

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR080119\
 Data File : PR039917.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Aug 2019 03:09
 Operator : SM\AJ
 Sample : K3618-09
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 HD-01-073019

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 01 05:39:44 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR072219.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Jul 22 14:03:19 2019
 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...	3.751	4.595	54439358	234.3E6	22.683	23.376
2)	SA Decachlor...	8.683	10.320	32719605	146.3E6	13.169	15.585
Target Compounds							
3)	L1 AR-1016-1	4.832	5.769	1537761	21877344	17.491	60.485 #
4)	L1 AR-1016-2	4.832	5.769	1537761	21877344	10.617	42.187 #
5)	L1 AR-1016-3	5.004	5.849	1846756	3322560	26.588	10.841 #
6)	L1 AR-1016-4	5.044	5.946	6345255	9833357	112.721	37.720 #
7)	L1 AR-1016-5	5.255	6.210	706699	33787582	9.422	134.484 #
8)	L2 AR-1221-1	3.961	4.776	7721923	32816018	237.252	262.554
9)	L2 AR-1221-2	4.049	4.902	6720950	44131823	276.232	472.185 #
10)	L2 AR-1221-3	4.122	4.902	3728469	44131823	47.607	144.495 #
11)	L3 AR-1232-1	4.122	4.902	3728469	44131823	47.709	151.777 #
12)	L3 AR-1232-2	4.832	5.486	1537761	45277972	16.360	300.983 #
13)	L3 AR-1232-3	5.004	5.769	1846756	21877344	43.687	68.279 #
14)	L3 AR-1232-4	5.108	5.946	3338483	9833357	83.879	60.944 #
15)	L3 AR-1232-5	5.255	0.000	706699	0	16.699	N.D. #
16)	L4 AR-1242-1	4.832	5.769	1537761	21877344	16.844	61.473 #
17)	L4 AR-1242-2	4.832	5.769	1537761	21877344	10.729	42.204 #
18)	L4 AR-1242-3	5.004	5.849	1846756	3322560	26.130	10.789 #
19)	L4 AR-1242-4	5.108	5.946	3338483	9833357	47.728	37.556
20)	L4 AR-1242-5	5.613	0.000	2931609	0	29.514	N.D. #
21)	L5 AR-1248-1	4.832	5.769	1537761	21877344	21.250	76.428 #
22)	L5 AR-1248-2	5.044	0.000	6345255	0	81.106	N.D. #
23)	L5 AR-1248-3	5.108	6.210	3338483	33787582	31.264	77.518 #
24)	L5 AR-1248-4	5.255	0.000	706699	0	5.338	N.D. #
25)	L5 AR-1248-5	5.647	0.000	4229604	0	29.182	N.D. #
26)	L6 AR-1254-1	5.613	6.545	2931609	19628142	19.008	53.887 #
27)	L6 AR-1254-2	5.750	6.804	3152451	29895982	24.077	52.340 #
28)	L6 AR-1254-3	6.157	7.228	1883711	35622031	8.431	57.133 #
29)	L6 AR-1254-4	6.358	7.458	3574081	26864955	24.578	59.319 #
30)	L6 AR-1254-5	6.780	0.000	2176181	0	11.429	N.D. #
31)	L7 AR-1260-1	6.280	7.331	3944591	31791178	27.068	71.647 #
32)	L7 AR-1260-2	6.452	7.580	10899174	11746999	59.198	21.430 #
33)	L7 AR-1260-3	6.607	0.000	4110327	0	24.811	N.D. #
34)	L7 AR-1260-4	7.071	0.000	837332	0	6.024	N.D. #
35)	L7 AR-1260-5	7.311	0.000	2302795	0	6.675	N.D. #
36)	L8 AR-1262-1	6.876	0.000	949256	0	6.465	N.D. #
37)	L8 AR-1262-2	7.311	0.000	2302795	0	3.407	N.D. #
38)	L8 AR-1262-3	7.591	0.000	2189330	0	9.216	N.D. #
39)	L8 AR-1262-4	7.664	0.000	2068206	0	4.466	N.D. #
40)	L8 AR-1262-5	8.142	0.000	1272744	0	6.545	N.D. #
41)	L9 AR-1268-1	7.591	0.000	2189330	0	2.856	N.D. #
42)	L9 AR-1268-2	7.664	0.000	2068206	0	2.946	N.D. #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR080119\
Data File : PR039917.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2019 03:09
Operator : SM\AJ
Sample : K3618-09
Misc :
ALS Vial : 46 Sample Multiplier: 1

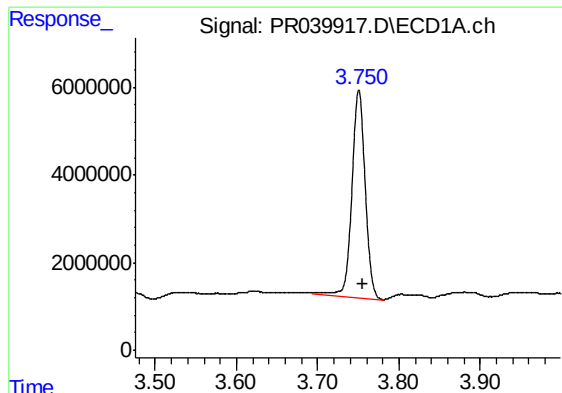
Instrument :
ECD_R
ClientSampleId :
HD-01-073019

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 05:39:44 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR072219.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Jul 22 14:03:19 2019
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	7.858	0.000	2231026	0	4.015	N.D.	#
44)	L9 AR-1268-4	8.142	0.000	1272744	0	5.524	N.D.	#
45)	L9 AR-1268-5	8.429	0.000	559123	0	0.328	N.D.	#

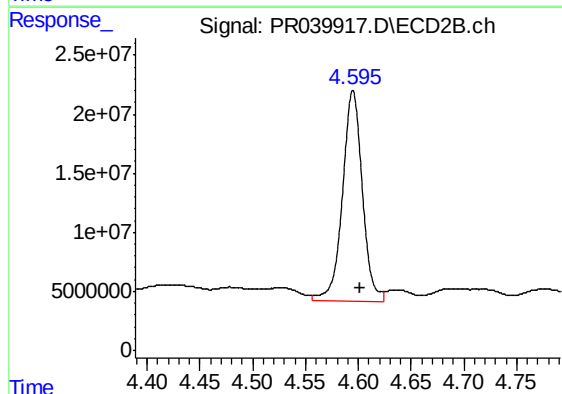
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

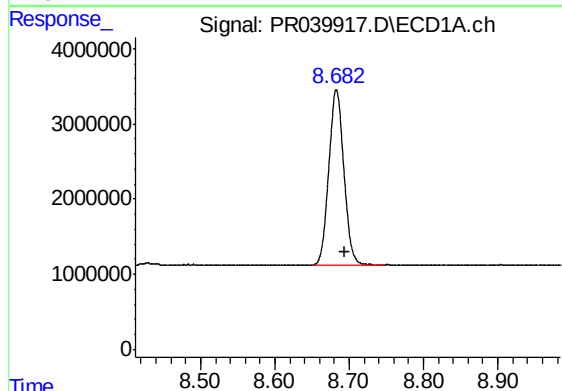
R.T.: 3.751 min
Delta R.T.: -0.004 min
Response: 54439358
Conc: 22.68 ng/ml

Instrument :
ECD_R
ClientSampleId :
HD-01-073019



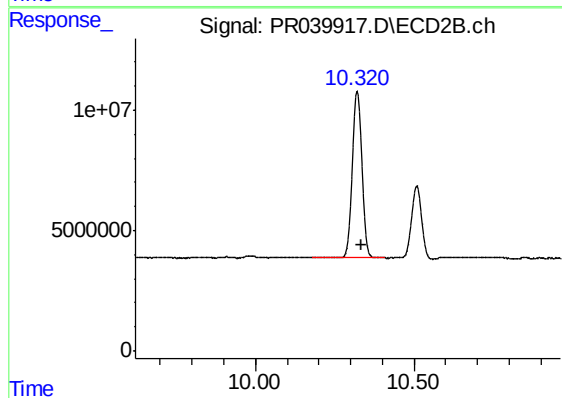
#1 Tetrachloro-m-xylene

R.T.: 4.595 min
Delta R.T.: -0.007 min
Response: 234331326
Conc: 23.38 ng/ml



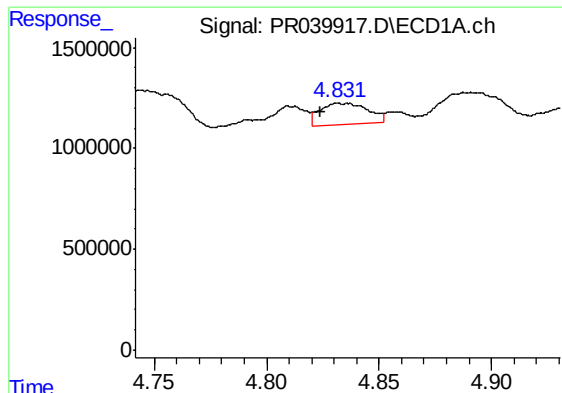
#2 Decachlorobiphenyl

R.T.: 8.683 min
Delta R.T.: -0.012 min
Response: 32719605
Conc: 13.17 ng/ml



#2 Decachlorobiphenyl

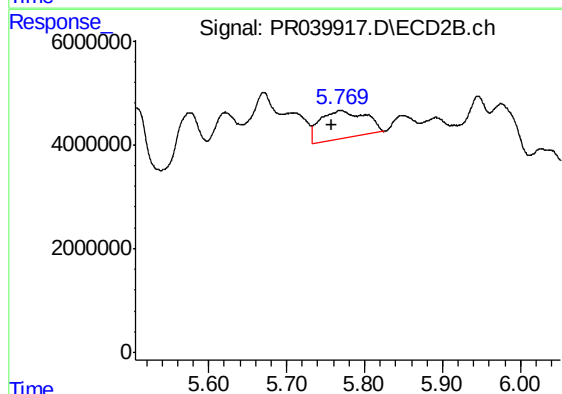
R.T.: 10.320 min
Delta R.T.: -0.015 min
Response: 146312074
Conc: 15.59 ng/ml



#3 AR-1016-1

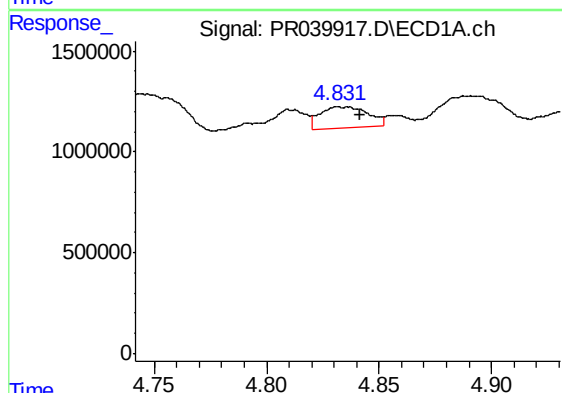
R.T.: 4.832 min
Delta R.T.: 0.008 min
Response: 1537761
Conc: 17.49 ng/ml

