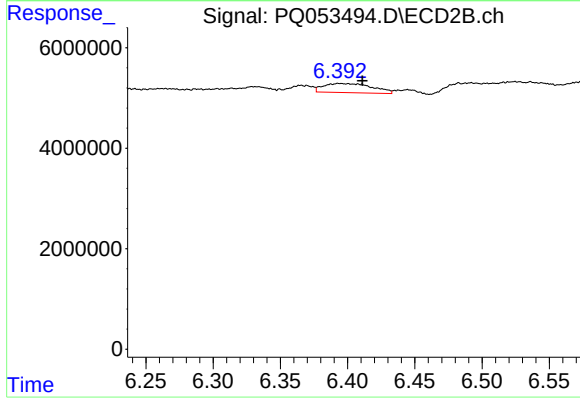
#23 AR-1248-3

R.T.: 5.774 min
Delta R.T.: -0.029 min
Response: 1622853
Conc: 4.63 ng/ml



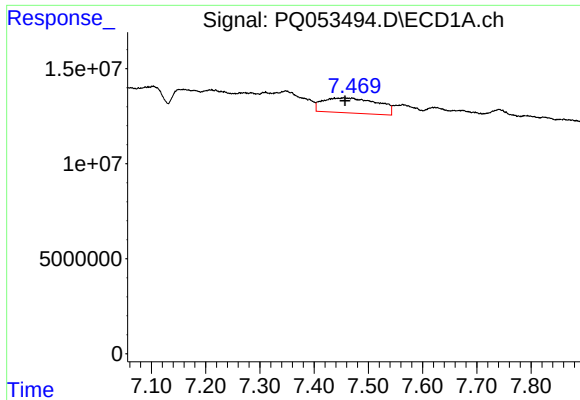
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 7.528 min
Response: 0
Conc: N.D.



#25 AR-1248-5

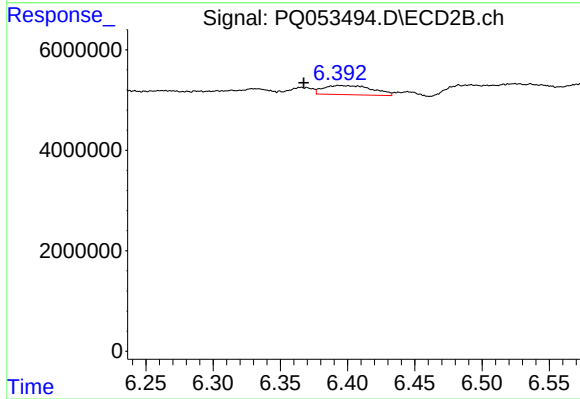
R.T.: 6.393 min
Delta R.T.: -0.018 min
Response: 4599624
Conc: 10.85 ng/ml



#26 AR-1254-1

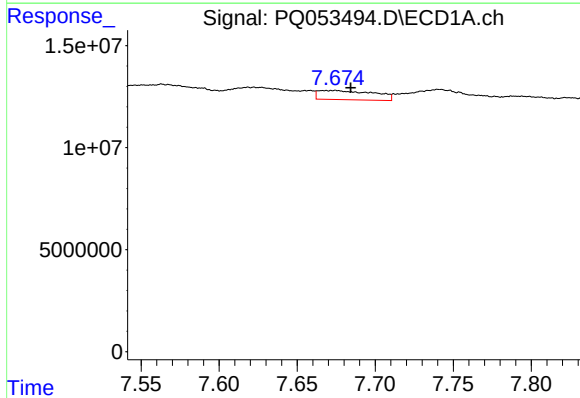
R.T.: 7.454 min
Delta R.T.: -0.002 min
Response: 55467083
Conc: 56.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



