

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR101318\
 Data File : PR032852.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Oct 2018 16:19
 Operator : SM\SJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 I.BLK

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 12 22:41:20 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR101118.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 12 12:00:10 2018
 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...	4.483	3.751	387.8E6	1066.2E6	24.449	23.362
2)	SA Decachlor...	10.125	8.748	226.3E6	788.1E6	17.994	17.416
Target Compounds							
3)	L1 AR-1016-1	5.640	0.000	1630621	0	2.427	N.D. #
4)	L1 AR-1016-2	5.640	0.000	1630621	0	1.600	N.D. #
5)	L1 AR-1016-3	5.687	4.986	1577083	1550995	2.503	0.987 #
6)	L1 AR-1016-4	5.817	0.000	89991	0	0.172	N.D. #
7)	L1 AR-1016-5	6.126	0.000	2726837	0	5.210	N.D. #
8)	L2 AR-1221-1	4.738	0.000	356201	0	1.982	N.D. #
9)	L2 AR-1221-2	4.828	4.050	287769	22083799	2.089	59.570 #
10)	L2 AR-1221-3	4.894	0.000	390866	0	0.935	N.D. #
11)	L3 AR-1232-1	4.894	0.000	390866	0	1.150	N.D. #
12)	L3 AR-1232-2	5.414	0.000	573075	0	3.582	N.D. #
13)	L3 AR-1232-3	5.687	4.986	1577083	1550995	4.068	2.780 #
14)	L3 AR-1232-4	5.875	0.000	84556	0	0.429	N.D. #
15)	L3 AR-1232-5	5.926	0.000	542858	0	3.745	N.D. #
16)	L4 AR-1242-1	5.670	0.000	1095011	0	2.267	N.D. #
17)	L4 AR-1242-2	5.687	0.000	1577083	0	2.328	N.D. #
18)	L4 AR-1242-3	5.764	4.986	482726	1550995	1.146	1.487 #
19)	L4 AR-1242-4	5.875	0.000	84556	0	0.242	N.D. #
20)	L4 AR-1242-5	6.584	5.659	449041	6270520	1.105	4.947 #
21)	L5 AR-1248-1	5.670	0.000	1095011	0	2.678	N.D. #
22)	L5 AR-1248-2	5.926	0.000	542858	0	0.961	N.D. #
23)	L5 AR-1248-3	6.146	0.000	11329624	0	17.187	N.D. #
24)	L5 AR-1248-4	6.528	0.000	2794172	0	3.759	N.D. #
25)	L5 AR-1248-5	6.584	5.659	449041	6270520	0.627	3.467 #
26)	L6 AR-1254-1	6.528	5.659	2794172	6270520	3.714	2.073 #
27)	L6 AR-1254-2	6.716	5.782	995149	17920965	0.910	6.474 #
28)	L6 AR-1254-3	7.050	6.188	21711360	78077397	18.103	15.377
29)	L6 AR-1254-4	7.394	0.000	469497	0	0.538	N.D. #
30)	L6 AR-1254-5	7.739	6.887	10813364	43825898	11.650	10.105
31)	L7 AR-1260-1	7.195	6.254	14812646	66824955	15.288	19.891 #
32)	L7 AR-1260-2	7.461	0.000	785618	0	0.698	N.D. #
35)	L7 AR-1260-5	8.353	7.351	2268201	27809975	1.682	3.559 #
36)	L8 AR-1262-1	0.000	6.887	0	43825898	N.D.	13.428 #
37)	L8 AR-1262-2	8.407	7.351	2100546	27809975	1.748	4.157 #
38)	L8 AR-1262-3	8.673	7.677	4309460	89897824	4.820	33.488 #
39)	L8 AR-1262-4	0.000	7.677	0	89897824	N.D.	18.803 #
40)	L8 AR-1262-5	9.445	8.231	1428459	39859368	2.727	19.617 #
41)	L9 AR-1268-1	8.673	7.677	4309460	89897824	2.277	9.475 #
42)	L9 AR-1268-2	0.000	7.677	0	89897824	N.D.	10.231 #
43)	L9 AR-1268-3	8.976	7.908	2248915	-6124023	1.382	N.D. #
44)	L9 AR-1268-4	9.445	8.231	1428459	39859368	1.958	13.745 #

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Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 12 12:00:10 2018
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	
45) L9	AR-1268-5	9.878	0.000	1179885	0	0.219	N.D.	#

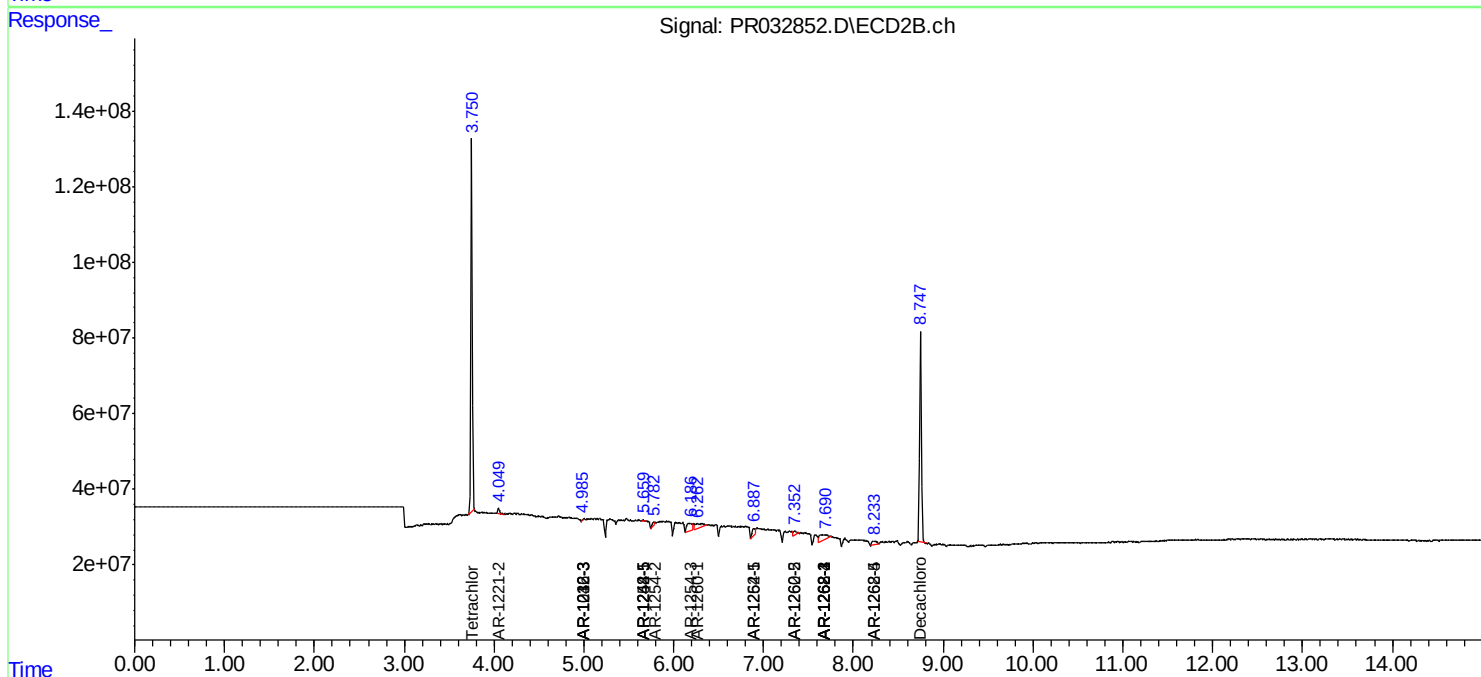
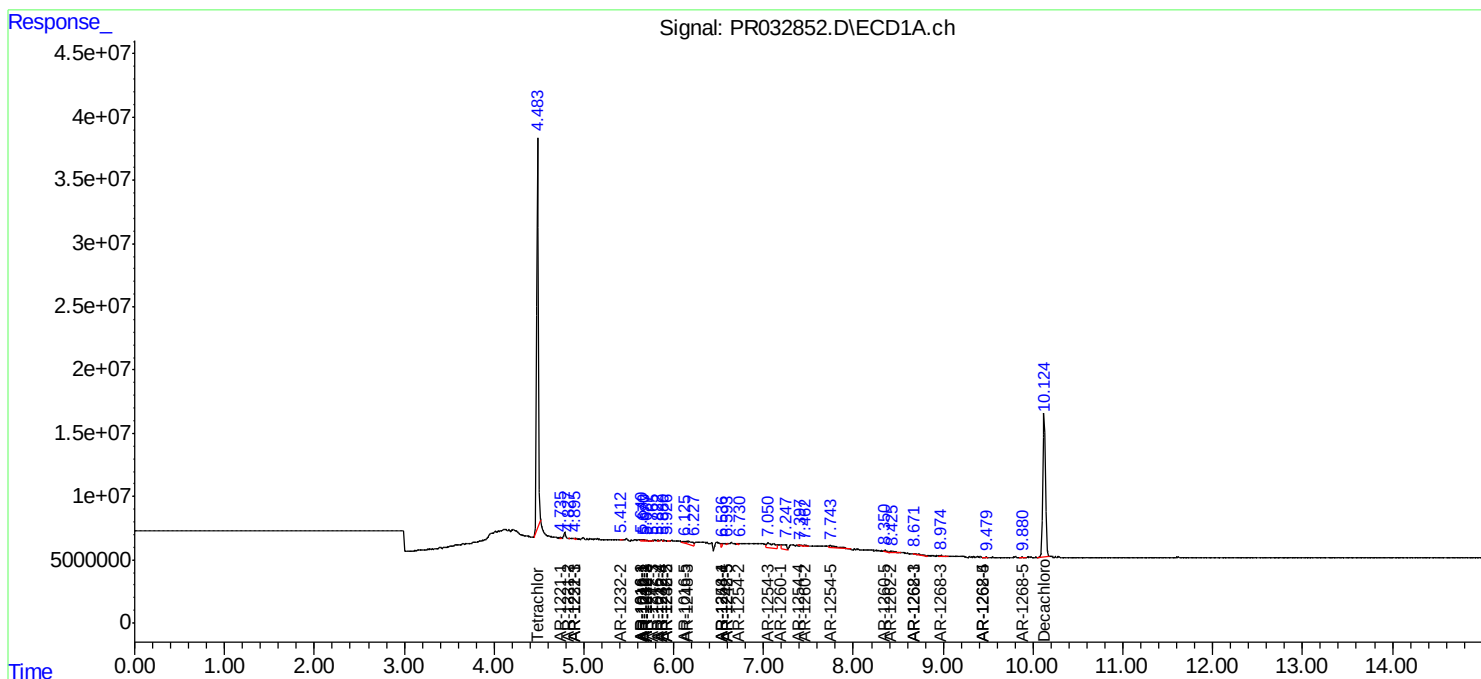
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