Instrument :
ECD_R
ClientSampleId :
HD-01-073019



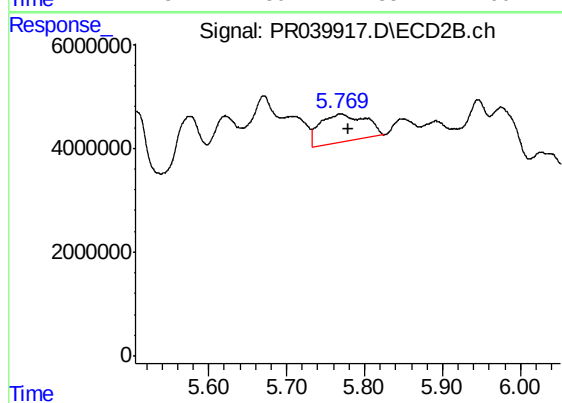
#3 AR-1016-1

R.T.: 5.769 min
Delta R.T.: 0.012 min
Response: 21877344
Conc: 60.48 ng/ml



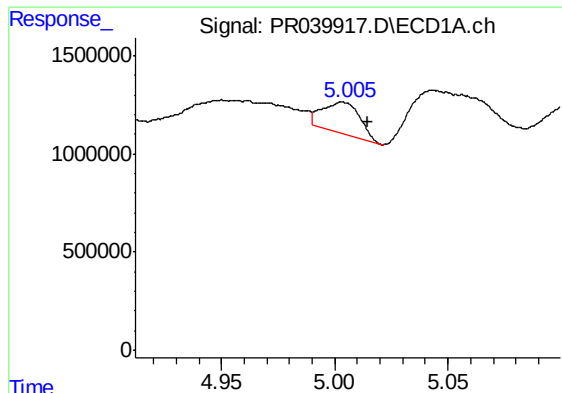
#4 AR-1016-2

R.T.: 4.832 min
Delta R.T.: -0.010 min
Response: 1537761
Conc: 10.62 ng/ml



#4 AR-1016-2

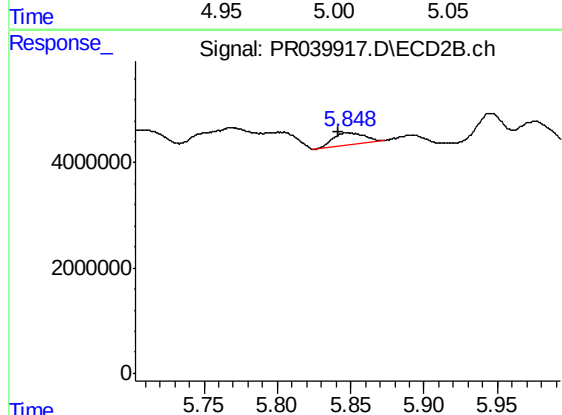
R.T.: 5.769 min
Delta R.T.: -0.010 min
Response: 21877344
Conc: 42.19 ng/ml



#5 AR-1016-3

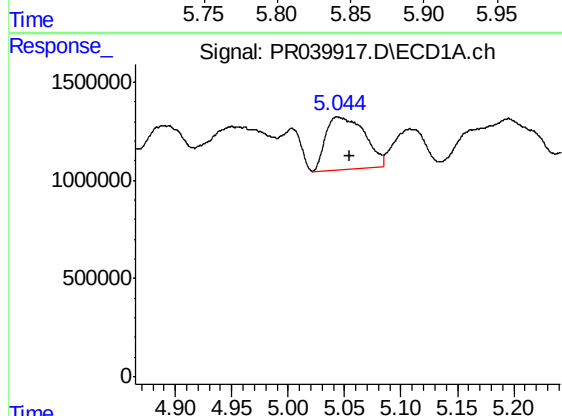
R.T.: 5.004 min
Delta R.T.: -0.011 min
Response: 1846756
Conc: 26.59 ng/ml

Instrument :
ECD_R
ClientSampleId :
HD-01-073019



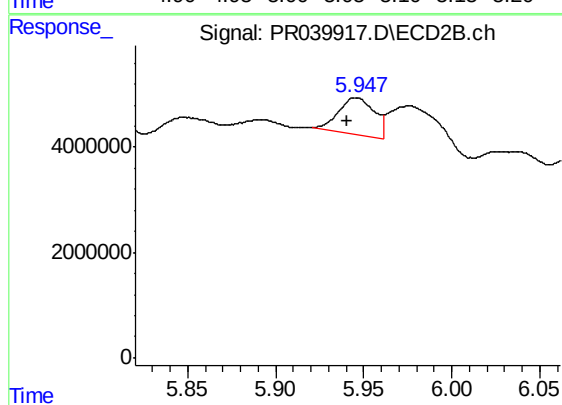
#5 AR-1016-3

R.T.: 5.849 min
Delta R.T.: 0.007 min
Response: 3322560
Conc: 10.84 ng/ml



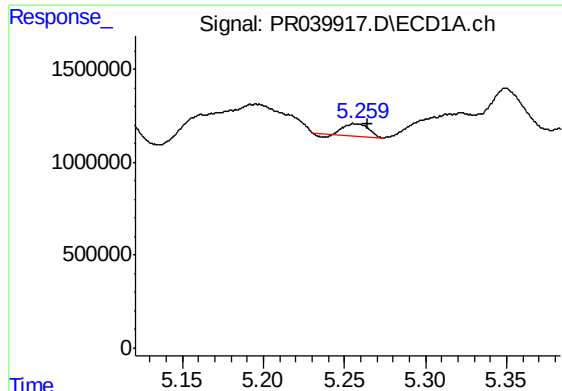
#6 AR-1016-4

R.T.: 5.044 min
Delta R.T.: -0.011 min
Response: 6345255
Conc: 112.72 ng/ml



#6 AR-1016-4

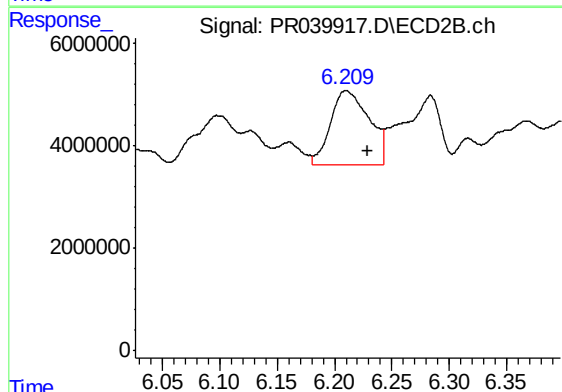
R.T.: 5.946 min
Delta R.T.: 0.005 min
Response: 9833357
Conc: 37.72 ng/ml



#7 AR-1016-5

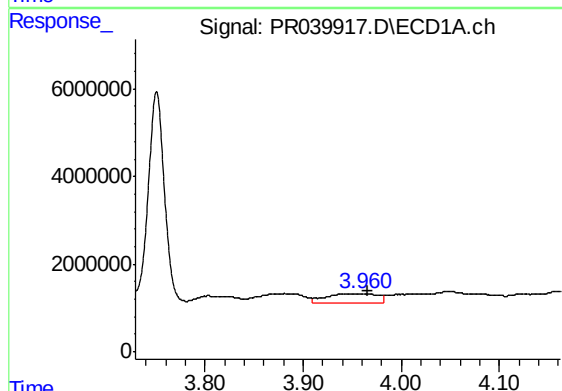
R.T.: 5.255 min
Delta R.T.: -0.009 min
Response: 706699
Conc: 9.42 ng/ml

Instrument :
ECD_R
ClientSampleId :
HD-01-073019



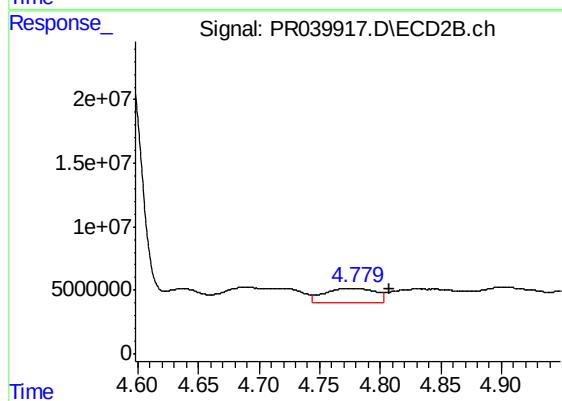
#7 AR-1016-5

R.T.: 6.210 min
Delta R.T.: -0.019 min
Response: 33787582
Conc: 134.48 ng/ml



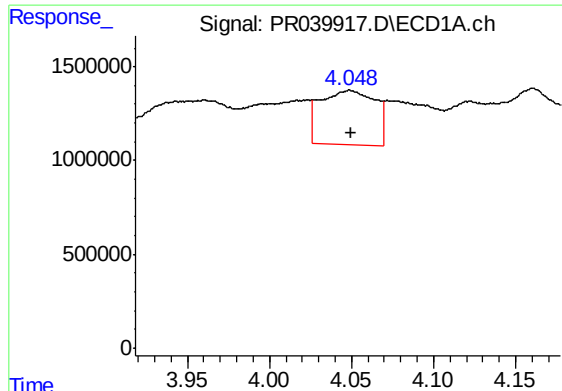
#8 AR-1221-1

R.T.: 3.961 min
Delta R.T.: -0.005 min
Response: 7721923
Conc: 237.25 ng/ml



#8 AR-1221-1

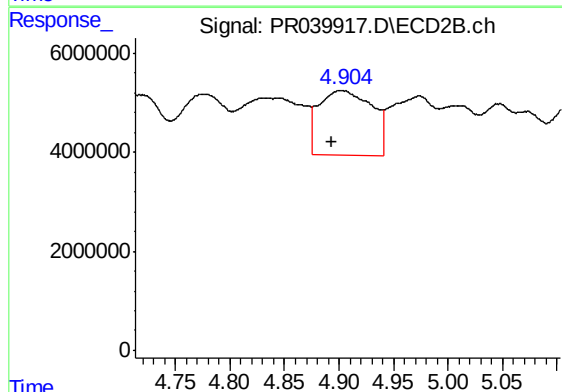
R.T.: 4.776 min
Delta R.T.: -0.031 min
Response: 32816018
Conc: 262.55 ng/ml