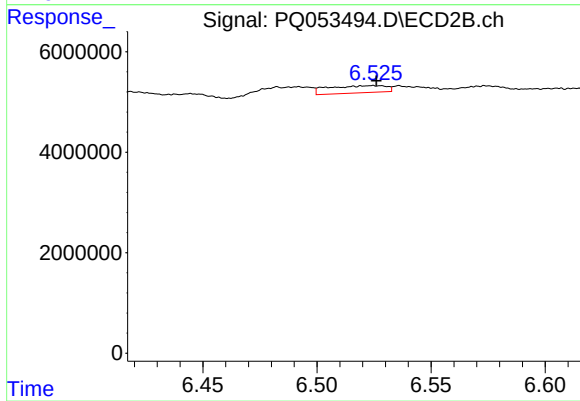
#26 AR-1254-1

R.T.: 6.393 min
Delta R.T.: 0.025 min
Response: 4599624
Conc: 6.80 ng/ml



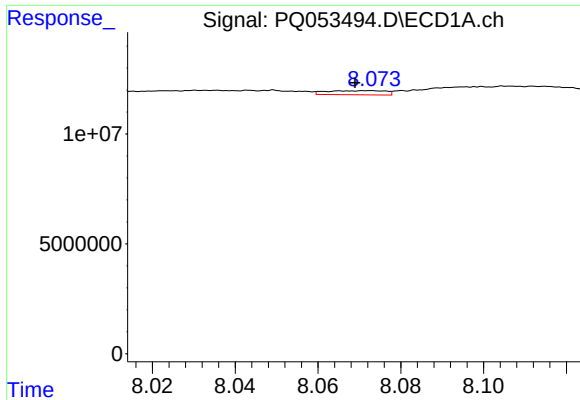
#27 AR-1254-2

R.T.: 7.674 min
Delta R.T.: -0.010 min
Response: 11058667
Conc: 7.33 ng/ml



#27 AR-1254-2

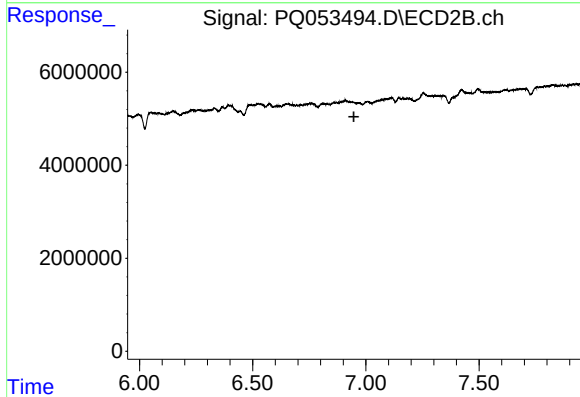
R.T.: 6.524 min
Delta R.T.: -0.002 min
Response: 2518988
Conc: 4.05 ng/ml



#28 AR-1254-3

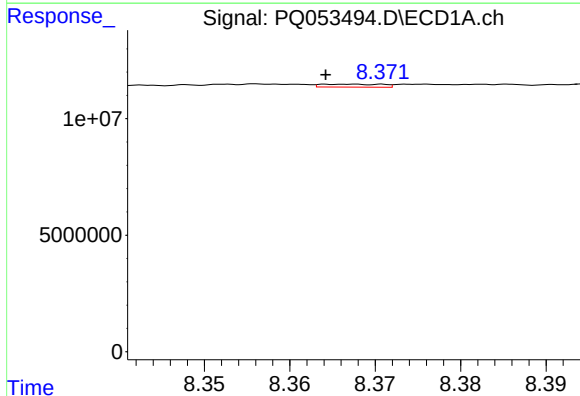
R.T.: 8.072 min
Delta R.T.: 0.003 min
Response: 1878018
Conc: 1.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



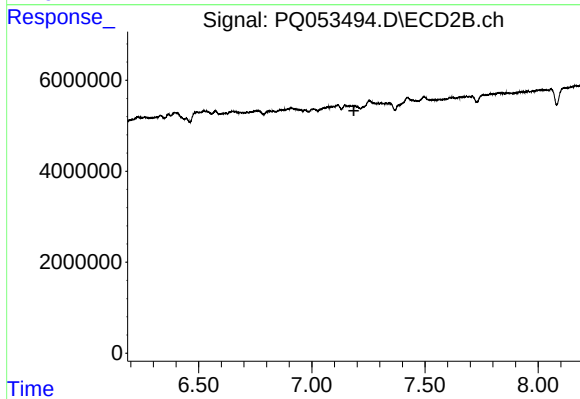
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T. : 6.947 min
Response: 0
Conc: N.D.



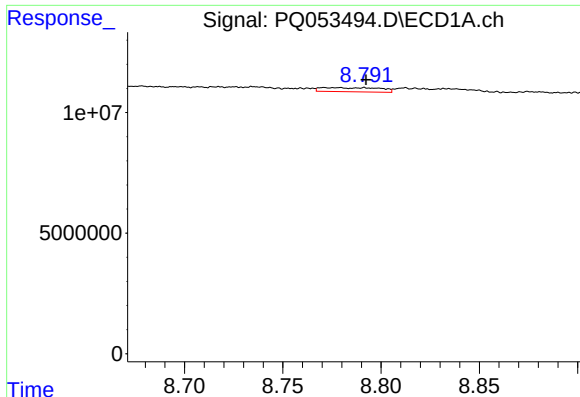
#29 AR-1254-4

R.T.: 8.366 min
Delta R.T.: 0.002 min
Response: 632448
Conc: 0.55 ng/ml



#29 AR-1254-4

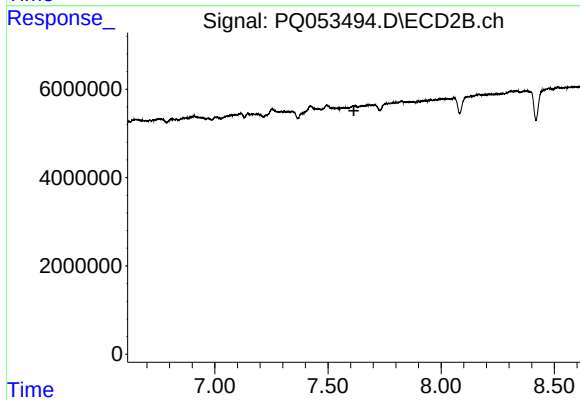
R.T.: 0.000 min
Exp R.T. : 7.186 min
Response: 0
Conc: N.D.