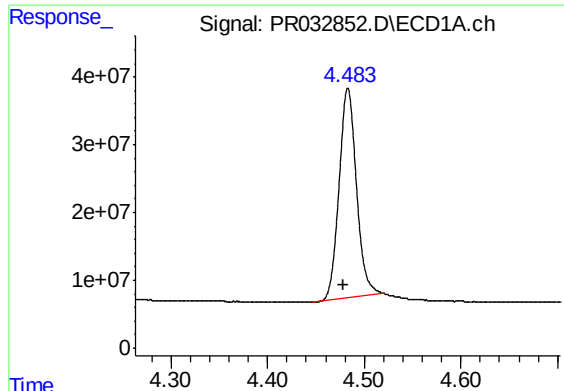
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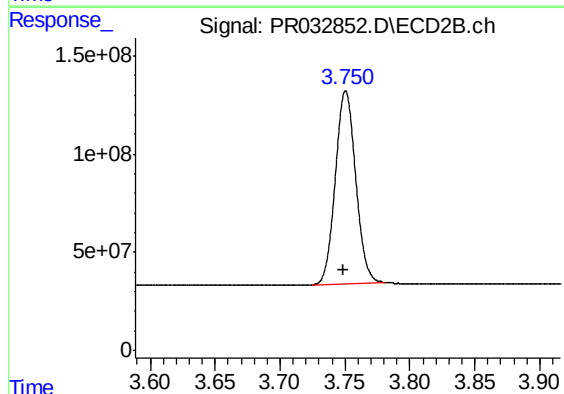




#1 Tetrachloro-m-xylene

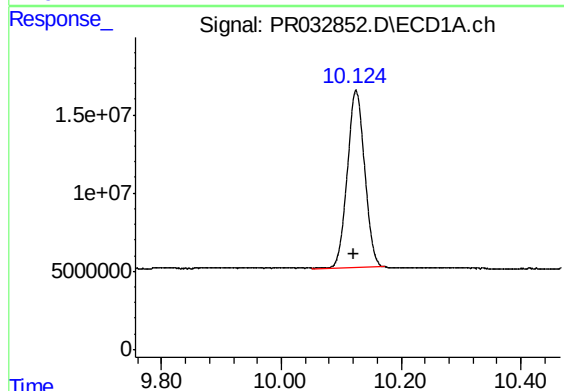
R.T.: 4.483 min
Delta R.T.: 0.004 min
Response: 387808806
Conc: 24.45 ng/ml

Instrument :
ECD_R
ClientSampleId :
I.BLK



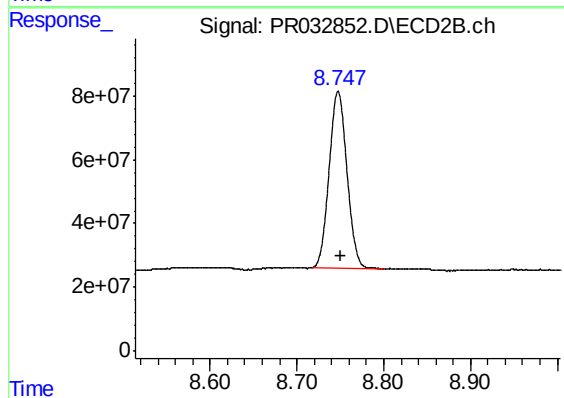
#1 Tetrachloro-m-xylene

R.T.: 3.751 min
Delta R.T.: 0.002 min
Response: 1066247995
Conc: 23.36 ng/ml



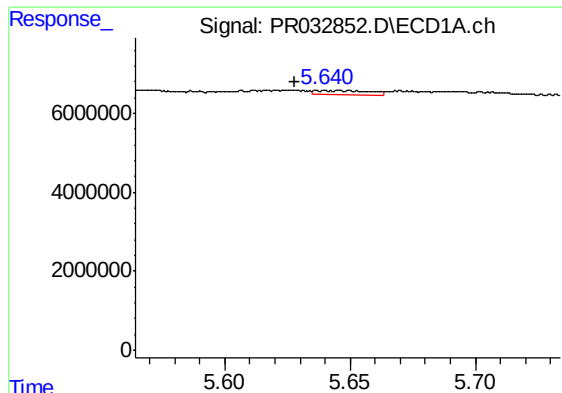
#2 Decachlorobiphenyl

R.T.: 10.125 min
Delta R.T.: 0.005 min
Response: 226329959
Conc: 17.99 ng/ml



#2 Decachlorobiphenyl

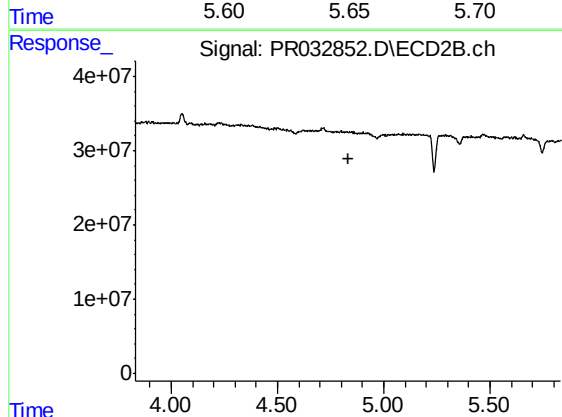
R.T.: 8.748 min
Delta R.T.: -0.003 min
Response: 788063827
Conc: 17.42 ng/ml



#3 AR-1016-1

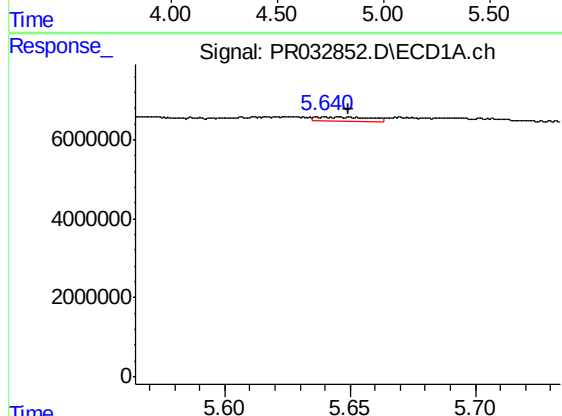
R.T.: 5.640 min
Delta R.T.: 0.012 min
Response: 1630621
Conc: 2.43 ng/ml

Instrument :
ECD_R
ClientSampleId :
I.BLK



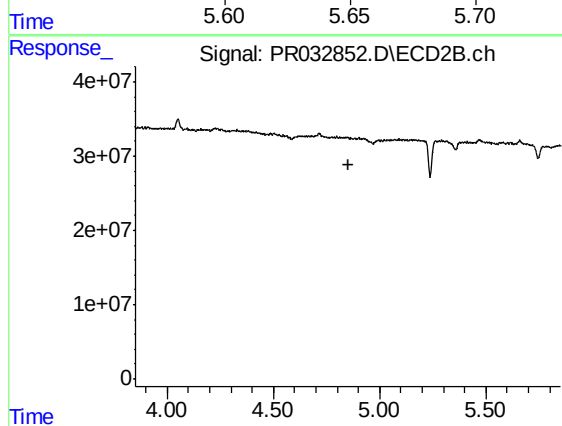
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.832 min
Response: 0
Conc: N.D.



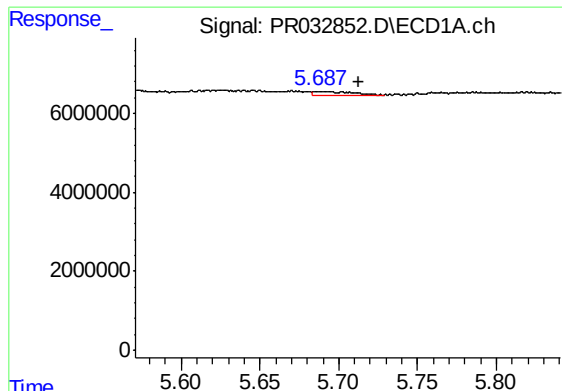
#4 AR-1016-2

R.T.: 5.640 min
Delta R.T.: -0.010 min
Response: 1630621
Conc: 1.60 ng/ml



#4 AR-1016-2

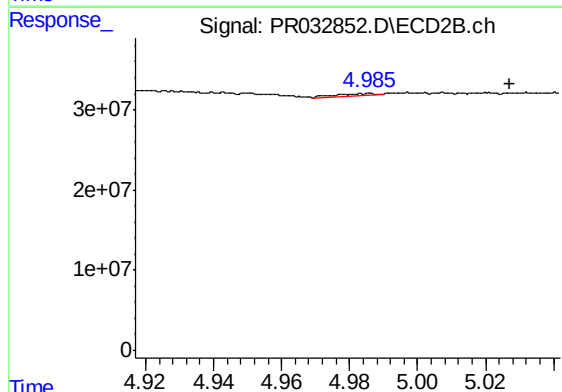
R.T.: 0.000 min
Exp R.T. : 4.851 min
Response: 0
Conc: N.D.



#5 AR-1016-3

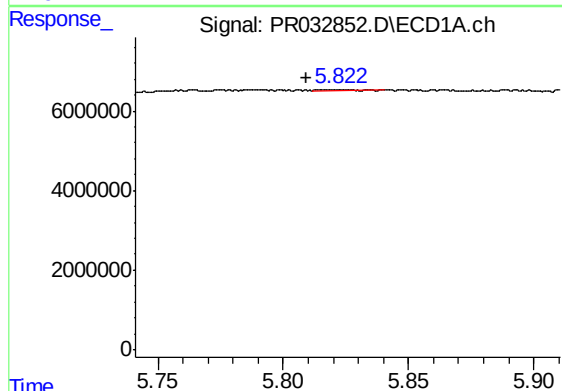
R.T.: 5.687 min
Delta R.T.: -0.026 min
Response: 1577083
Conc: 2.50 ng/ml

Instrument :
ECD_R
ClientSampleId :
I.BLK



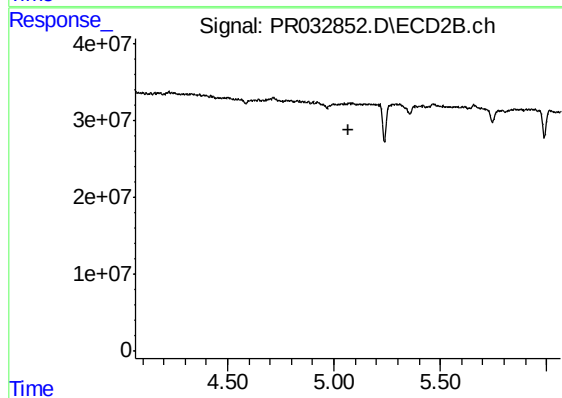
#5 AR-1016-3

R.T.: 4.986 min
Delta R.T.: -0.041 min
Response: 1550995
Conc: 0.99 ng/ml



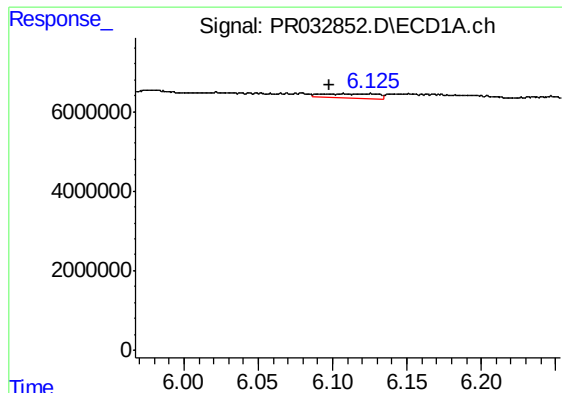
#6 AR-1016-4

R.T.: 5.817 min
Delta R.T.: 0.007 min
Response: 89991
Conc: 0.17 ng/ml



#6 AR-1016-4

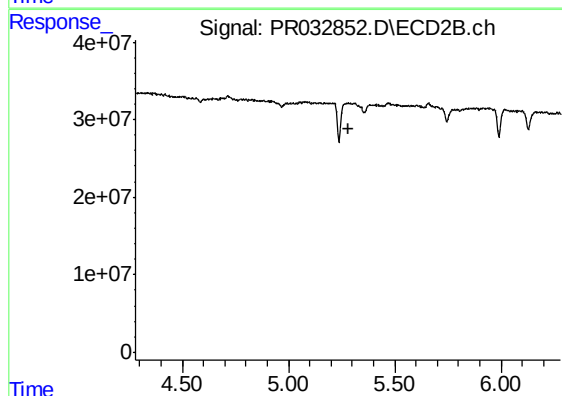
R.T.: 0.000 min
Exp R.T. : 5.066 min
Response: 0
Conc: N.D.