#9 AR-1221-2

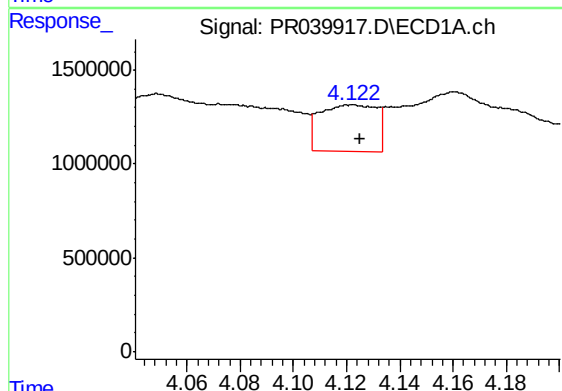
R.T.: 4.049 min
Delta R.T.: 0.000 min
Response: 6720950
Conc: 276.23 ng/ml

Instrument :
ECD_R
ClientSampleId :
HD-01-073019



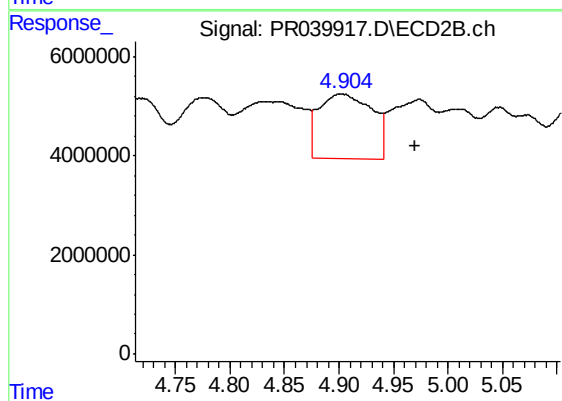
#9 AR-1221-2

R.T.: 4.902 min
Delta R.T.: 0.009 min
Response: 44131823
Conc: 472.19 ng/ml



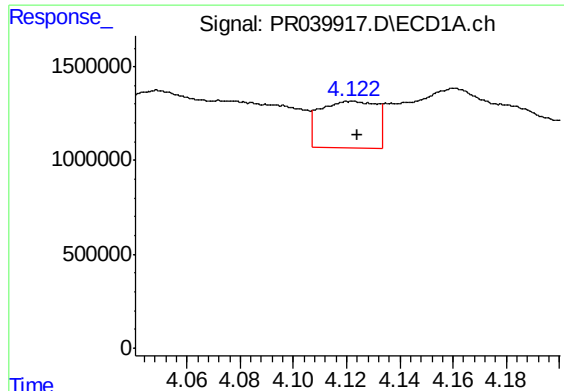
#10 AR-1221-3

R.T.: 4.122 min
Delta R.T.: -0.003 min
Response: 3728469
Conc: 47.61 ng/ml



#10 AR-1221-3

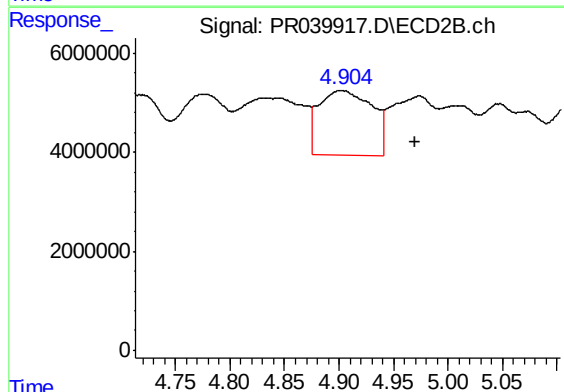
R.T.: 4.902 min
Delta R.T.: -0.068 min
Response: 44131823
Conc: 144.49 ng/ml



#11 AR-1232-1

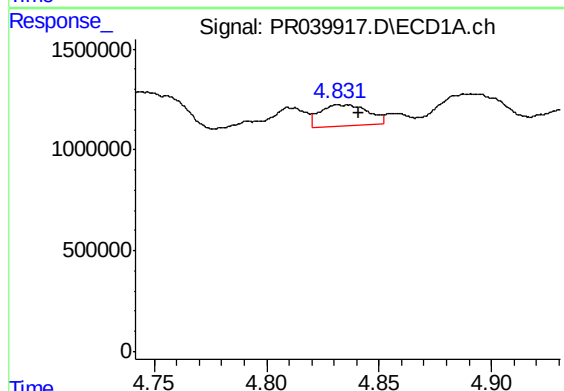
R.T.: 4.122 min
Delta R.T.: -0.002 min
Response: 3728469
Conc: 47.71 ng/ml

Instrument :
ECD_R
ClientSampleId :
HD-01-073019



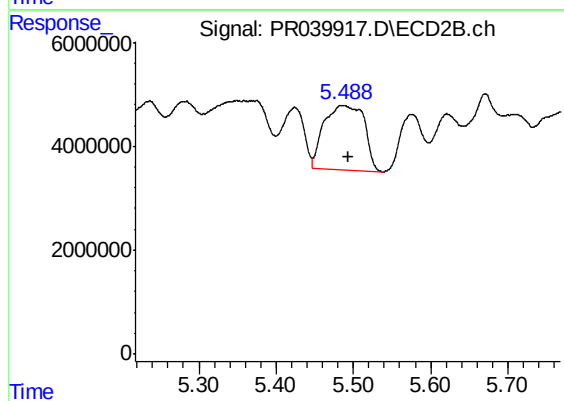
#11 AR-1232-1

R.T.: 4.902 min
Delta R.T.: -0.068 min
Response: 44131823
Conc: 151.78 ng/ml



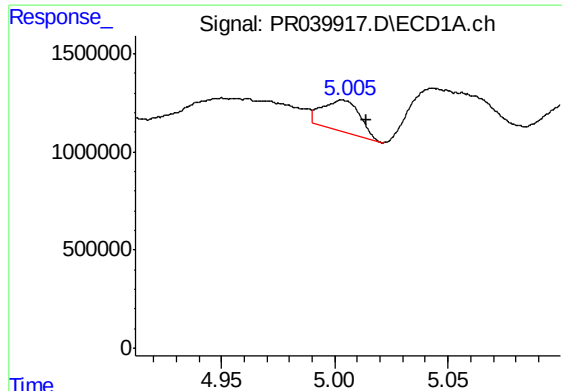
#12 AR-1232-2

R.T.: 4.832 min
Delta R.T.: -0.009 min
Response: 1537761
Conc: 16.36 ng/ml



#12 AR-1232-2

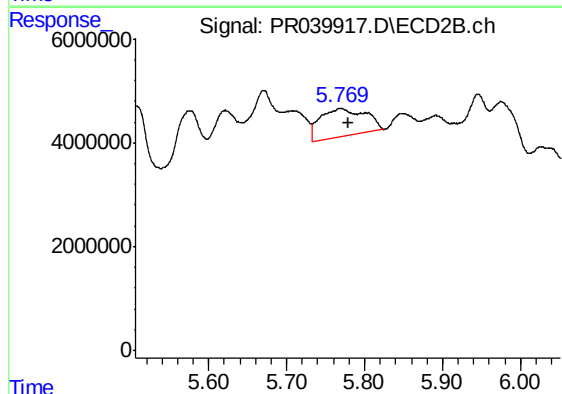
R.T.: 5.486 min
Delta R.T.: -0.007 min
Response: 45277972
Conc: 300.98 ng/ml



#13 AR-1232-3

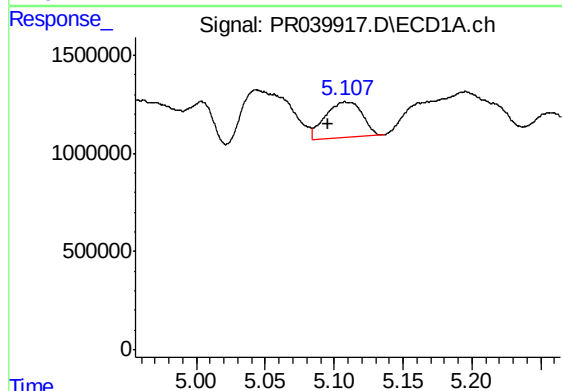
R.T.: 5.004 min
Delta R.T.: -0.010 min
Response: 1846756
Conc: 43.69 ng/ml

Instrument :
ECD_R
ClientSampleId :
HD-01-073019



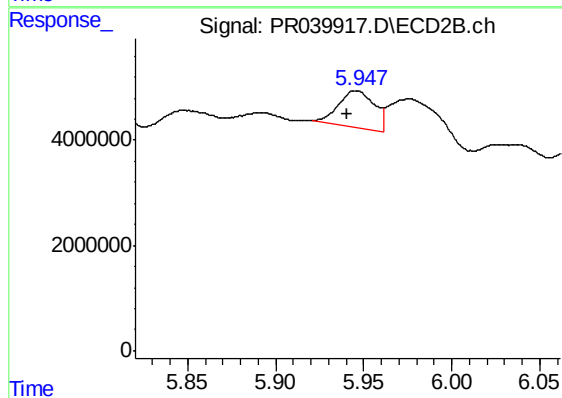
#13 AR-1232-3

R.T.: 5.769 min
Delta R.T.: -0.010 min
Response: 21877344
Conc: 68.28 ng/ml



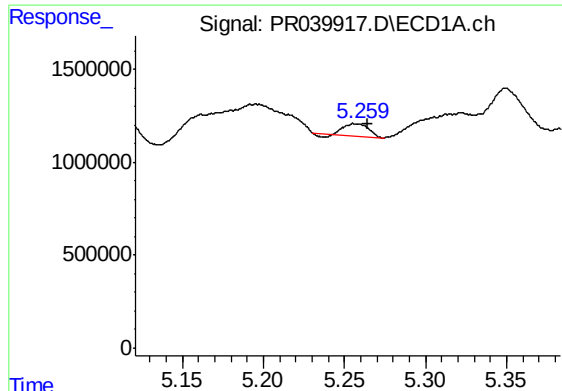
#14 AR-1232-4

R.T.: 5.108 min
Delta R.T.: 0.012 min
Response: 3338483
Conc: 83.88 ng/ml



#14 AR-1232-4

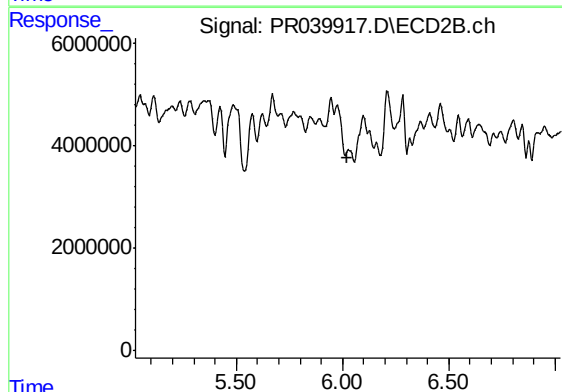
R.T.: 5.946 min
Delta R.T.: 0.005 min
Response: 9833357
Conc: 60.94 ng/ml



#15 AR-1232-5

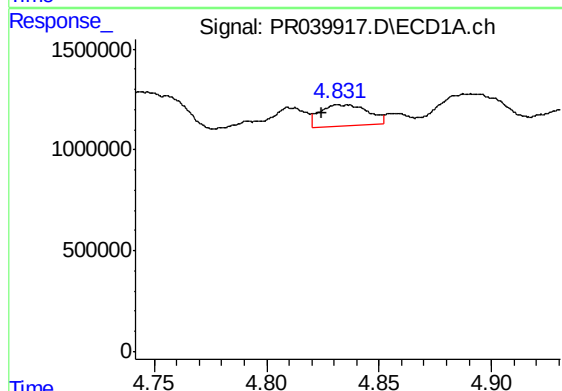
R.T.: 5.255 min
Delta R.T.: -0.009 min
Response: 706699
Conc: 16.70 ng/ml

Instrument :
ECD_R
ClientSampleId :
HD-01-073019



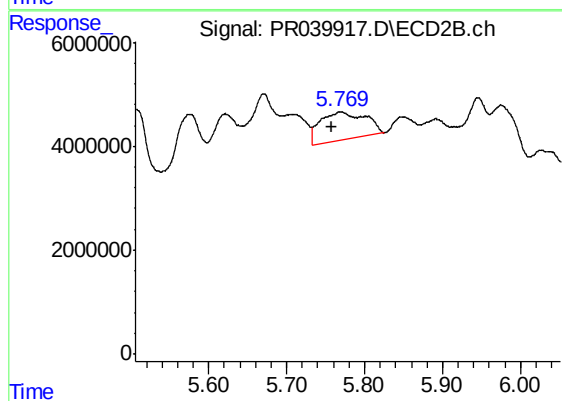
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 6.026 min
Response: 0
Conc: N.D.