#30 AR-1254-5

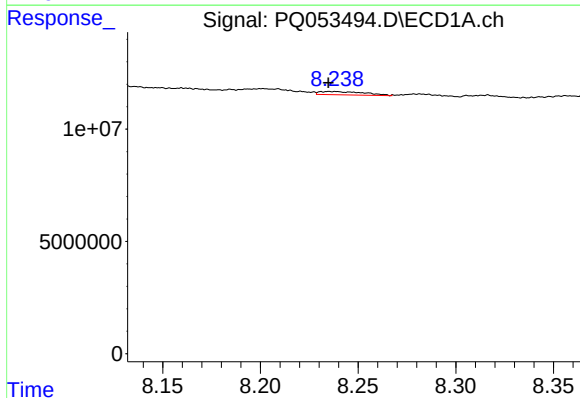
R.T.: 8.792 min
Delta R.T.: 0.000 min
Response: 3553849
Conc: 2.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



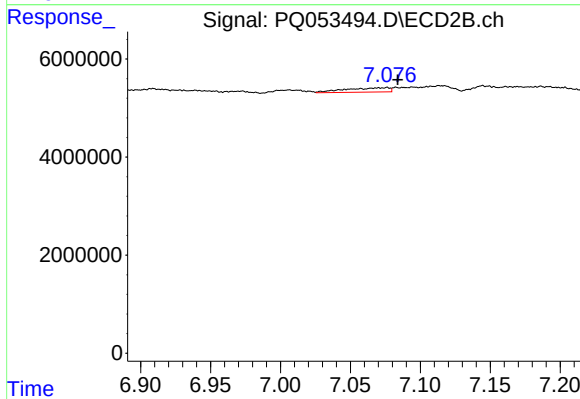
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 7.614 min
Response: 0
Conc: N.D.



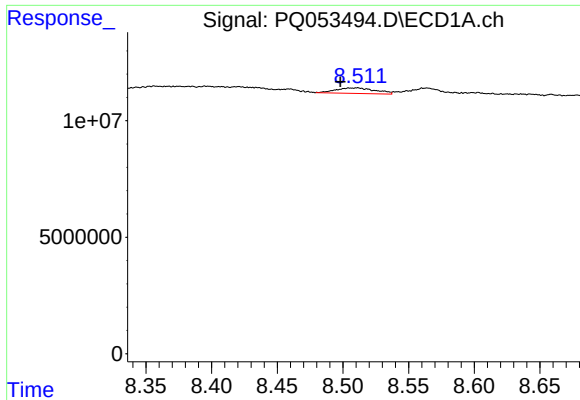
#31 AR-1260-1

R.T.: 8.236 min
Delta R.T.: 0.001 min
Response: 2348663
Conc: 1.72 ng/ml



#31 AR-1260-1

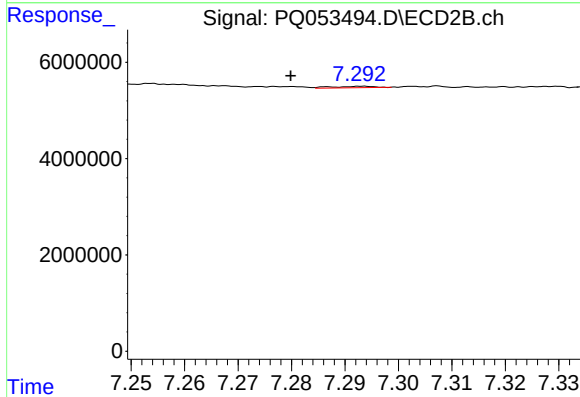
R.T.: 7.076 min
Delta R.T.: -0.008 min
Response: 1922470
Conc: 2.38 ng/ml



#32 AR-1260-2

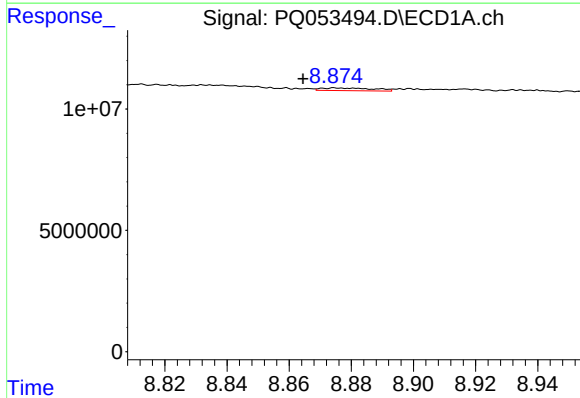
R.T.: 8.511 min
Delta R.T.: 0.013 min
Response: 4887281
Conc: 2.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