#7 AR-1016-5

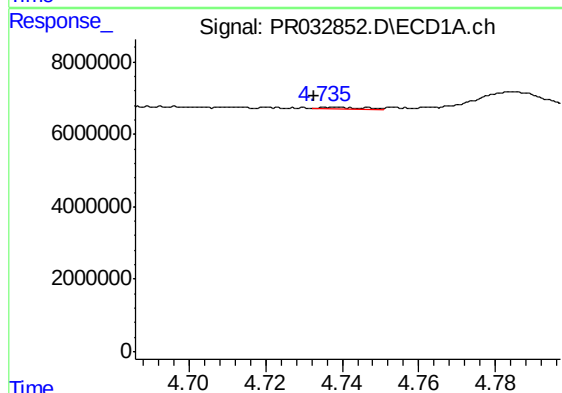
R.T.: 6.126 min
Delta R.T.: 0.028 min
Response: 2726837
Conc: 5.21 ng/ml

Instrument :
ECD_R
ClientSampleId :
I.BLK



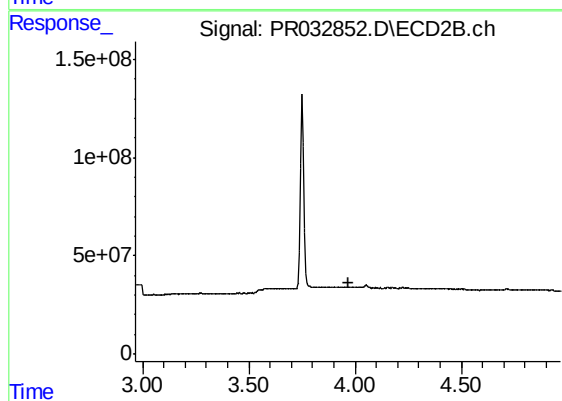
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.280 min
Response: 0
Conc: N.D.



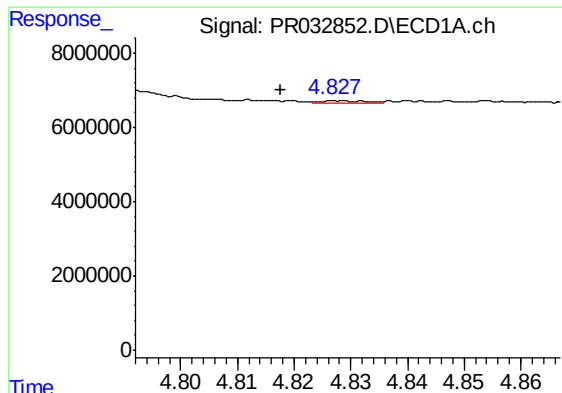
#8 AR-1221-1

R.T.: 4.738 min
Delta R.T.: 0.005 min
Response: 356201
Conc: 1.98 ng/ml



#8 AR-1221-1

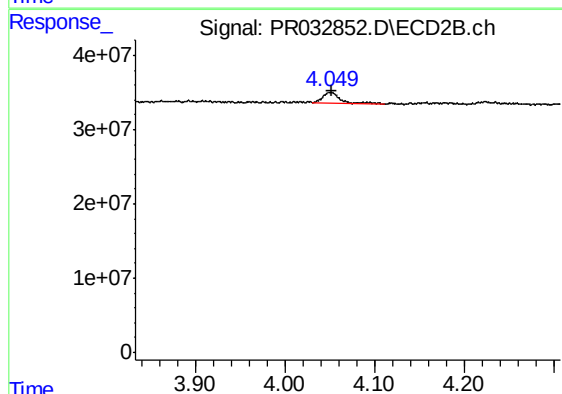
R.T.: 0.000 min
Exp R.T. : 3.967 min
Response: 0
Conc: N.D.



#9 AR-1221-2

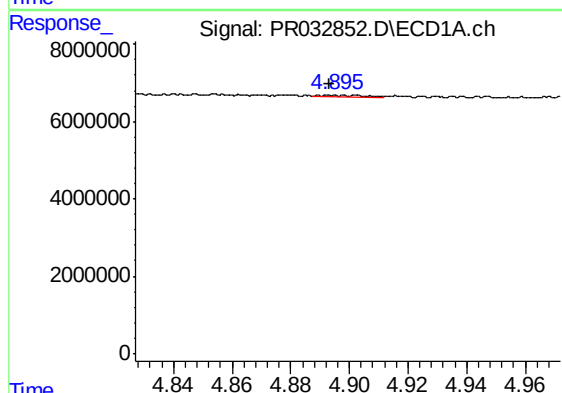
R.T.: 4.828 min
Delta R.T.: 0.010 min
Response: 287769
Conc: 2.09 ng/ml

Instrument :
ECD_R
ClientSampleId :
I.BLK



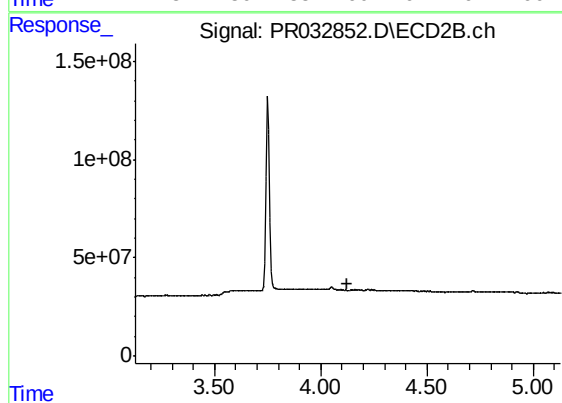
#9 AR-1221-2

R.T.: 4.050 min
Delta R.T.: -0.002 min
Response: 22083799
Conc: 59.57 ng/ml



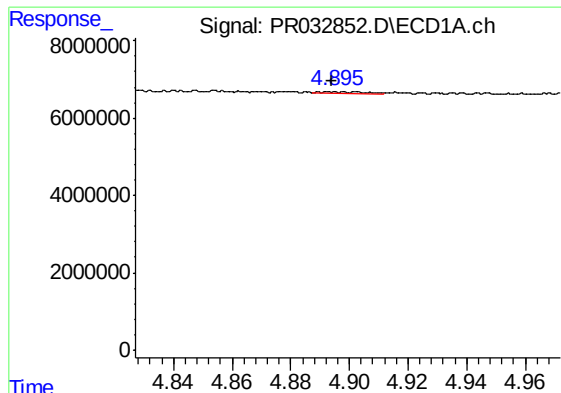
#10 AR-1221-3

R.T.: 4.894 min
Delta R.T.: 0.000 min
Response: 390866
Conc: 0.94 ng/ml



#10 AR-1221-3

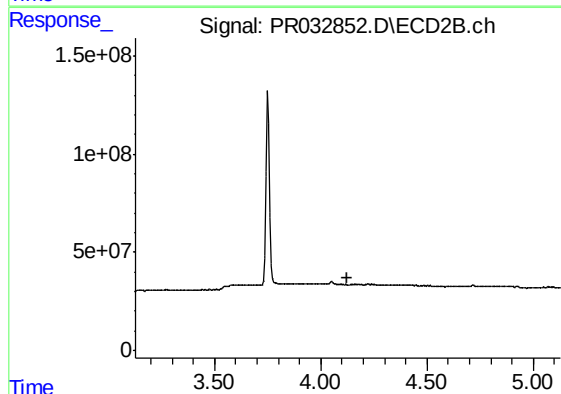
R.T.: 0.000 min
Exp R.T. : 4.128 min
Response: 0
Conc: N.D.



#11 AR-1232-1

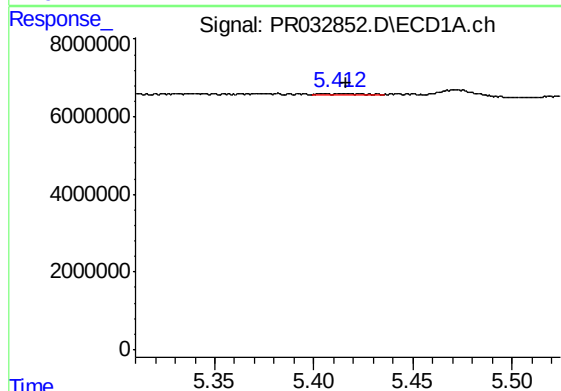
R.T.: 4.894 min
Delta R.T.: 0.000 min
Response: 390866
Conc: 1.15 ng/ml

Instrument :
ECD_R
ClientSampleId :
I.BLK



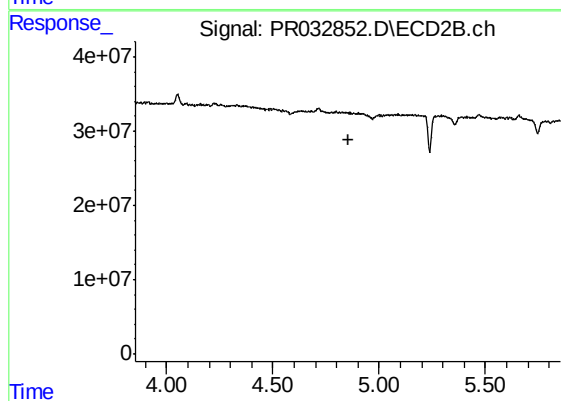
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.128 min
Response: 0
Conc: N.D.