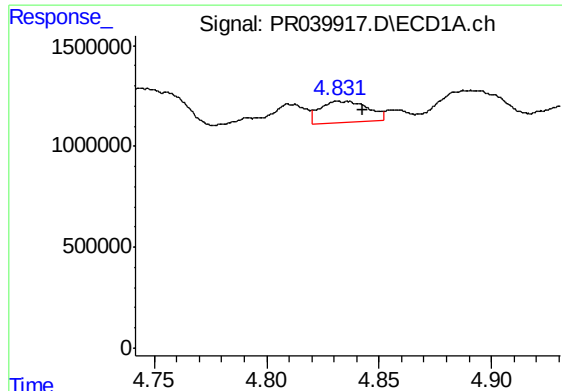
#16 AR-1242-1

R.T.: 4.832 min
Delta R.T.: 0.007 min
Response: 1537761
Conc: 16.84 ng/ml



#16 AR-1242-1

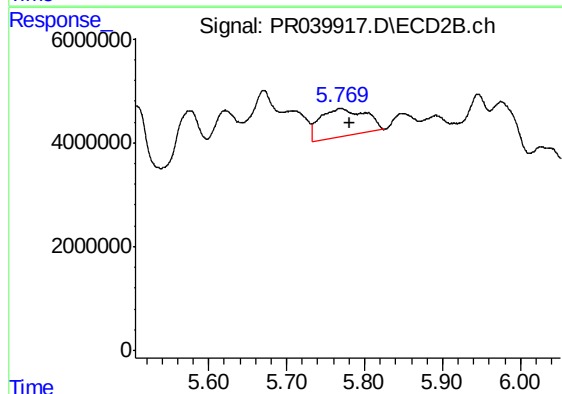
R.T.: 5.769 min
Delta R.T.: 0.012 min
Response: 21877344
Conc: 61.47 ng/ml



#17 AR-1242-2

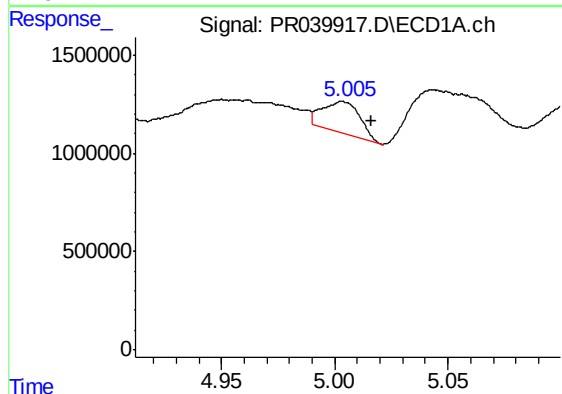
R.T.: 4.832 min
Delta R.T.: -0.011 min
Response: 1537761
Conc: 10.73 ng/ml

Instrument :
ECD_R
ClientSampleId :
HD-01-073019



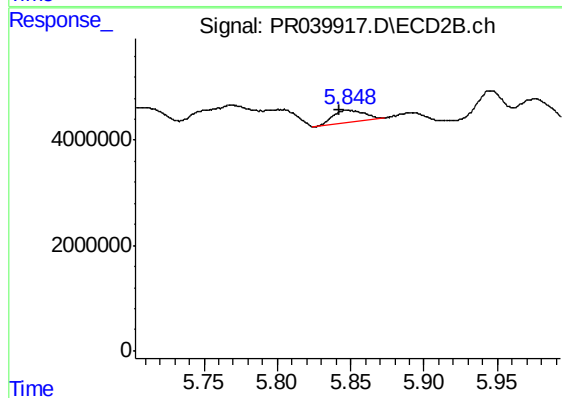
#17 AR-1242-2

R.T.: 5.769 min
Delta R.T.: -0.011 min
Response: 21877344
Conc: 42.20 ng/ml



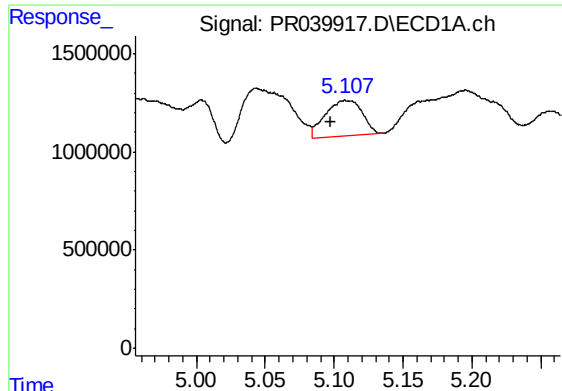
#18 AR-1242-3

R.T.: 5.004 min
Delta R.T.: -0.012 min
Response: 1846756
Conc: 26.13 ng/ml



#18 AR-1242-3

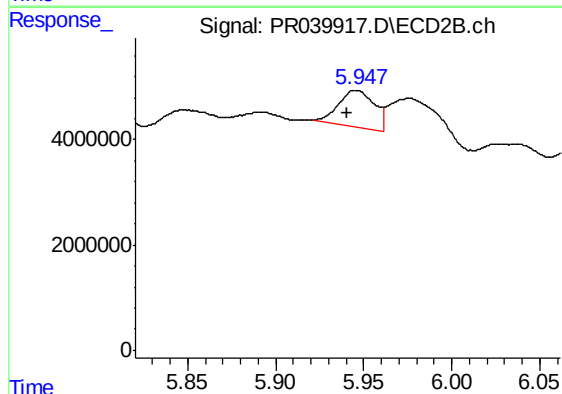
R.T.: 5.849 min
Delta R.T.: 0.007 min
Response: 3322560
Conc: 10.79 ng/ml



#19 AR-1242-4

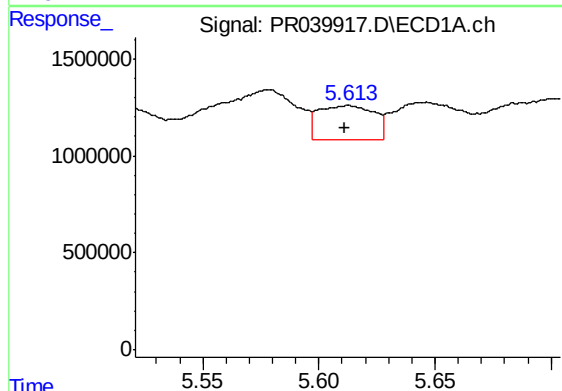
R.T.: 5.108 min
Delta R.T.: 0.010 min
Response: 3338483
Conc: 47.73 ng/ml

Instrument :
ECD_R
ClientSampleId :
HD-01-073019



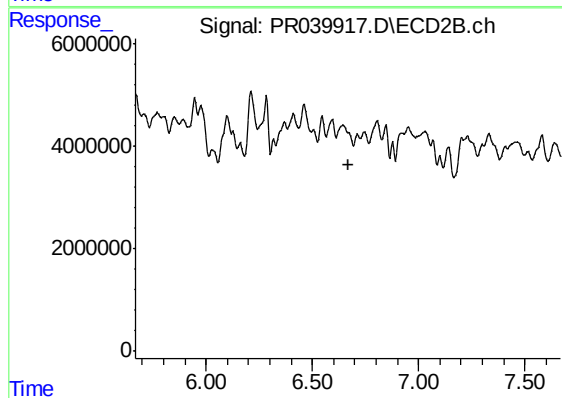
#19 AR-1242-4

R.T.: 5.946 min
Delta R.T.: 0.005 min
Response: 9833357
Conc: 37.56 ng/ml



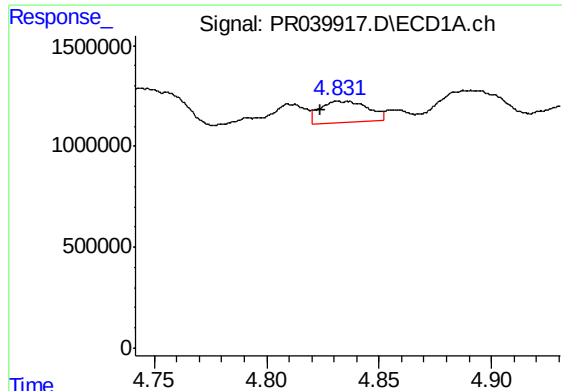
#20 AR-1242-5

R.T.: 5.613 min
Delta R.T.: 0.002 min
Response: 2931609
Conc: 29.51 ng/ml



#20 AR-1242-5

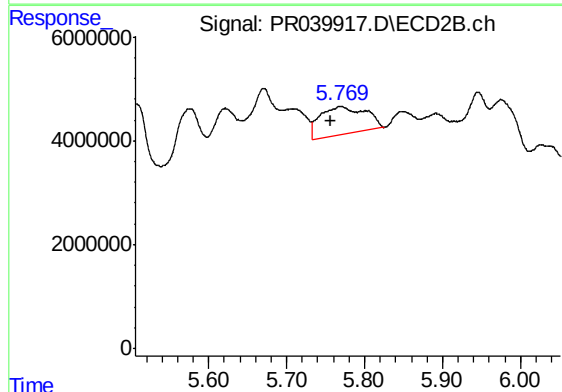
R.T.: 0.000 min
Exp R.T. : 6.667 min
Response: 0
Conc: N.D.