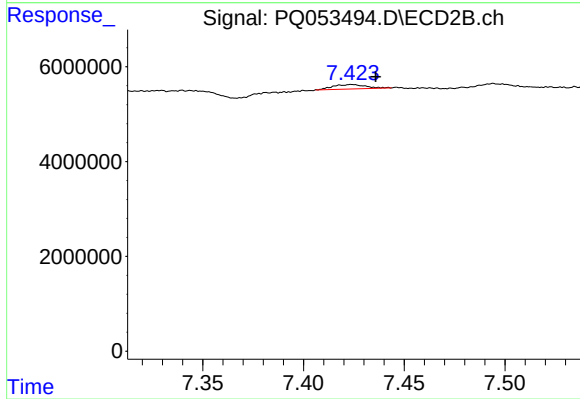
#32 AR-1260-2

R.T.: 7.293 min
Delta R.T.: 0.014 min
Response: 170844
Conc: 0.15 ng/ml



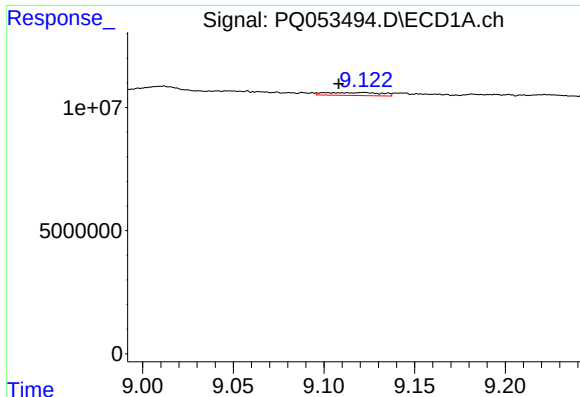
#33 AR-1260-3

R.T.: 8.875 min
Delta R.T.: 0.011 min
Response: 1311101
Conc: 1.09 ng/ml



#33 AR-1260-3

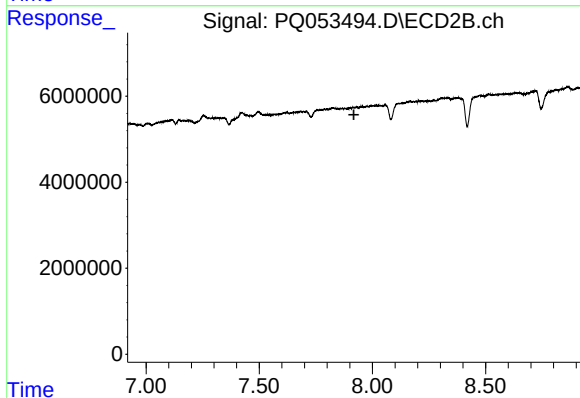
R.T.: 7.424 min
Delta R.T.: -0.012 min
Response: 1065343
Conc: 1.12 ng/ml



#34 AR-1260-4

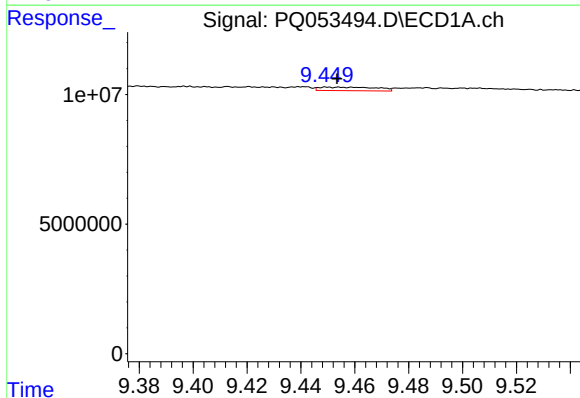
R.T.: 9.122 min
Delta R.T.: 0.014 min
Response: 2604248
Conc: 2.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



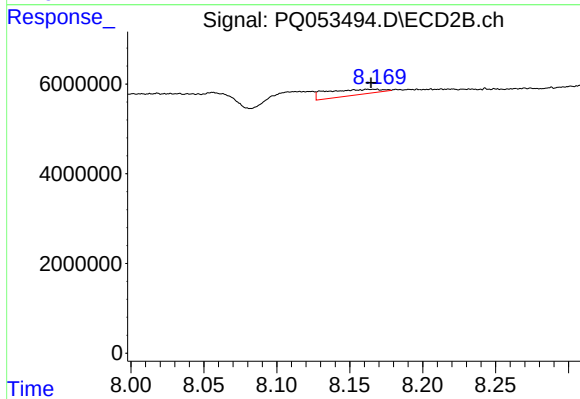
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 7.918 min
Response: 0
Conc: N.D.