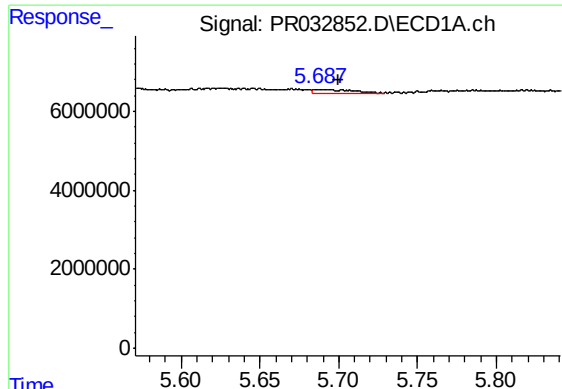
#12 AR-1232-2

R.T.: 5.414 min
Delta R.T.: -0.002 min
Response: 573075
Conc: 3.58 ng/ml



#12 AR-1232-2

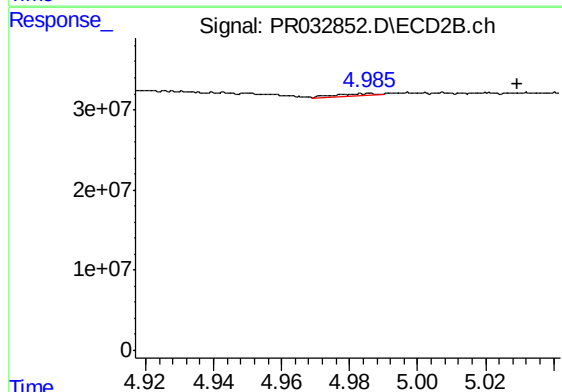
R.T.: 0.000 min
Exp R.T. : 4.853 min
Response: 0
Conc: N.D.



#13 AR-1232-3

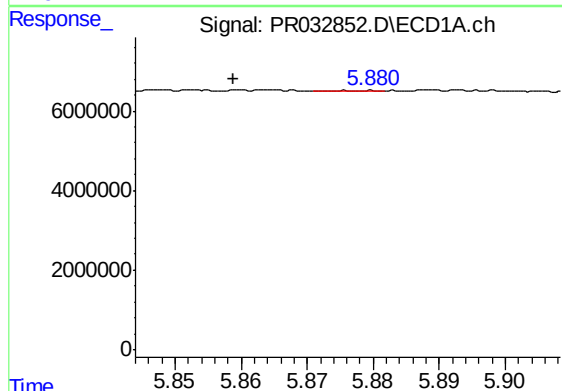
R.T.: 5.687 min
Delta R.T.: -0.013 min
Response: 1577083
Conc: 4.07 ng/ml

Instrument :
ECD_R
ClientSampleId :
I.BLK



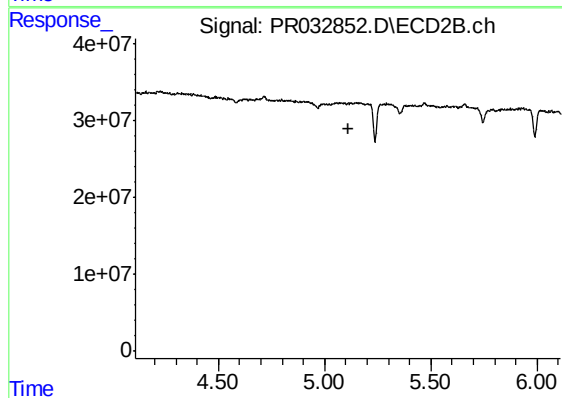
#13 AR-1232-3

R.T.: 4.986 min
Delta R.T.: -0.043 min
Response: 1550995
Conc: 2.78 ng/ml



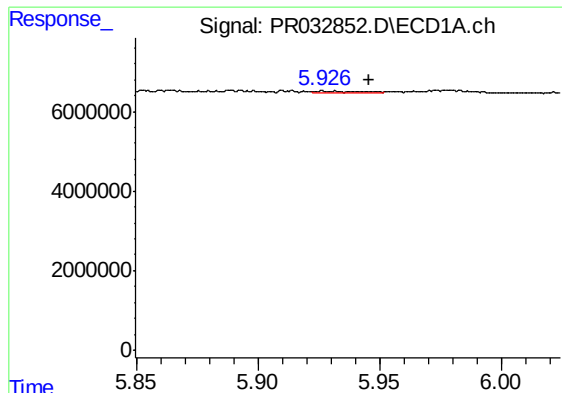
#14 AR-1232-4

R.T.: 5.875 min
Delta R.T.: 0.016 min
Response: 84556
Conc: 0.43 ng/ml



#14 AR-1232-4

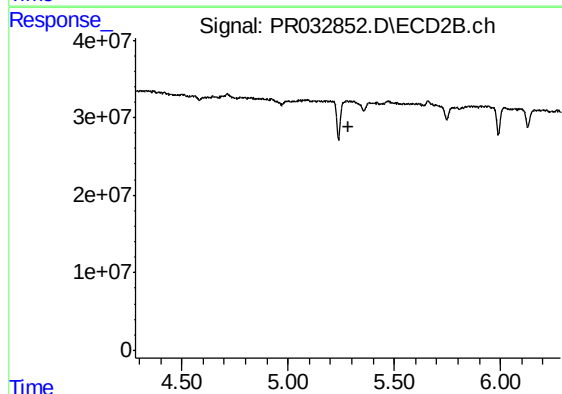
R.T.: 0.000 min
Exp R.T. : 5.110 min
Response: 0
Conc: N.D.



#15 AR-1232-5

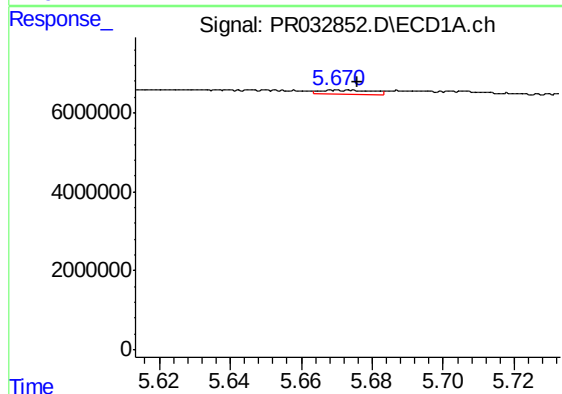
R.T.: 5.926 min
Delta R.T.: -0.019 min
Response: 542858
Conc: 3.74 ng/ml

Instrument :
ECD_R
ClientSampleId :
I.BLK



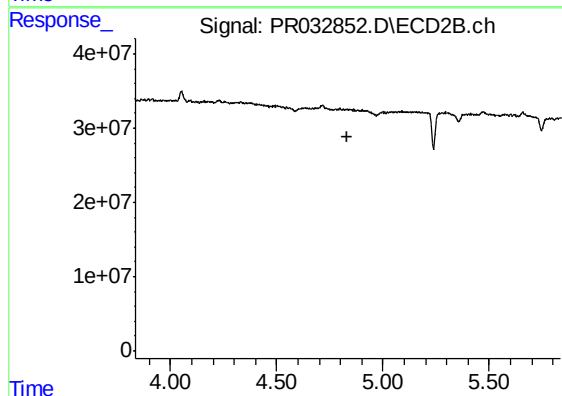
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.282 min
Response: 0
Conc: N.D.



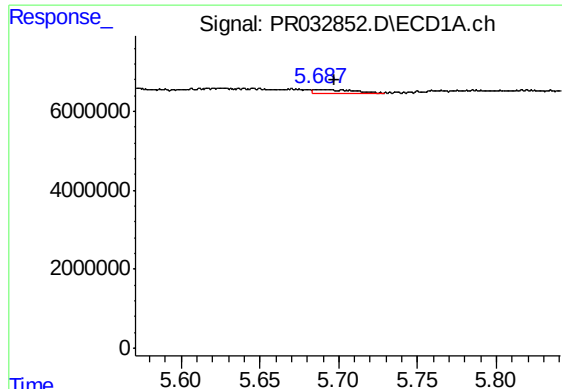
#16 AR-1242-1

R.T.: 5.670 min
Delta R.T.: -0.006 min
Response: 1095011
Conc: 2.27 ng/ml



#16 AR-1242-1

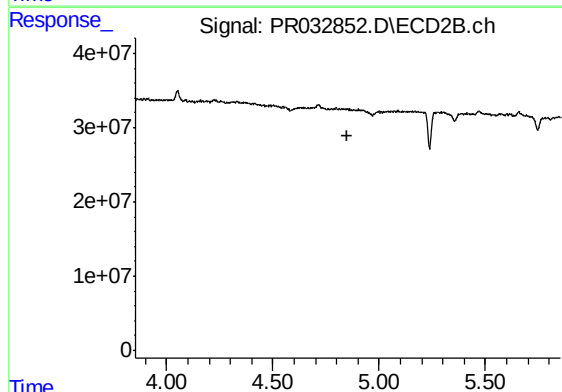
R.T.: 0.000 min
Exp R.T. : 4.835 min
Response: 0
Conc: N.D.



#17 AR-1242-2

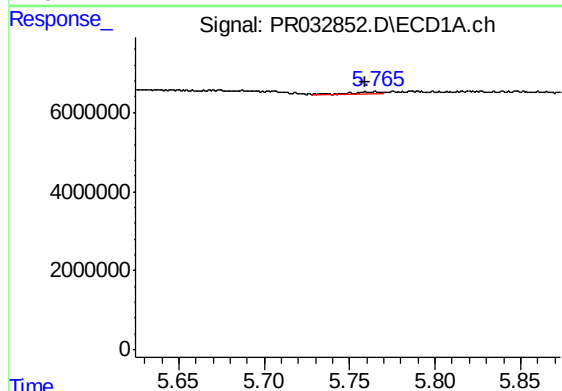
R.T.: 5.687 min
Delta R.T.: -0.011 min
Response: 1577083
Conc: 2.33 ng/ml

Instrument :
ECD_R
ClientSampleId :
I.BLK



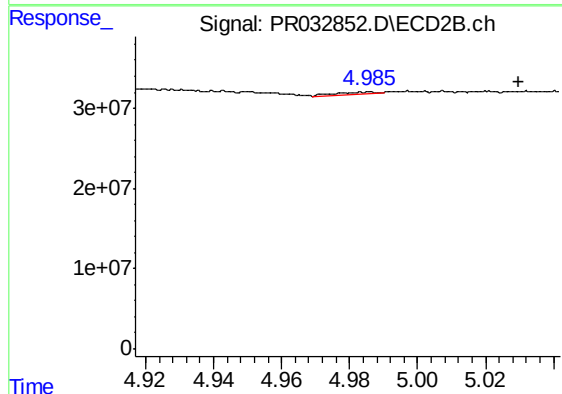
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.853 min
Response: 0
Conc: N.D.