#21 AR-1248-1

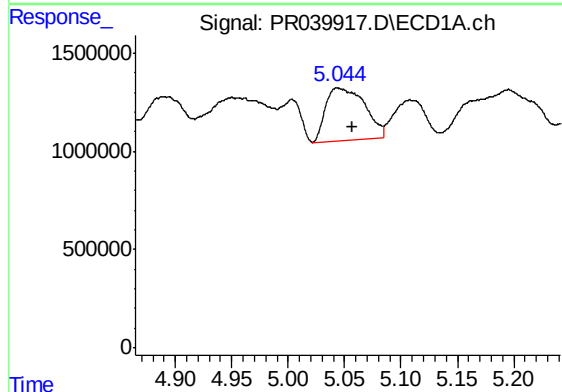
R.T.: 4.832 min
Delta R.T.: 0.008 min
Response: 1537761
Conc: 21.25 ng/ml

Instrument :
ECD_R
ClientSampleId :
HD-01-073019



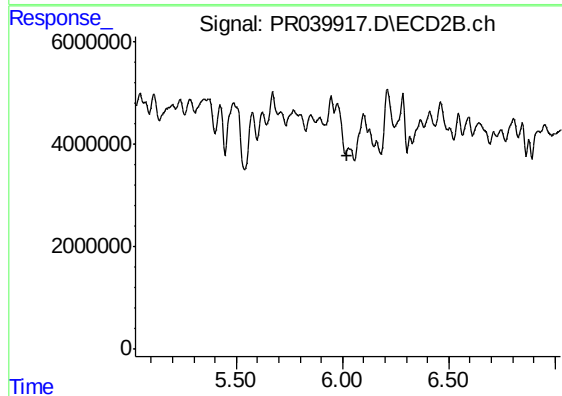
#21 AR-1248-1

R.T.: 5.769 min
Delta R.T.: 0.012 min
Response: 21877344
Conc: 76.43 ng/ml



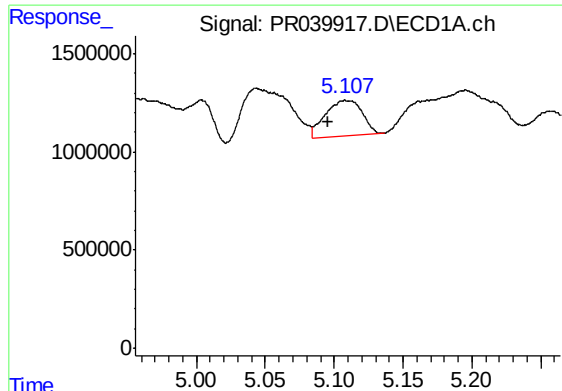
#22 AR-1248-2

R.T.: 5.044 min
Delta R.T.: -0.013 min
Response: 6345255
Conc: 81.11 ng/ml



#22 AR-1248-2

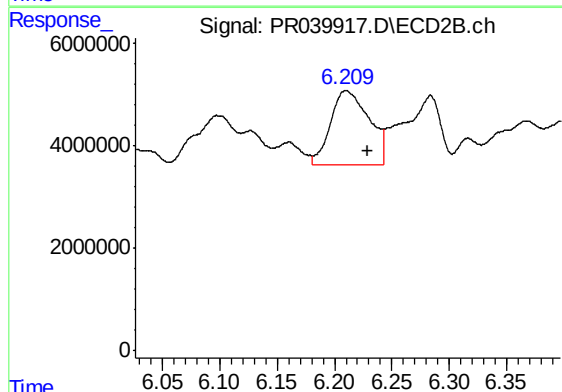
R.T.: 0.000 min
Exp R.T. : 6.025 min
Response: 0
Conc: N.D.



#23 AR-1248-3

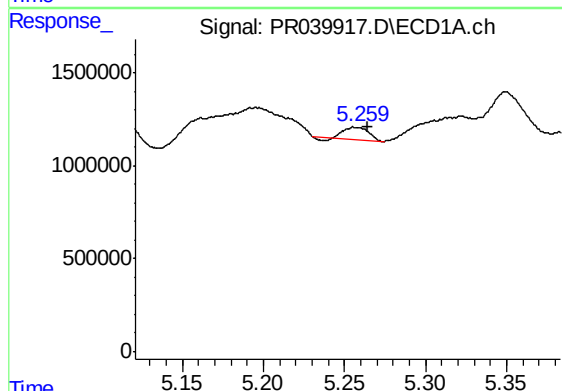
R.T.: 5.108 min
Delta R.T.: 0.012 min
Response: 3338483
Conc: 31.26 ng/ml

Instrument :
ECD_R
ClientSampleId :
HD-01-073019



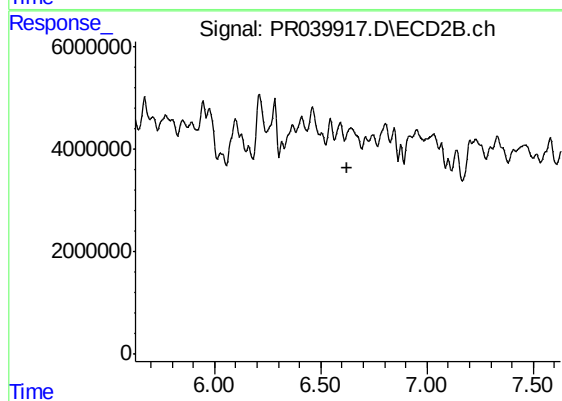
#23 AR-1248-3

R.T.: 6.210 min
Delta R.T.: -0.019 min
Response: 33787582
Conc: 77.52 ng/ml



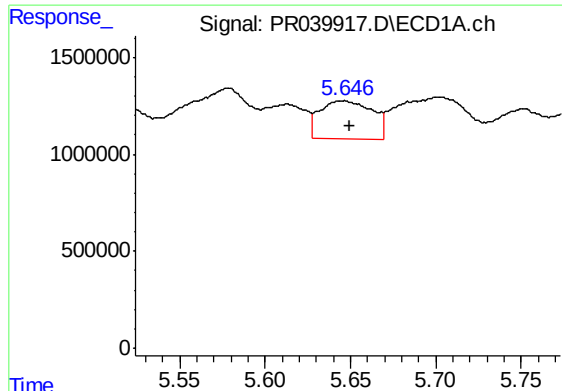
#24 AR-1248-4

R.T.: 5.255 min
Delta R.T.: -0.009 min
Response: 706699
Conc: 5.34 ng/ml



#24 AR-1248-4

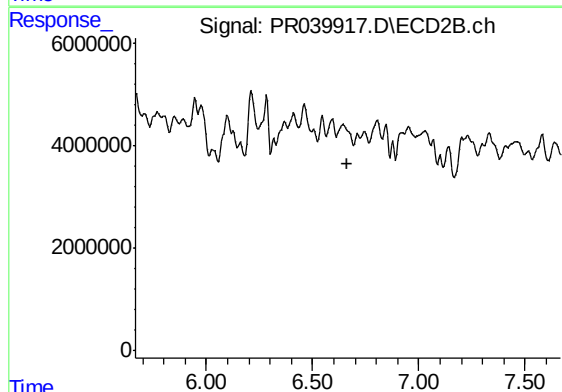
R.T.: 0.000 min
Exp R.T.: 6.628 min
Response: 0
Conc: N.D.



#25 AR-1248-5

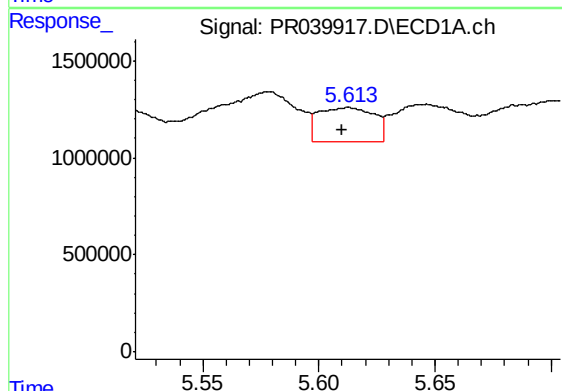
R.T.: 5.647 min
Delta R.T.: -0.003 min
Response: 4229604
Conc: 29.18 ng/ml

Instrument :
ECD_R
ClientSampleId :
HD-01-073019



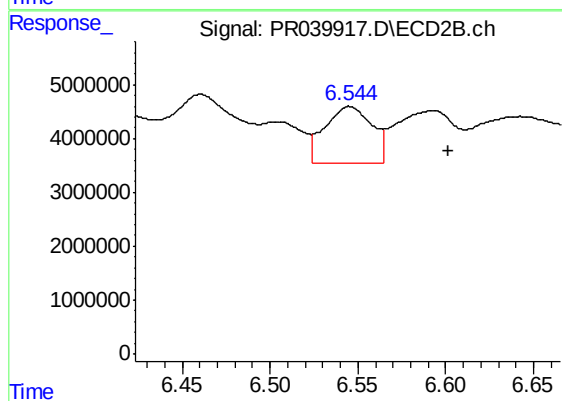
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 6.666 min
Response: 0
Conc: N.D.



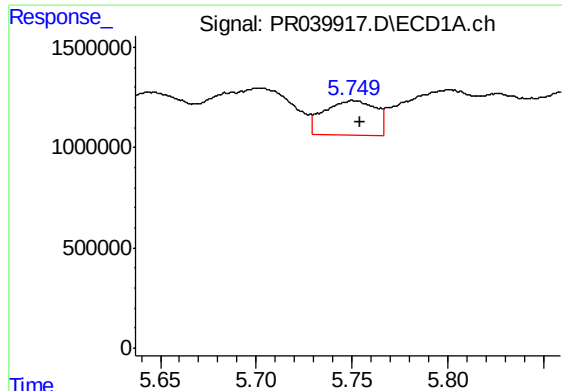
#26 AR-1254-1

R.T.: 5.613 min
Delta R.T.: 0.003 min
Response: 2931609
Conc: 19.01 ng/ml



#26 AR-1254-1

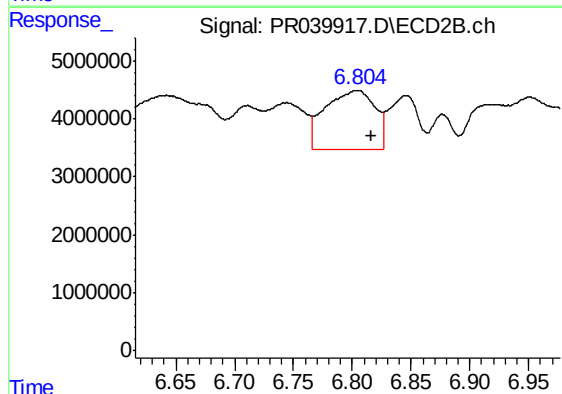
R.T.: 6.545 min
Delta R.T.: -0.056 min
Response: 19628142
Conc: 53.89 ng/ml