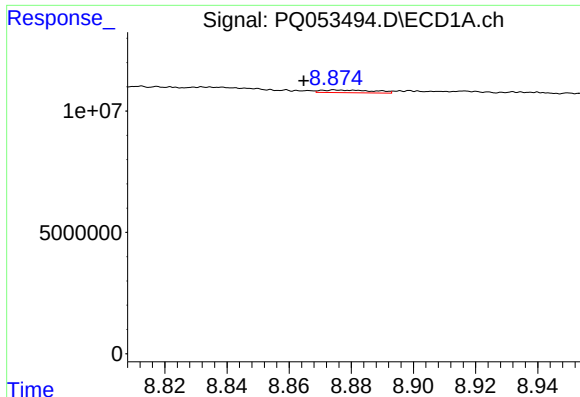
#35 AR-1260-5

R.T.: 9.450 min
Delta R.T.: -0.004 min
Response: 2018755
Conc: 0.73 ng/ml



#35 AR-1260-5

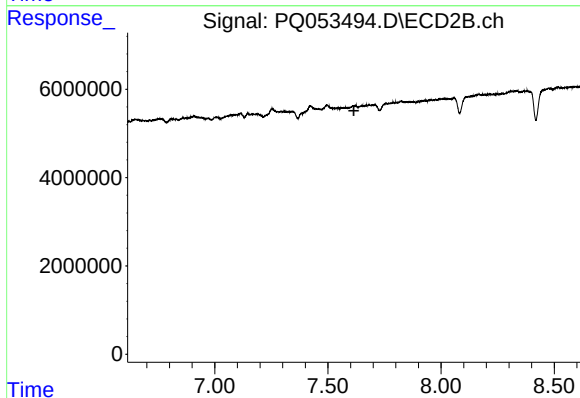
R.T.: 8.163 min
Delta R.T.: -0.002 min
Response: 3355405
Conc: 1.75 ng/ml



#36 AR-1262-1

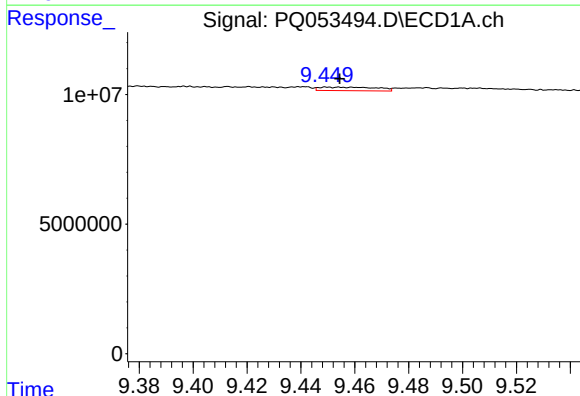
R.T.: 8.875 min
Delta R.T.: 0.010 min
Response: 1311101
Conc: 0.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



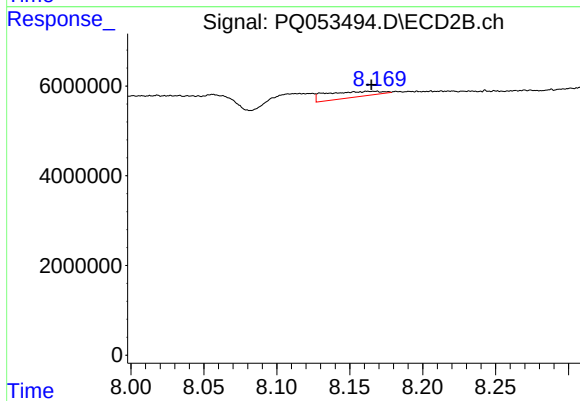
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 7.615 min
Response: 0
Conc: N.D.