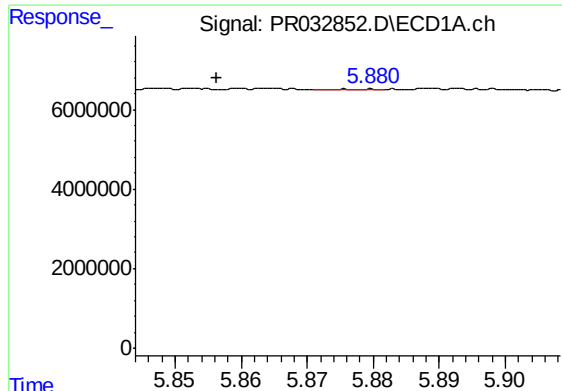
#18 AR-1242-3

R.T.: 5.764 min
Delta R.T.: 0.005 min
Response: 482726
Conc: 1.15 ng/ml



#18 AR-1242-3

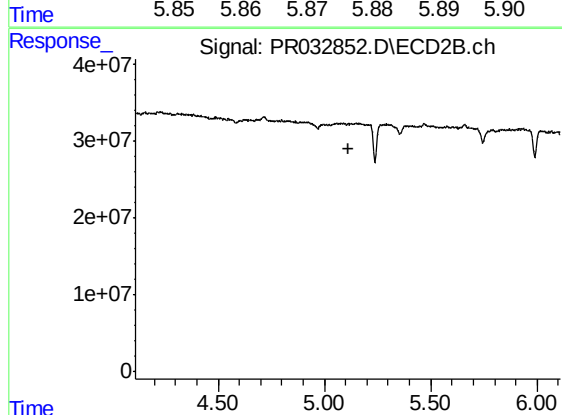
R.T.: 4.986 min
Delta R.T.: -0.044 min
Response: 1550995
Conc: 1.49 ng/ml



#19 AR-1242-4

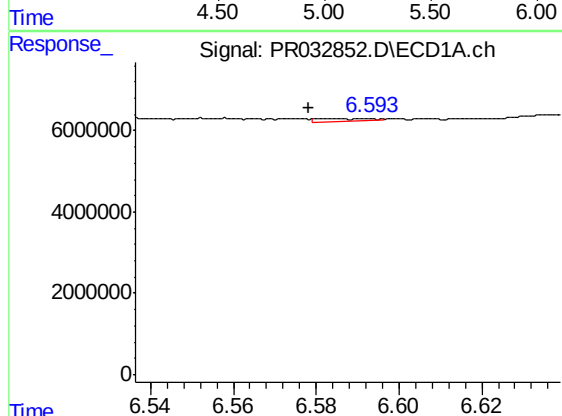
R.T.: 5.875 min
Delta R.T.: 0.019 min
Response: 84556
Conc: 0.24 ng/ml

Instrument :
ECD_R
ClientSampleId :
I.BLK



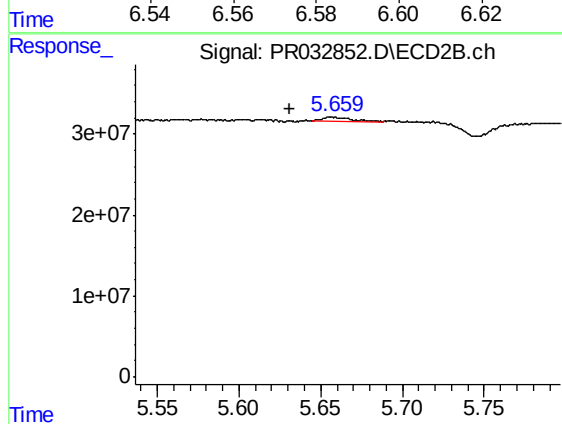
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 5.111 min
Response: 0
Conc: N.D.



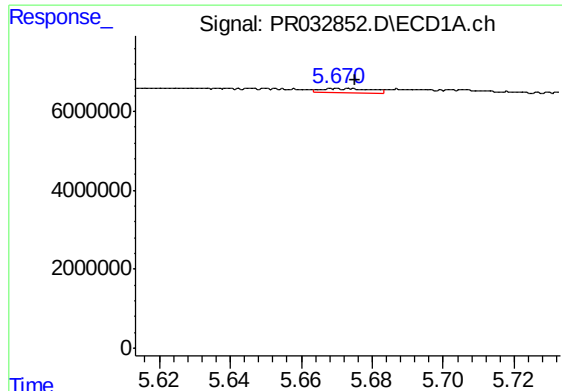
#20 AR-1242-5

R.T.: 6.584 min
Delta R.T.: 0.006 min
Response: 449041
Conc: 1.11 ng/ml



#20 AR-1242-5

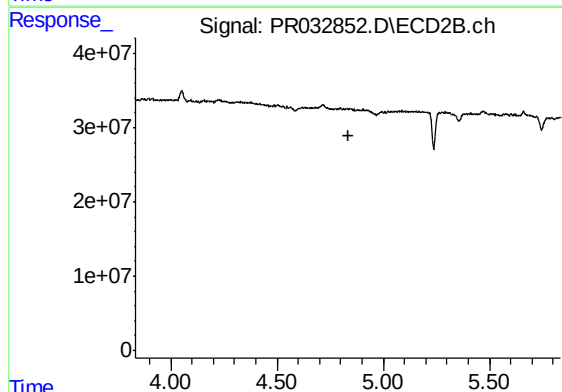
R.T.: 5.659 min
Delta R.T.: 0.028 min
Response: 6270520
Conc: 4.95 ng/ml



#21 AR-1248-1

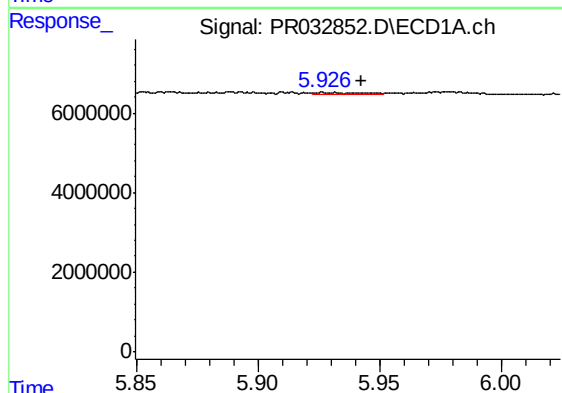
R.T.: 5.670 min
Delta R.T.: -0.005 min
Response: 1095011
Conc: 2.68 ng/ml

Instrument :
ECD_R
ClientSampleId :
I.BLK



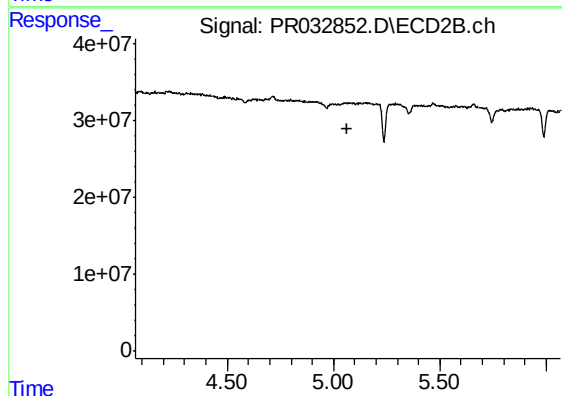
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.834 min
Response: 0
Conc: N.D.



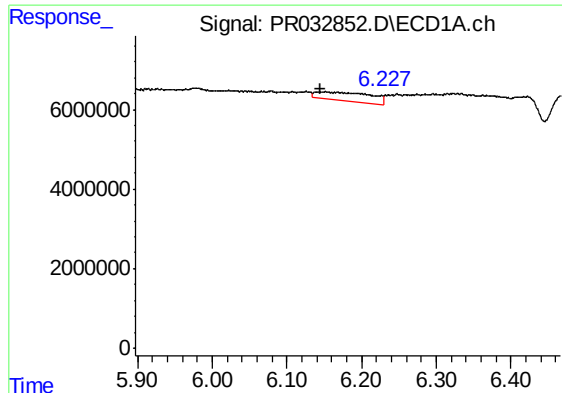
#22 AR-1248-2

R.T.: 5.926 min
Delta R.T.: -0.016 min
Response: 542858
Conc: 0.96 ng/ml



#22 AR-1248-2

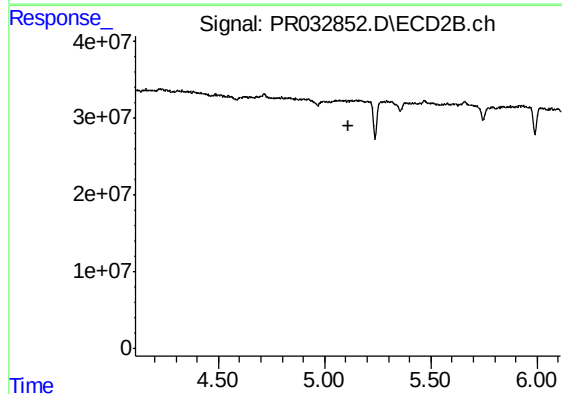
R.T.: 0.000 min
Exp R.T. : 5.068 min
Response: 0
Conc: N.D.



#23 AR-1248-3

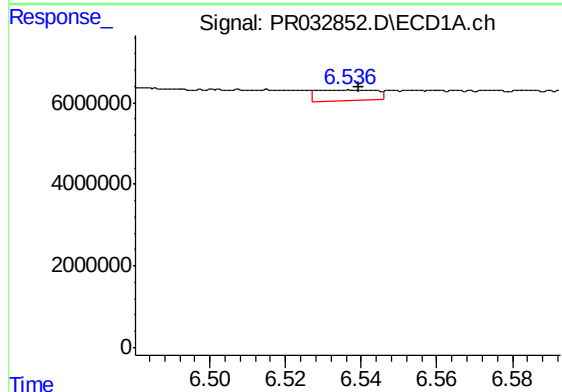
R.T.: 6.146 min
Delta R.T.: 0.001 min
Response: 11329624
Conc: 17.19 ng/ml

Instrument :
ECD_R
ClientSampleId :
I.BLK



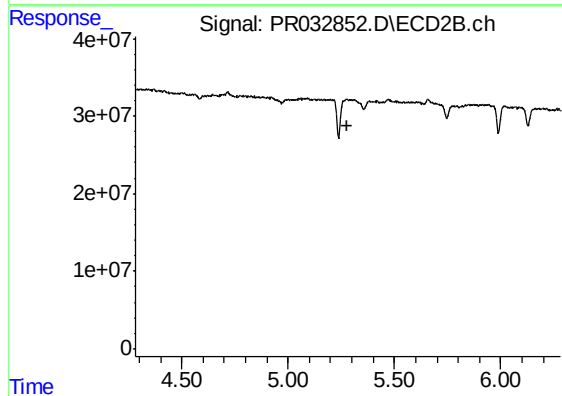
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 5.110 min
Response: 0
Conc: N.D.



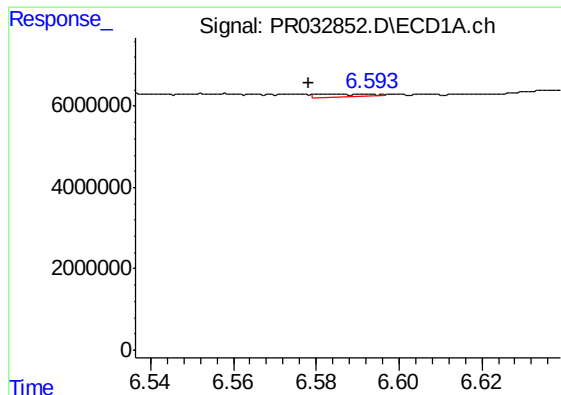
#24 AR-1248-4

R.T.: 6.528 min
Delta R.T.: -0.011 min
Response: 2794172
Conc: 3.76 ng/ml



#24 AR-1248-4

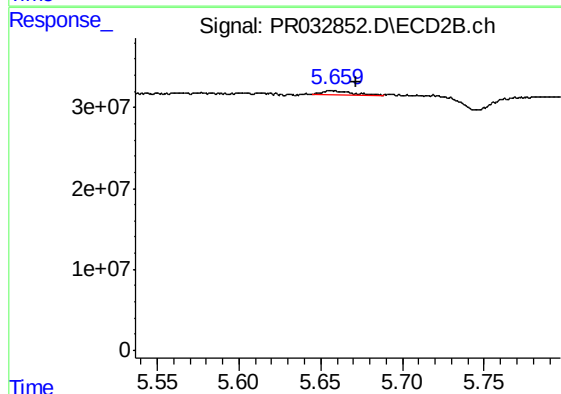
R.T.: 0.000 min
Exp R.T. : 5.281 min
Response: 0
Conc: N.D.