#27 AR-1254-2

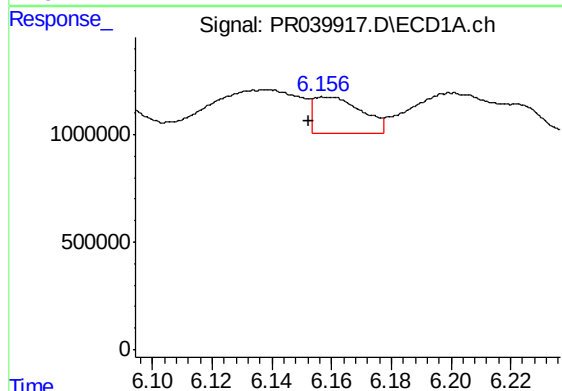
R.T.: 5.750 min
Delta R.T.: -0.004 min
Response: 3152451
Conc: 24.08 ng/ml

Instrument :
ECD_R
ClientSampleId :
HD-01-073019



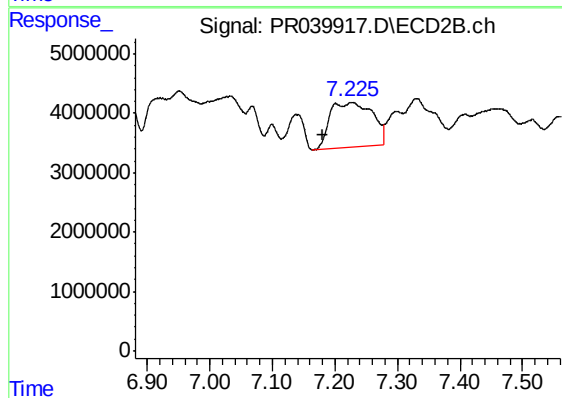
#27 AR-1254-2

R.T.: 6.804 min
Delta R.T.: -0.012 min
Response: 29895982
Conc: 52.34 ng/ml



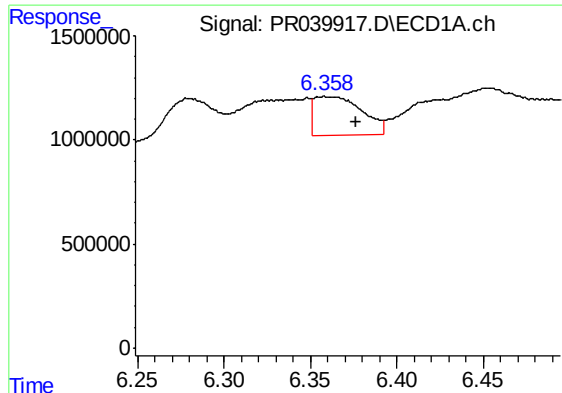
#28 AR-1254-3

R.T.: 6.157 min
Delta R.T.: 0.005 min
Response: 1883711
Conc: 8.43 ng/ml



#28 AR-1254-3

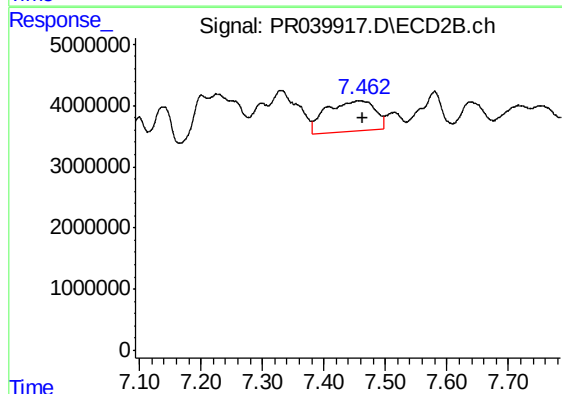
R.T.: 7.228 min
Delta R.T.: 0.046 min
Response: 35622031
Conc: 57.13 ng/ml



#29 AR-1254-4

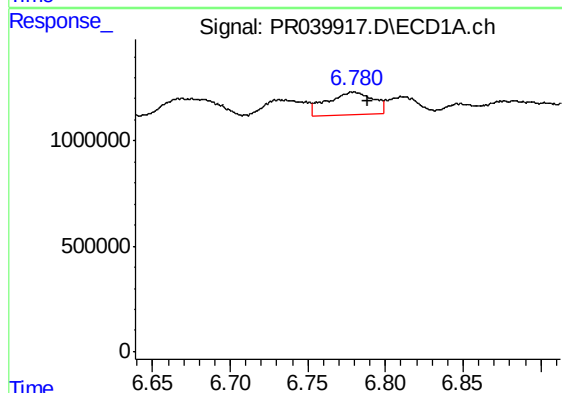
R.T.: 6.358 min
Delta R.T.: -0.019 min
Response: 3574081
Conc: 24.58 ng/ml

Instrument :
ECD_R
ClientSampleId :
HD-01-073019



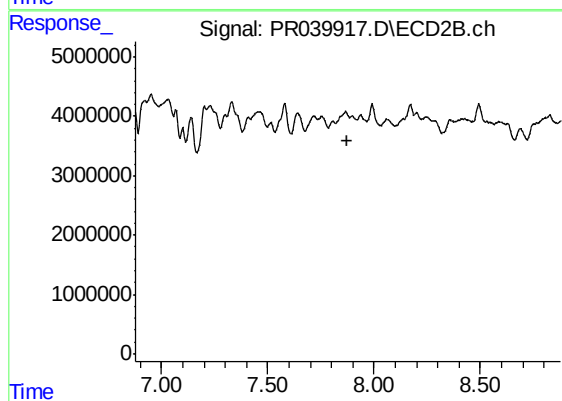
#29 AR-1254-4

R.T.: 7.458 min
Delta R.T.: -0.005 min
Response: 26864955
Conc: 59.32 ng/ml



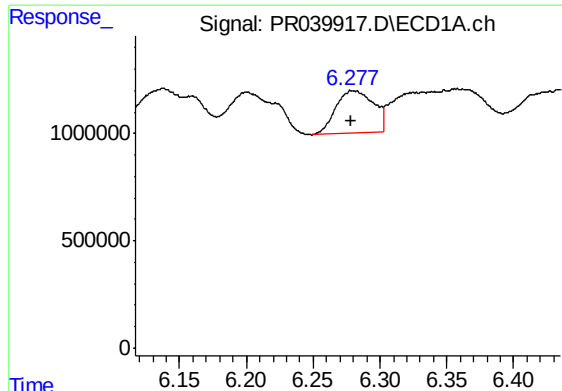
#30 AR-1254-5

R.T.: 6.780 min
Delta R.T.: -0.009 min
Response: 2176181
Conc: 11.43 ng/ml



#30 AR-1254-5

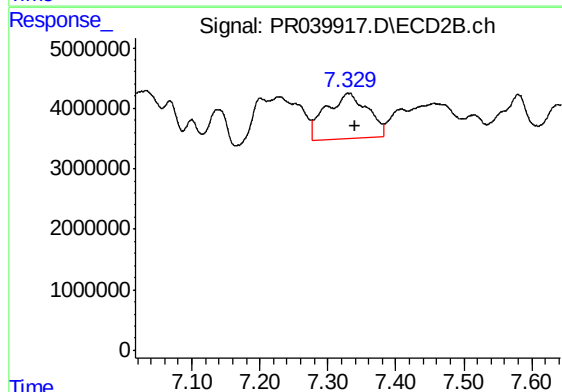
R.T.: 0.000 min
Exp R.T. : 7.878 min
Response: 0
Conc: N.D.



#31 AR-1260-1

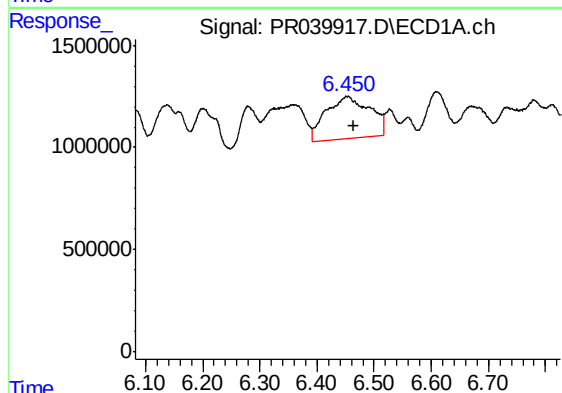
R.T.: 6.280 min
Delta R.T.: 0.001 min
Response: 3944591
Conc: 27.07 ng/ml

Instrument :
ECD_R
ClientSampleId :
HD-01-073019



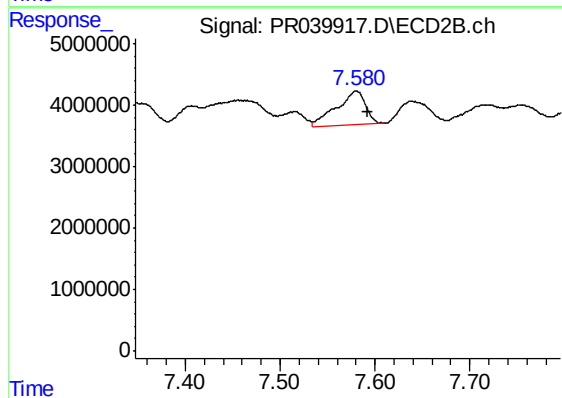
#31 AR-1260-1

R.T.: 7.331 min
Delta R.T.: -0.010 min
Response: 31791178
Conc: 71.65 ng/ml



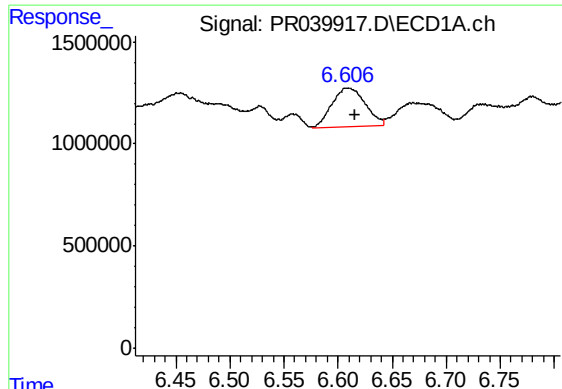
#32 AR-1260-2

R.T.: 6.452 min
Delta R.T.: -0.012 min
Response: 10899174
Conc: 59.20 ng/ml



#32 AR-1260-2

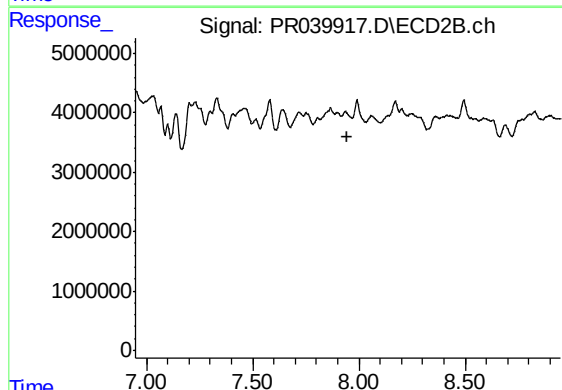
R.T.: 7.580 min
Delta R.T.: -0.013 min
Response: 11746999
Conc: 21.43 ng/ml