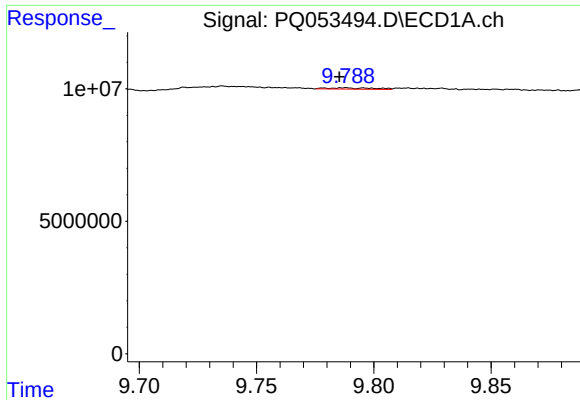
#37 AR-1262-2

R.T.: 9.450 min
Delta R.T.: -0.005 min
Response: 2018755
Conc: 0.67 ng/ml



#37 AR-1262-2

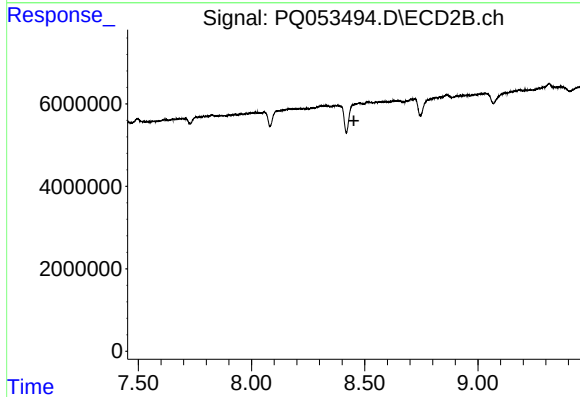
R.T.: 8.163 min
Delta R.T.: -0.002 min
Response: 3355405
Conc: 1.64 ng/ml



#38 AR-1262-3

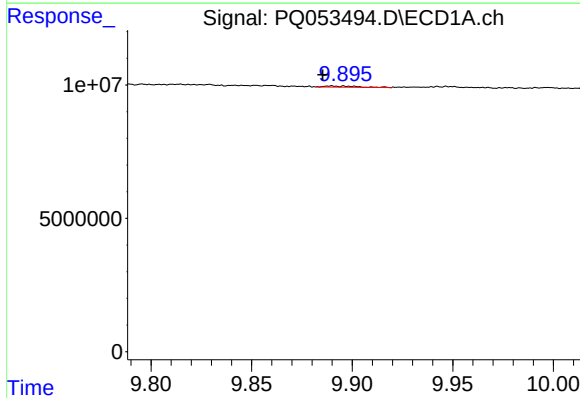
R.T.: 9.788 min
Delta R.T.: 0.003 min
Response: 690032
Conc: 0.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



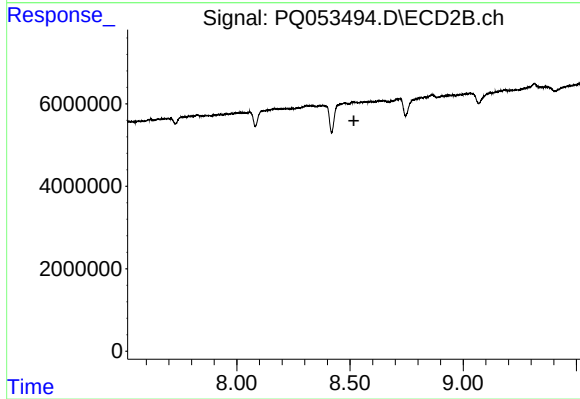
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.452 min
Response: 0
Conc: N.D.



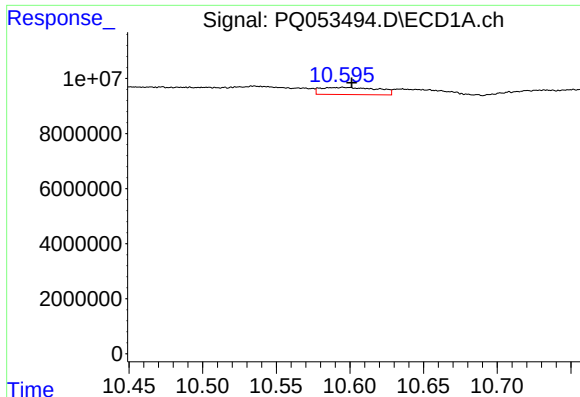
#39 AR-1262-4

R.T.: 9.890 min
Delta R.T.: 0.004 min
Response: 519356
Conc: 0.30 ng/ml



#39 AR-1262-4

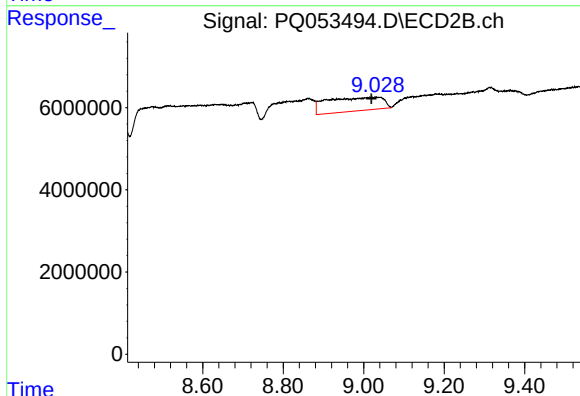
R.T.: 0.000 min
Exp R.T. : 8.517 min
Response: 0
Conc: N.D.