#25 AR-1248-5

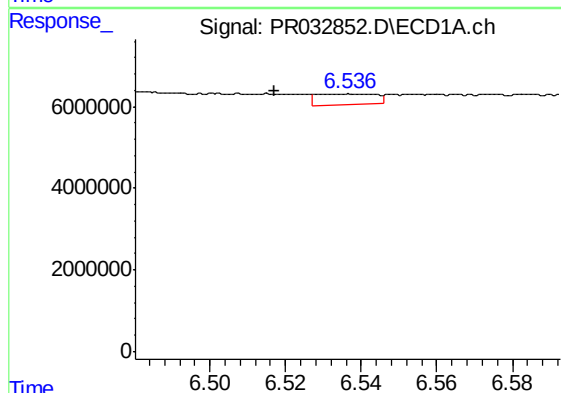
R.T.: 6.584 min
Delta R.T.: 0.006 min
Response: 449041
Conc: 0.63 ng/ml

Instrument :
ECD_R
ClientSampleId :
I.BLK



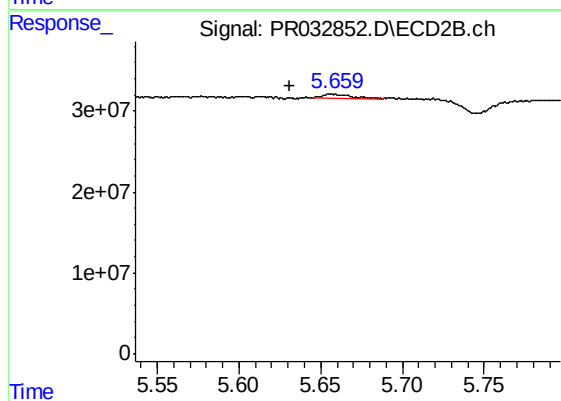
#25 AR-1248-5

R.T.: 5.659 min
Delta R.T.: -0.013 min
Response: 6270520
Conc: 3.47 ng/ml



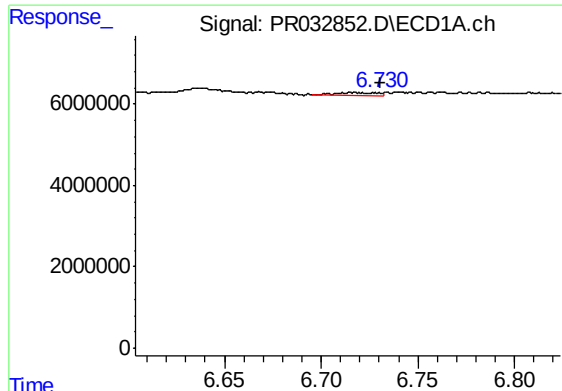
#26 AR-1254-1

R.T.: 6.528 min
Delta R.T.: 0.011 min
Response: 2794172
Conc: 3.71 ng/ml



#26 AR-1254-1

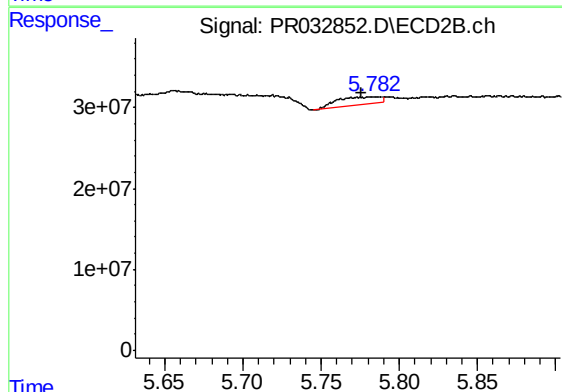
R.T.: 5.659 min
Delta R.T.: 0.028 min
Response: 6270520
Conc: 2.07 ng/ml



#27 AR-1254-2

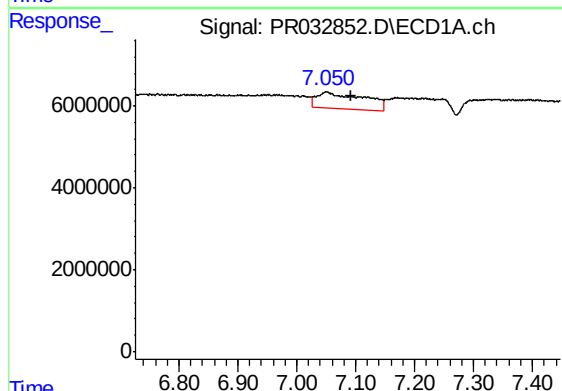
R.T.: 6.716 min
Delta R.T.: -0.015 min
Response: 995149
Conc: 0.91 ng/ml

Instrument :
ECD_R
ClientSampleId :
I.BLK



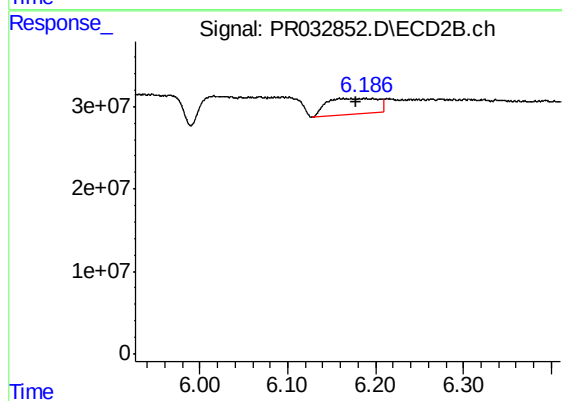
#27 AR-1254-2

R.T.: 5.782 min
Delta R.T.: 0.007 min
Response: 17920965
Conc: 6.47 ng/ml



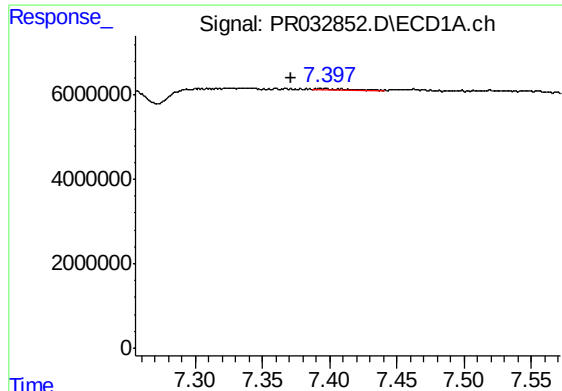
#28 AR-1254-3

R.T.: 7.050 min
Delta R.T.: -0.041 min
Response: 21711360
Conc: 18.10 ng/ml



#28 AR-1254-3

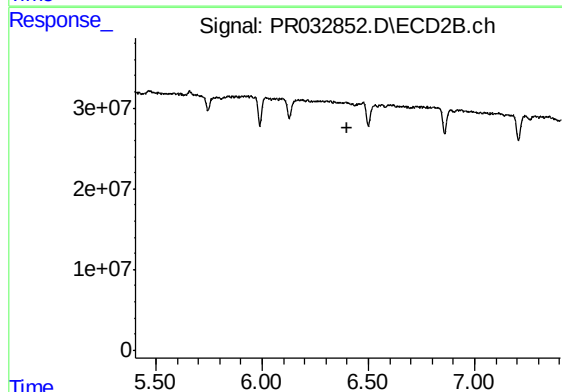
R.T.: 6.188 min
Delta R.T.: 0.009 min
Response: 78077397
Conc: 15.38 ng/ml



#29 AR-1254-4

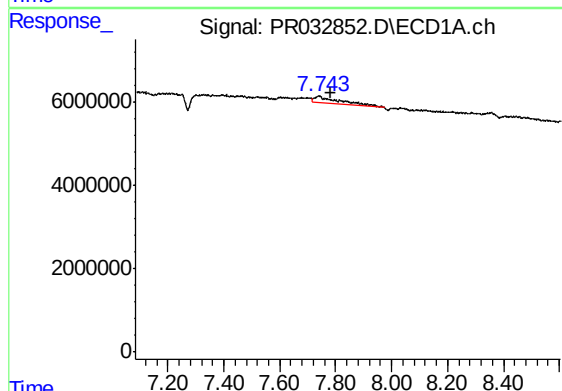
R.T.: 7.394 min
Delta R.T.: 0.023 min
Response: 469497
Conc: 0.54 ng/ml

Instrument :
ECD_R
ClientSampleId :
I.BLK



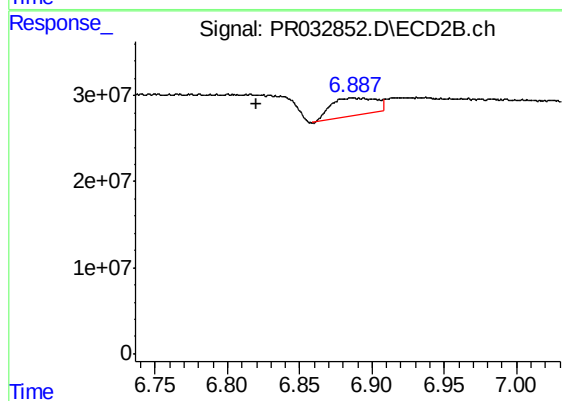
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.404 min
Response: 0
Conc: N.D.