#33 AR-1260-3

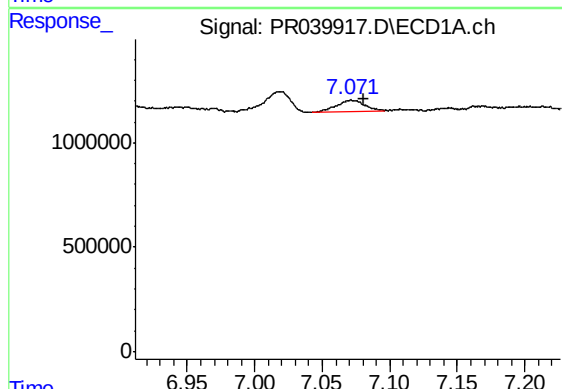
R.T.: 6.607 min
Delta R.T.: -0.008 min
Response: 4110327
Conc: 24.81 ng/ml

Instrument :
ECD_R
ClientSampleId :
HD-01-073019



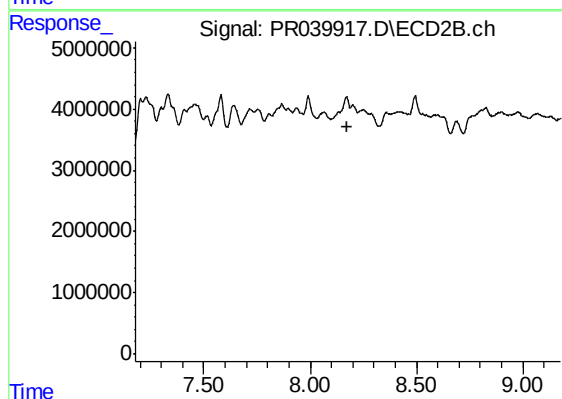
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 7.948 min
Response: 0
Conc: N.D.



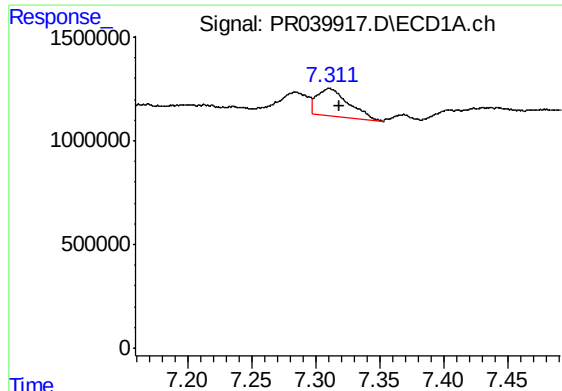
#34 AR-1260-4

R.T.: 7.071 min
Delta R.T.: -0.010 min
Response: 837332
Conc: 6.02 ng/ml



#34 AR-1260-4

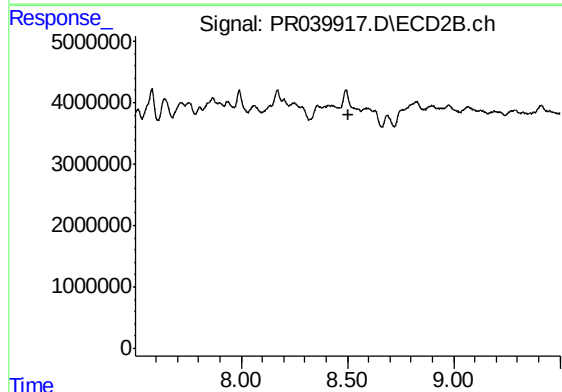
R.T.: 0.000 min
Exp R.T. : 8.178 min
Response: 0
Conc: N.D.



#35 AR-1260-5

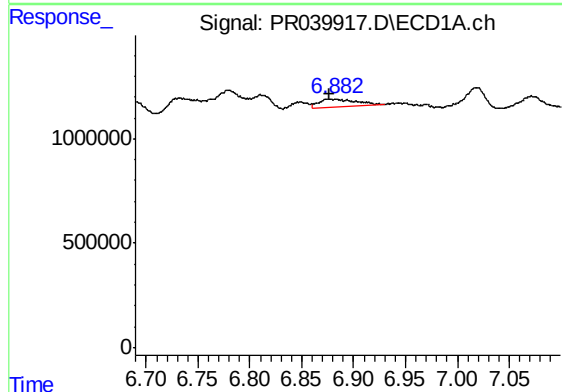
R.T.: 7.311 min
Delta R.T.: -0.008 min
Response: 2302795
Conc: 6.67 ng/ml

Instrument :
ECD_R
ClientSampleId :
HD-01-073019



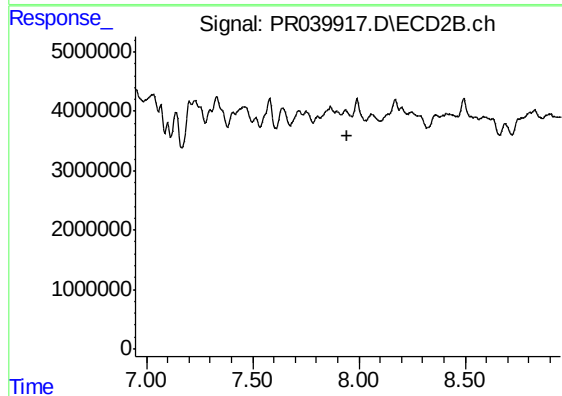
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 8.503 min
Response: 0
Conc: N.D.



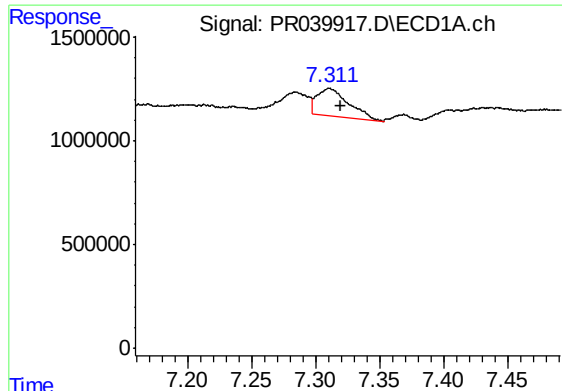
#36 AR-1262-1

R.T.: 6.876 min
Delta R.T.: 0.000 min
Response: 949256
Conc: 6.47 ng/ml



#36 AR-1262-1

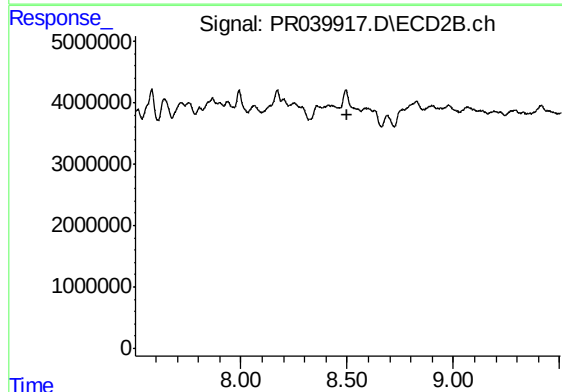
R.T.: 0.000 min
Exp R.T. : 7.948 min
Response: 0
Conc: N.D.



#37 AR-1262-2

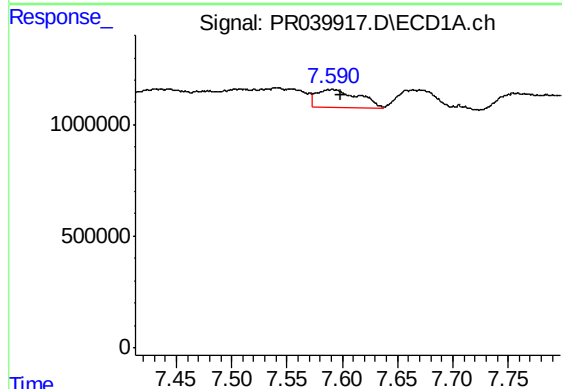
R.T.: 7.311 min
Delta R.T.: -0.009 min
Response: 2302795
Conc: 3.41 ng/ml

Instrument :
ECD_R
ClientSampleId :
HD-01-073019



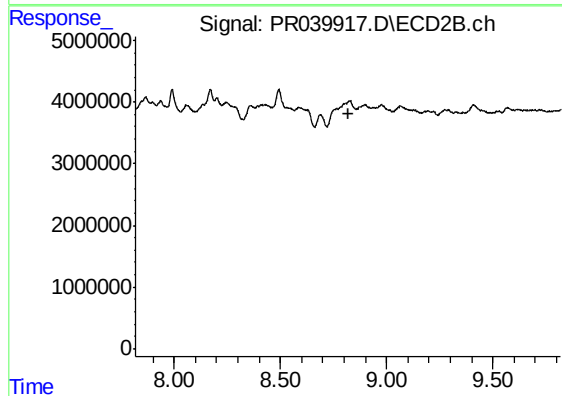
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 8.504 min
Response: 0
Conc: N.D.



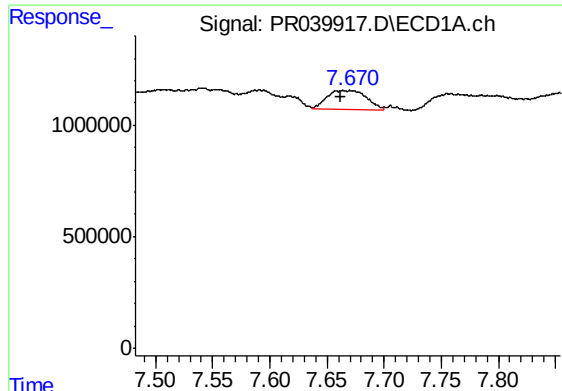
#38 AR-1262-3

R.T.: 7.591 min
Delta R.T.: -0.008 min
Response: 2189330
Conc: 9.22 ng/ml



#38 AR-1262-3

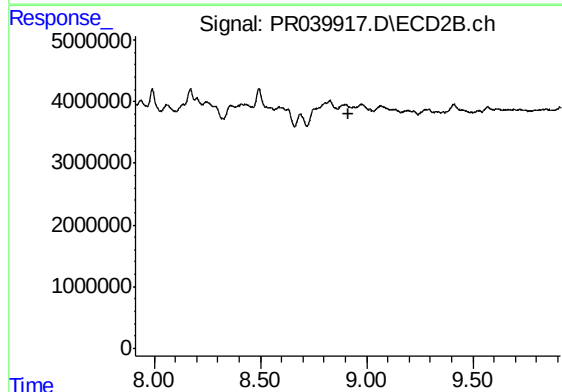
R.T.: 0.000 min
Exp R.T. : 8.819 min
Response: 0
Conc: N.D.