#40 AR-1262-5

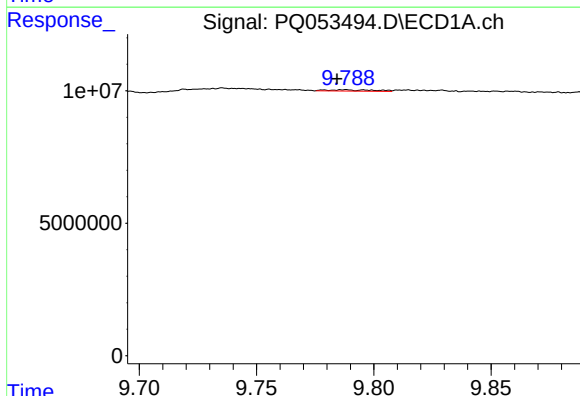
R.T.: 10.595 min
Delta R.T.: -0.006 min
Response: 7020390
Conc: 6.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



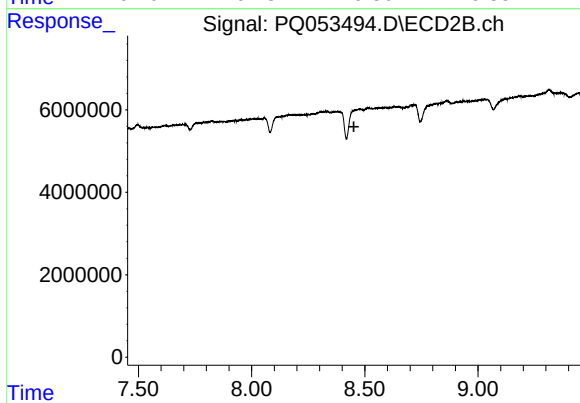
#40 AR-1262-5

R.T.: 9.029 min
Delta R.T.: 0.010 min
Response: 31940522
Conc: 51.81 ng/ml



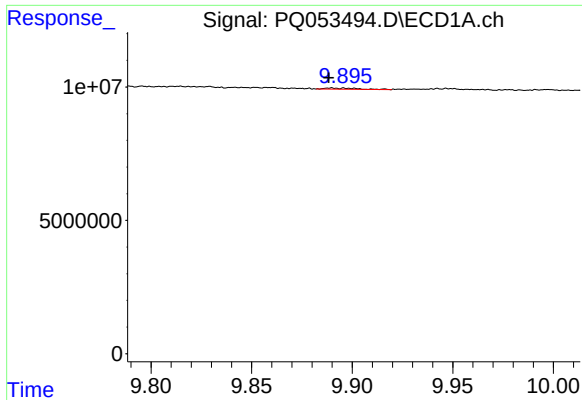
#41 AR-1268-1

R.T.: 9.788 min
Delta R.T.: 0.004 min
Response: 690032
Conc: 0.20 ng/ml



#41 AR-1268-1

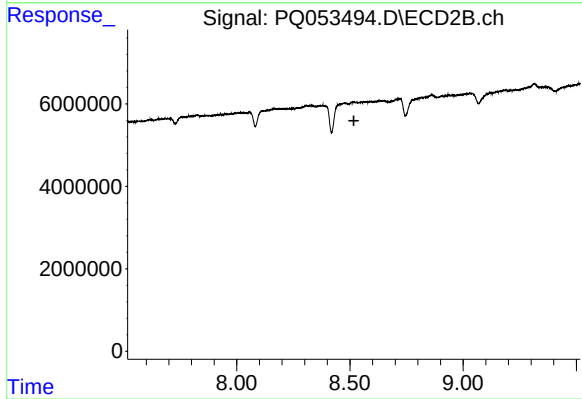
R.T.: 0.000 min
Exp R.T.: 8.452 min
Response: 0
Conc: N.D.



#42 AR-1268-2

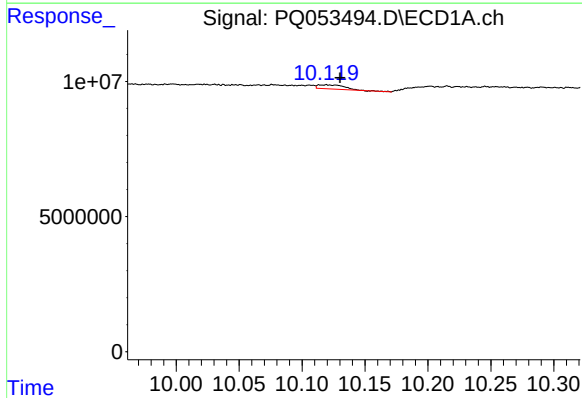
R.T.: 9.890 min
Delta R.T.: 0.001 min
Response: 519356
Conc: 0.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