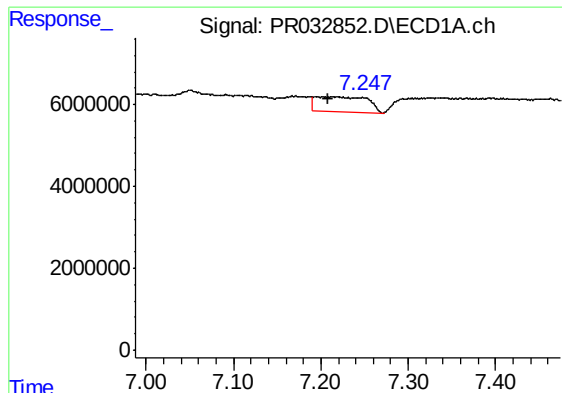
#30 AR-1254-5

R.T.: 7.739 min
Delta R.T.: -0.045 min
Response: 10813364
Conc: 11.65 ng/ml



#30 AR-1254-5

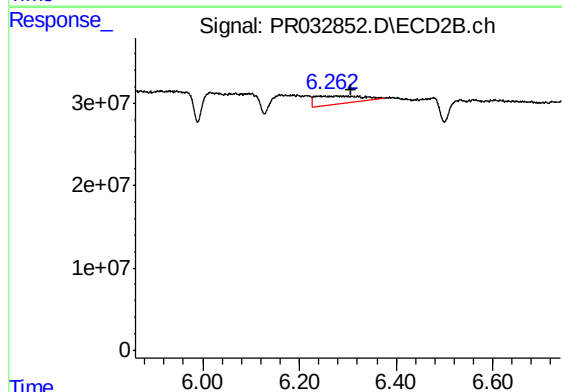
R.T.: 6.887 min
Delta R.T.: 0.067 min
Response: 43825898
Conc: 10.11 ng/ml



#31 AR-1260-1

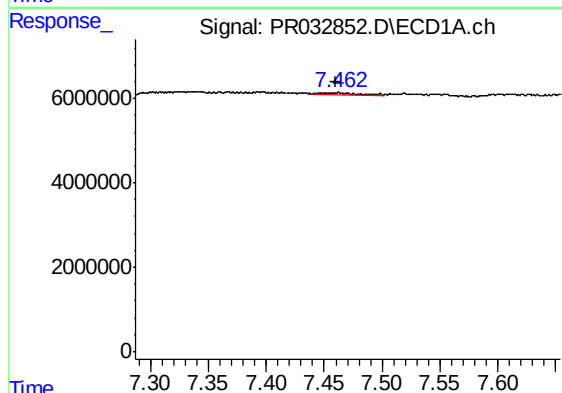
R.T.: 7.195 min
Delta R.T.: -0.013 min
Response: 14812646
Conc: 15.29 ng/ml

Instrument :
ECD_R
ClientSampleId :
I.BLK



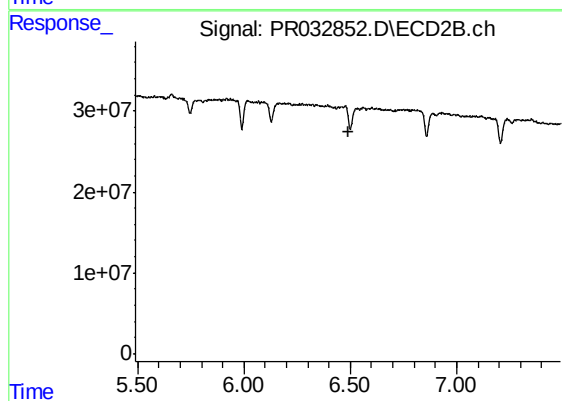
#31 AR-1260-1

R.T.: 6.254 min
Delta R.T.: -0.052 min
Response: 66824955
Conc: 19.89 ng/ml



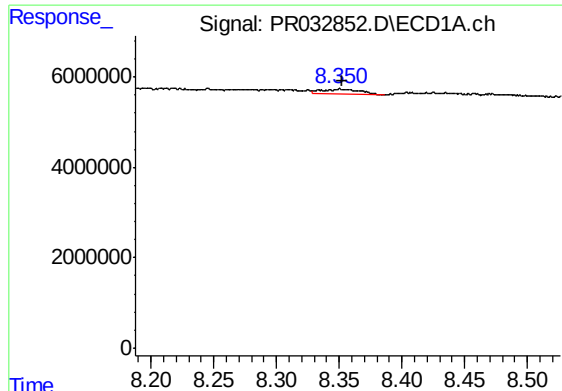
#32 AR-1260-2

R.T.: 7.461 min
Delta R.T.: 0.000 min
Response: 785618
Conc: 0.70 ng/ml



#32 AR-1260-2

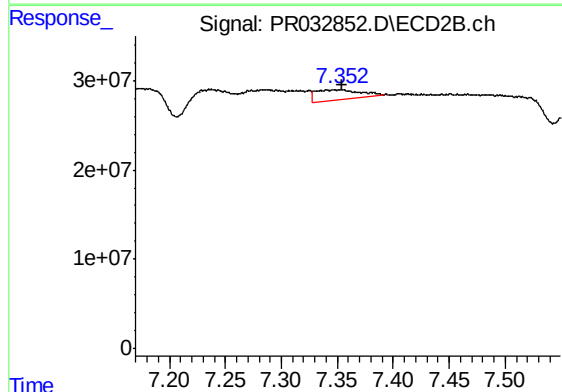
R.T.: 0.000 min
Exp R.T. : 6.489 min
Response: 0
Conc: N.D.



#35 AR-1260-5

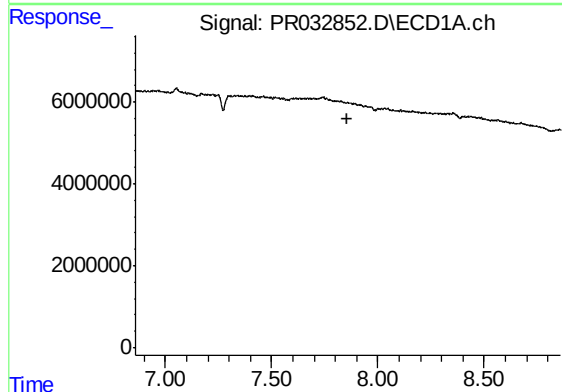
R.T.: 8.353 min
Delta R.T.: 0.000 min
Response: 2268201
Conc: 1.68 ng/ml

Instrument :
ECD_R
ClientSampleId :
I.BLK



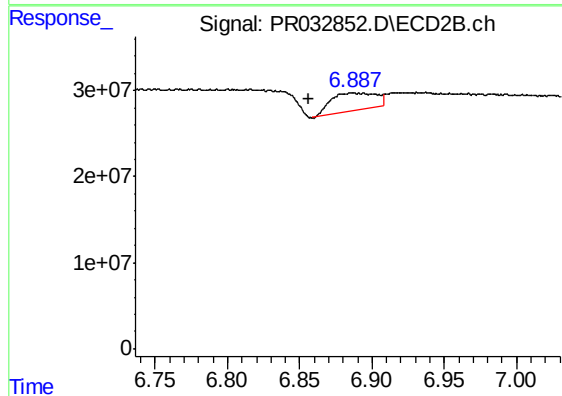
#35 AR-1260-5

R.T.: 7.351 min
Delta R.T.: -0.003 min
Response: 27809975
Conc: 3.56 ng/ml



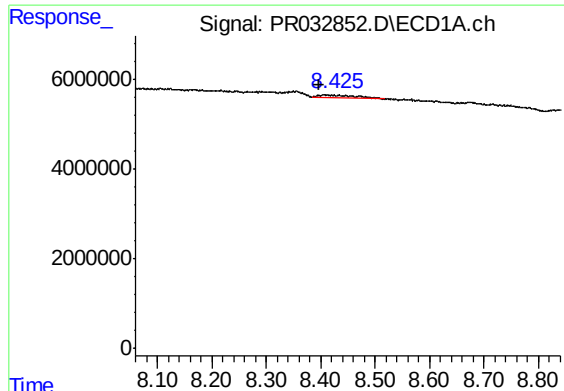
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 7.859 min
Response: 0
Conc: N.D.



#36 AR-1262-1

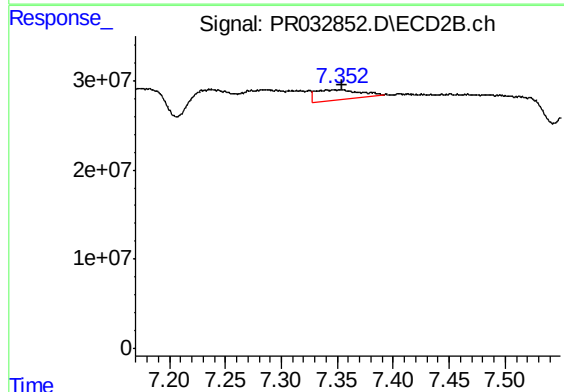
R.T.: 6.887 min
Delta R.T.: 0.031 min
Response: 43825898
Conc: 13.43 ng/ml



#37 AR-1262-2

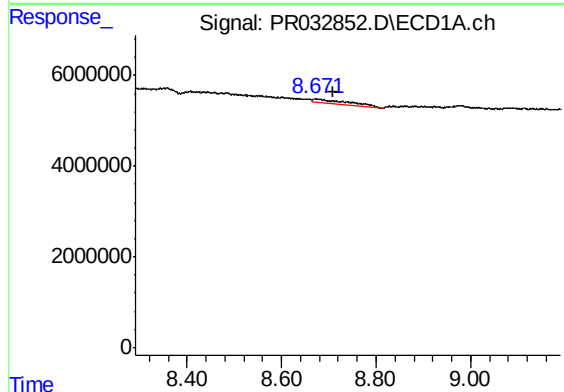
R.T.: 8.407 min
Delta R.T.: 0.010 min
Response: 2100546
Conc: 1.75 ng/ml

Instrument :
ECD_R
ClientSampleId :
I.BLK



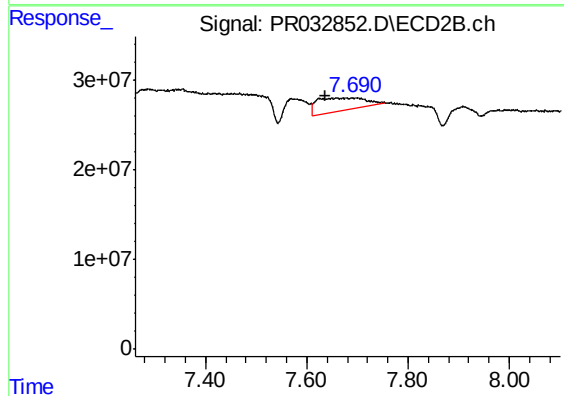
#37 AR-1262-2

R.T.: 7.351 min
Delta R.T.: -0.003 min
Response: 27809975
Conc: 4.16 ng/ml



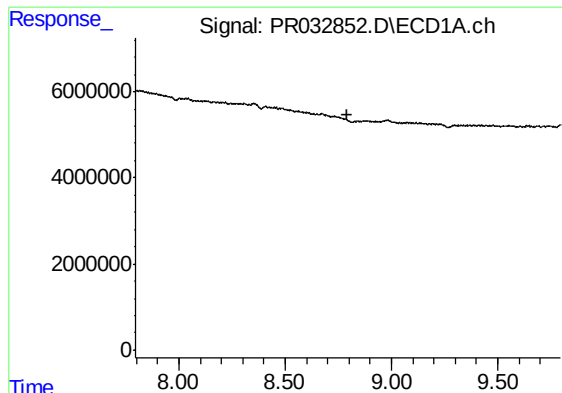
#38 AR-1262-3

R.T.: 8.673 min
Delta R.T.: -0.036 min
Response: 4309460
Conc: 4.82 ng/ml



#38 AR-1262-3

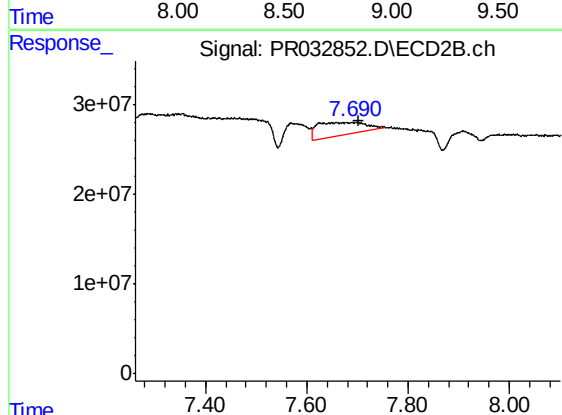
R.T.: 7.677 min
Delta R.T.: 0.039 min
Response: 89897824
Conc: 33.49 ng/ml