#39 AR-1262-4

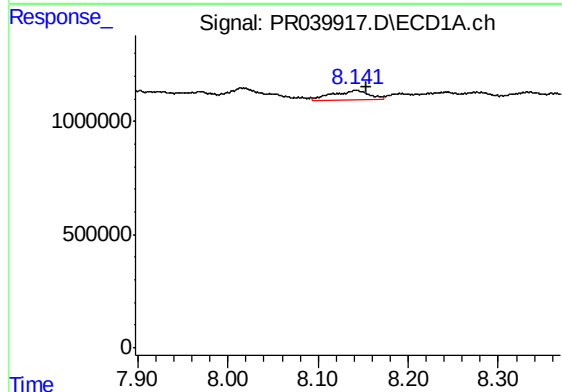
R.T.: 7.664 min
Delta R.T.: 0.002 min
Response: 2068206
Conc: 4.47 ng/ml

Instrument :
ECD_R
ClientSampleId :
HD-01-073019



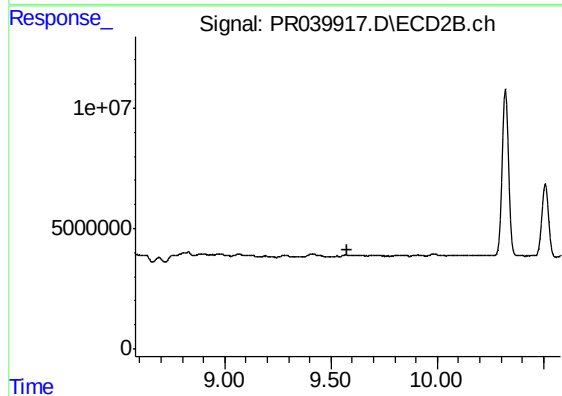
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 8.912 min
Response: 0
Conc: N.D.



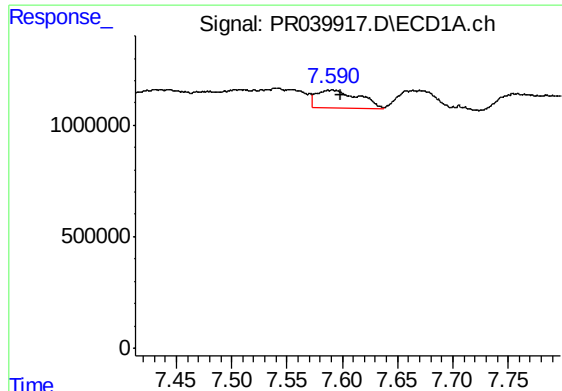
#40 AR-1262-5

R.T.: 8.142 min
Delta R.T.: -0.011 min
Response: 1272744
Conc: 6.55 ng/ml



#40 AR-1262-5

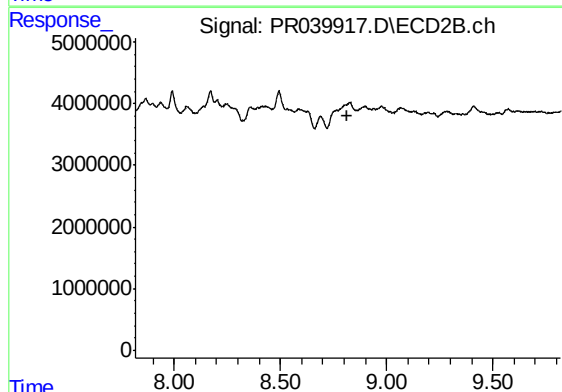
R.T.: 0.000 min
Exp R.T. : 9.580 min
Response: 0
Conc: N.D.



#41 AR-1268-1

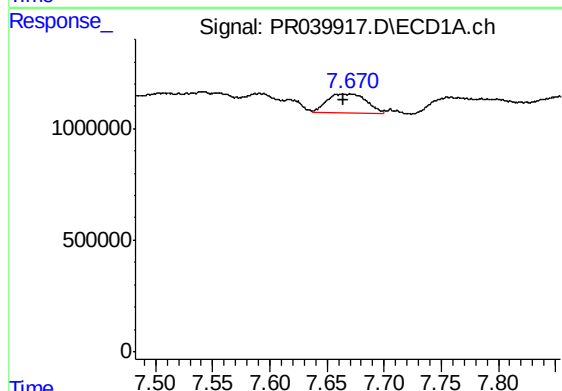
R.T.: 7.591 min
Delta R.T.: -0.008 min
Response: 2189330
Conc: 2.86 ng/ml

Instrument :
ECD_R
ClientSampleId :
HD-01-073019



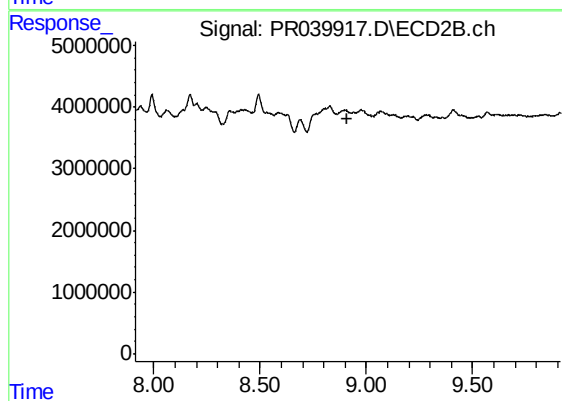
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 8.818 min
Response: 0
Conc: N.D.



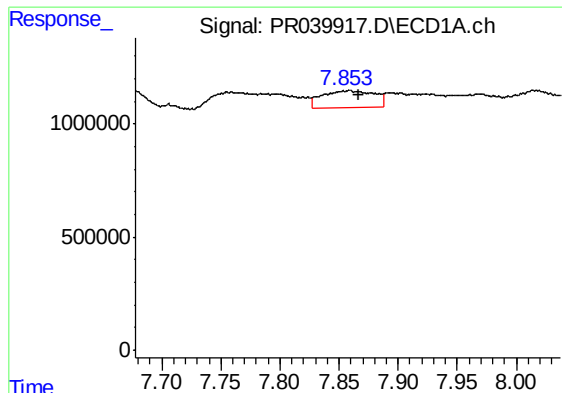
#42 AR-1268-2

R.T.: 7.664 min
Delta R.T.: 0.000 min
Response: 2068206
Conc: 2.95 ng/ml



#42 AR-1268-2

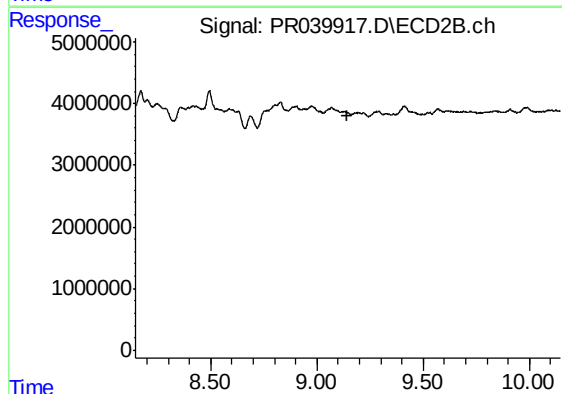
R.T.: 0.000 min
Exp R.T. : 8.913 min
Response: 0
Conc: N.D.



#43 AR-1268-3

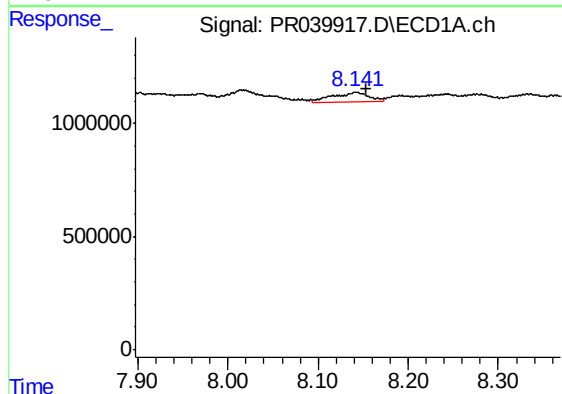
R.T.: 7.858 min
Delta R.T.: -0.008 min
Response: 2231026
Conc: 4.01 ng/ml

Instrument :
ECD_R
ClientSampleId :
HD-01-073019



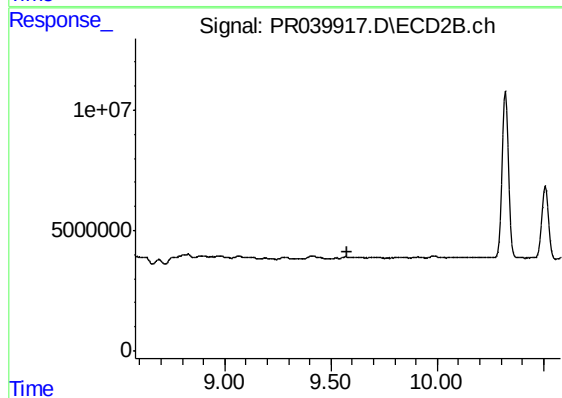
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 9.146 min
Response: 0
Conc: N.D.



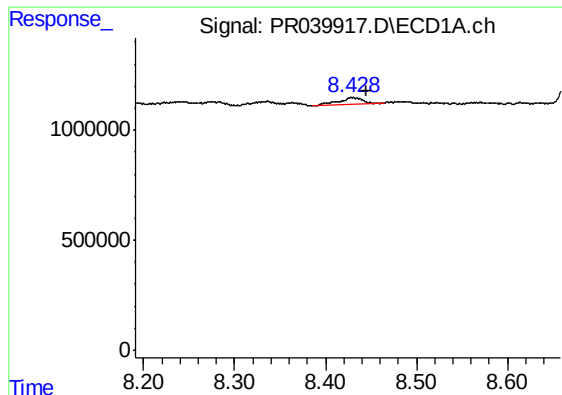
#44 AR-1268-4

R.T.: 8.142 min
Delta R.T.: -0.012 min
Response: 1272744
Conc: 5.52 ng/ml



#44 AR-1268-4

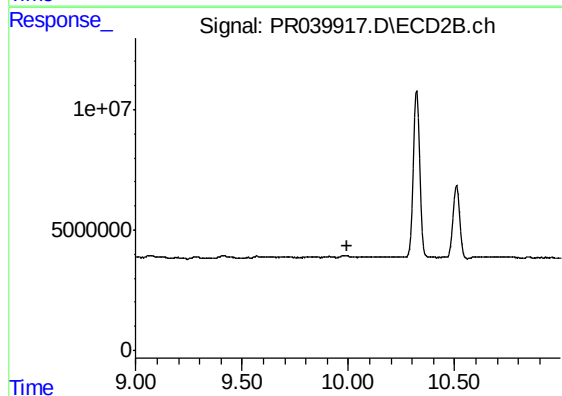
R.T.: 0.000 min
Exp R.T. : 9.580 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.429 min
Delta R.T.: -0.015 min
Response: 559123
Conc: 0.33 ng/ml

Instrument :
ECD_R
ClientSampleId :
HD-01-073019



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.998 min
Response: 0
Conc: N.D.