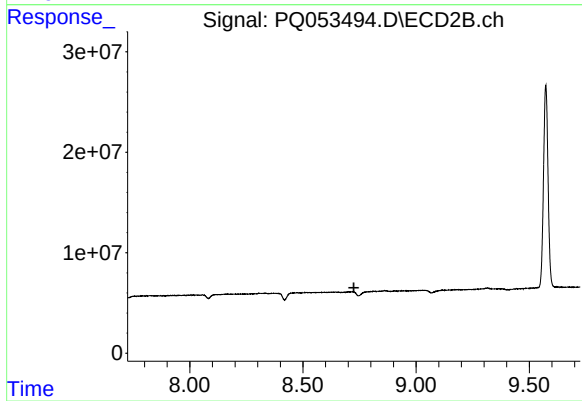
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.518 min
Response: 0
Conc: N.D.



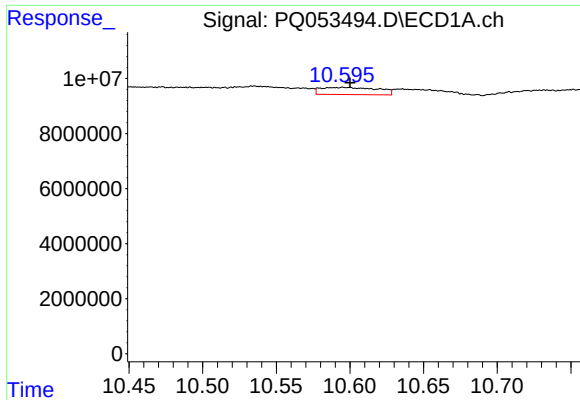
#43 AR-1268-3

R.T.: 10.120 min
Delta R.T.: -0.011 min
Response: 2240267
Conc: 0.76 ng/ml



#43 AR-1268-3

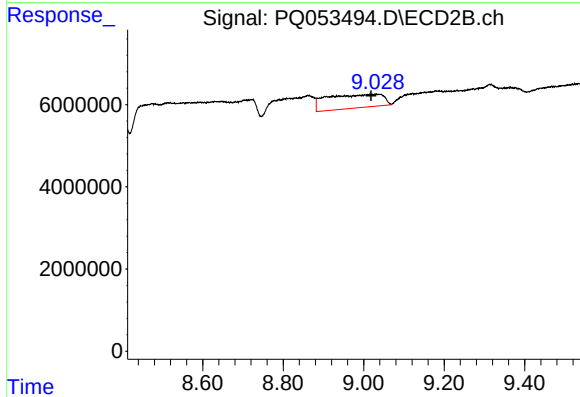
R.T.: 0.000 min
Exp R.T. : 8.725 min
Response: 0
Conc: N.D.



#44 AR-1268-4

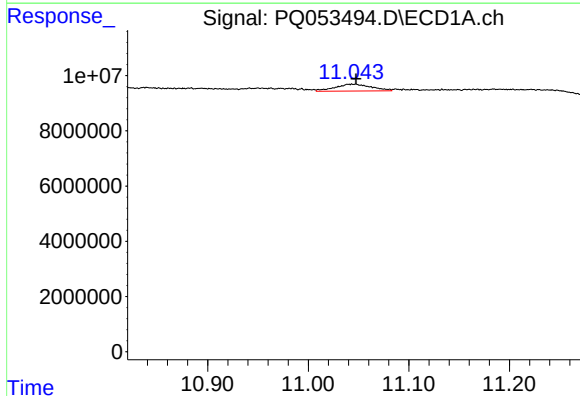
R.T.: 10.595 min
Delta R.T.: -0.005 min
Response: 7020390
Conc: 6.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



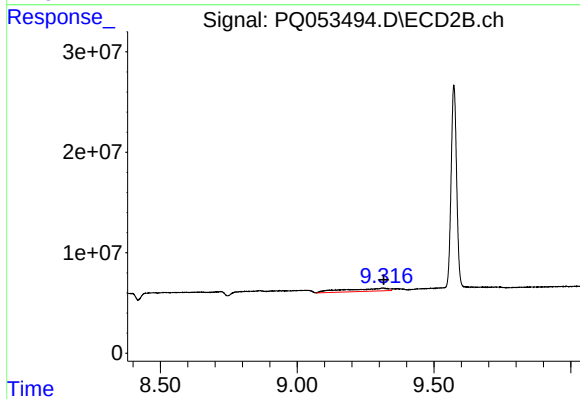
#44 AR-1268-4

R.T.: 9.029 min
Delta R.T.: 0.010 min
Response: 31940522
Conc: 49.88 ng/ml



#45 AR-1268-5

R.T.: 11.047 min
Delta R.T.: 0.000 min
Response: 6308210
Conc: 0.67 ng/ml



#45 AR-1268-5

R.T.: 9.316 min
Delta R.T.: 0.000 min
Response: 32487328
Conc: 6.71 ng/ml