#39 AR-1262-4

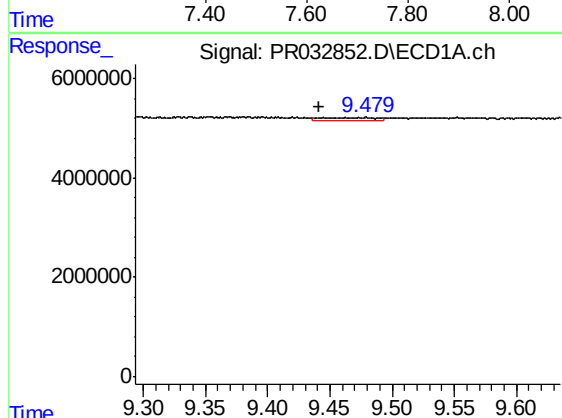
R.T.: 0.000 min
Exp R.T.: 8.795 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
I.BLK



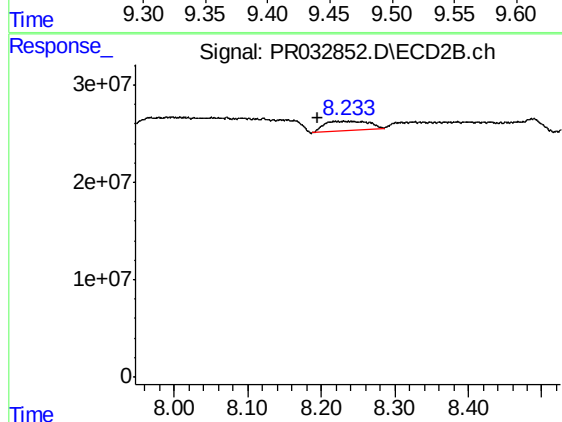
#39 AR-1262-4

R.T.: 7.677 min
Delta R.T.: -0.024 min
Response: 89897824
Conc: 18.80 ng/ml



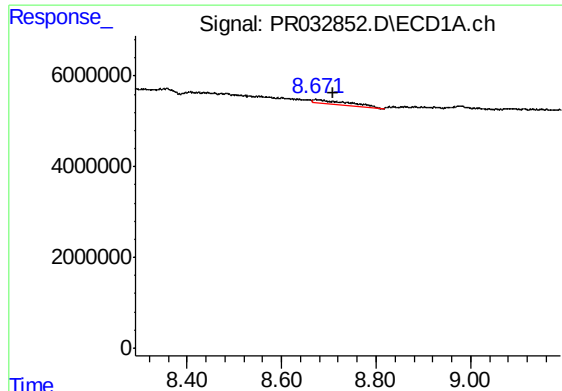
#40 AR-1262-5

R.T.: 9.445 min
Delta R.T.: 0.003 min
Response: 1428459
Conc: 2.73 ng/ml



#40 AR-1262-5

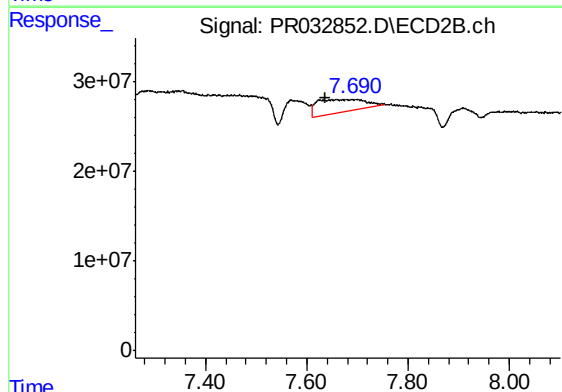
R.T.: 8.231 min
Delta R.T.: 0.036 min
Response: 39859368
Conc: 19.62 ng/ml



#41 AR-1268-1

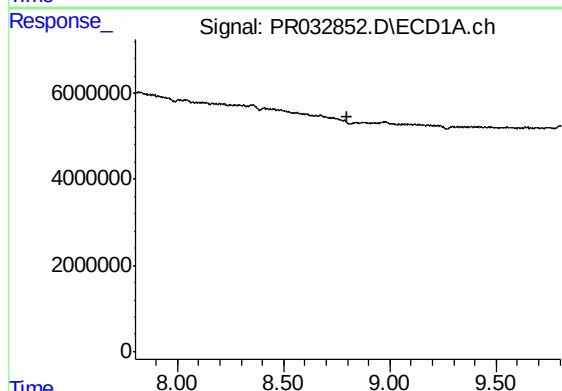
R.T.: 8.673 min
Delta R.T.: -0.037 min
Response: 4309460
Conc: 2.28 ng/ml

Instrument :
ECD_R
ClientSampleId :
I.BLK



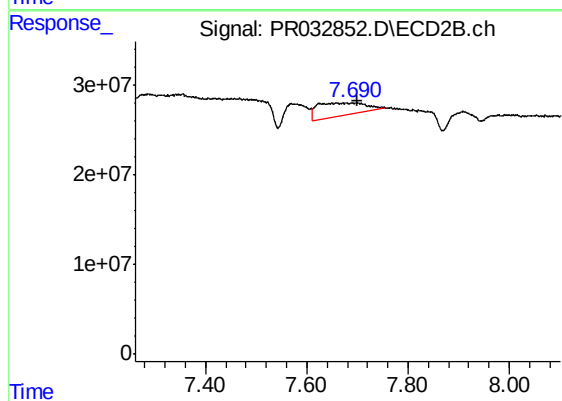
#41 AR-1268-1

R.T.: 7.677 min
Delta R.T.: 0.040 min
Response: 89897824
Conc: 9.47 ng/ml



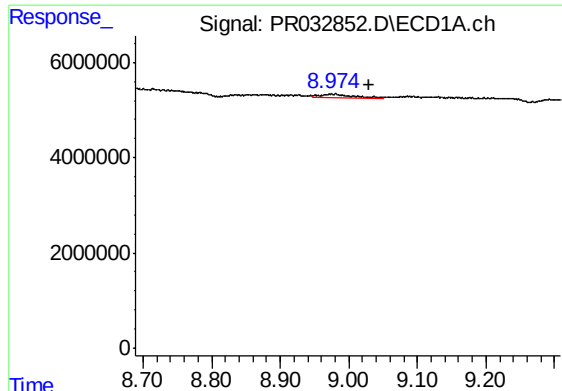
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.803 min
Response: 0
Conc: N.D.



#42 AR-1268-2

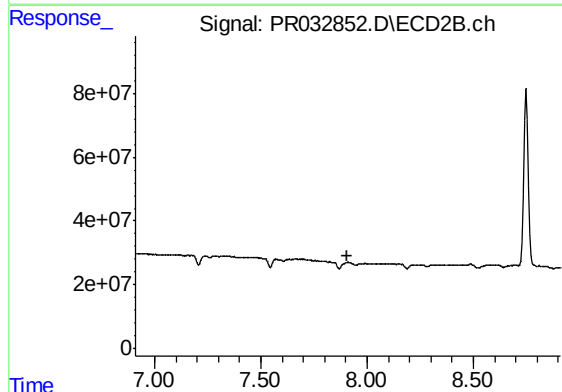
R.T.: 7.677 min
Delta R.T.: -0.024 min
Response: 89897824
Conc: 10.23 ng/ml



#43 AR-1268-3

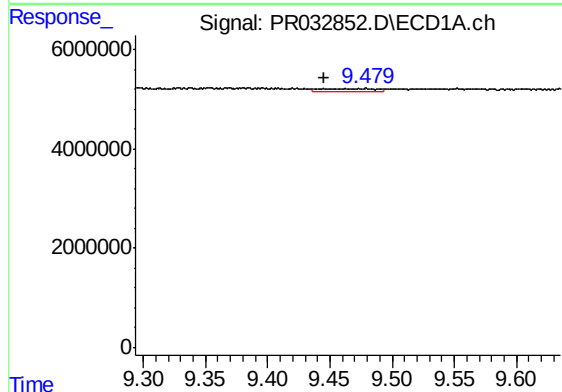
R.T.: 8.976 min
Delta R.T.: -0.054 min
Response: 2248915
Conc: 1.38 ng/ml

Instrument :
ECD_R
ClientSampleId :
I.BLK



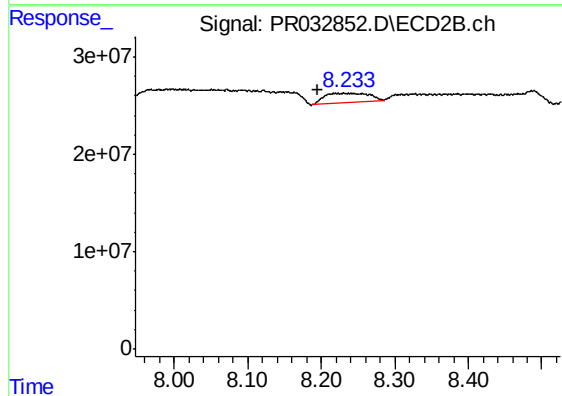
#43 AR-1268-3

R.T.: 7.908 min
Delta R.T.: -0.002 min
Response: -6124023
Conc: N.D.



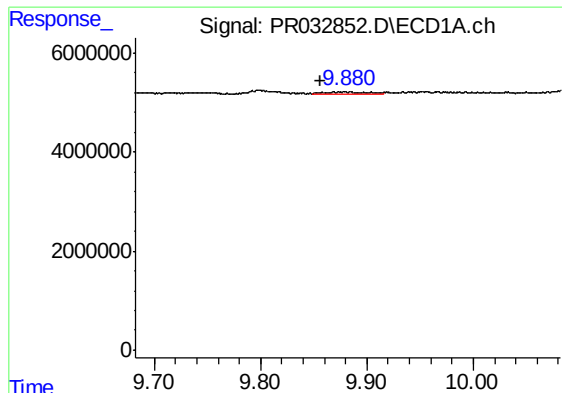
#44 AR-1268-4

R.T.: 9.445 min
Delta R.T.: 0.000 min
Response: 1428459
Conc: 1.96 ng/ml



#44 AR-1268-4

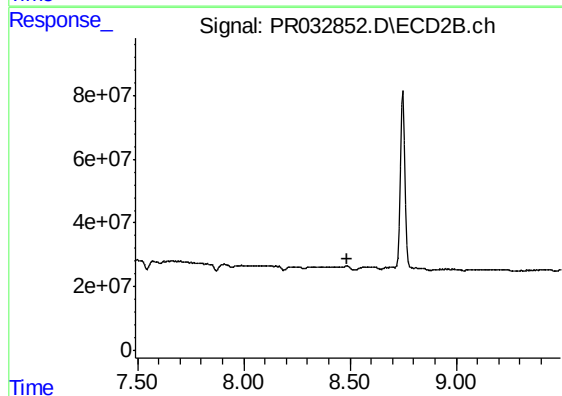
R.T.: 8.231 min
Delta R.T.: 0.036 min
Response: 39859368
Conc: 13.74 ng/ml



#45 AR-1268-5

R.T.: 9.878 min
Delta R.T.: 0.022 min
Response: 1179885
Conc: 0.22 ng/ml

Instrument :
ECD_R
ClientSampleId :
I.BLK



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.490 min
Response: 0
Conc: N.D.