

Data Path : P:\HPCHEM1\ECD_R\Data\PR110617\
 Data File : PR022602.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Nov 2017 17:31
 Operator : UA/SM
 Sample : I5719-12RE
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 07 14:44:22 2017
 Quant Method : P:\HPCHEM1\ECD_R\Method\PR101917CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Oct 23 00:14:54 2017
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	4.475	3.519	382.7E6	1041.7E6	18.147	26.539 #
2)	SA Decachlor...	10.108	8.314	323.5E6	802.8E6	16.901	14.615
Target Compounds							
3)	L1 AR-1016-1	4.832	3.877	15859772	41621489	46.285	67.481 #
4)	L1 AR-1016-2	5.320	4.630	25485243	69506045	53.707	50.911
5)	L1 AR-1016-3	5.655f	4.988	8845816	135.3E6	12.292	127.795 #
6)	L1 AR-1016-4	0.000	5.317	0	65904866	N.D.	51.342 #
7)	L1 AR-1016-5	6.018f	5.454	6403487	82495185	12.250	79.561 #
8)	L2 AR-1221-1	4.650	3.715	16496005	145.0E6	61.528	309.545 #
9)	L2 AR-1221-2	4.775	3.805	20970104	62135466	117.139	203.400 #
10)	L2 AR-1221-3	4.832	3.877	15859772	41621489	25.422	38.931 #
11)	L3 AR-1232-1	4.832	3.877	15859772	41621489	30.637	45.026 #
12)	L3 AR-1232-2	5.226f	4.357	31026048	65281862	111.524	126.007
13)	L3 AR-1232-3	5.320	4.737	25485243	75735632	96.847	152.817 #
14)	L3 AR-1232-4	5.655f	4.827	8845816	64100666	25.266	137.903 #
15)	L3 AR-1232-5	0.000	5.363	0	24660112	N.D.	40.943 #
16)	L4 AR-1242-1	5.226	4.357	31026048	65281862	116.681	80.381 #
17)	L4 AR-1242-2	5.655	4.607f	8845816	74152937	9.036	24.088 #
18)	L4 AR-1242-3	5.655f	4.630	8845816	69506045	14.754	54.120 #
19)	L4 AR-1242-4	5.884	4.827	17497180	64100666	40.078	68.365 #
20)	L4 AR-1242-5	6.264f	5.119	170.8E6	207.7E6	324.949	192.635 #
21)	L5 AR-1248-1	5.884	4.774	17497180	90843551	22.605	72.707 #
22)	L5 AR-1248-2	6.454	5.277	13804812	79074004	18.025	79.147 #
23)	L5 AR-1248-3	6.487	5.317	3716001	65904866	3.527	26.474 #
24)	L5 AR-1248-4	6.487	5.508	3716001	95781236	3.719	62.153 #
25)	L5 AR-1248-5	6.671	5.844	19776619	150.1E6	19.420	130.520 #
26)	L6 AR-1254-1	6.671	5.454	19776619	82495185	12.209	33.127 #
27)	L6 AR-1254-2	6.946	5.758	11579179	115.9E6	11.816	55.531 #
28)	L6 AR-1254-3	7.031	5.971	70856427	69250122	40.479	32.746
29)	L6 AR-1254-4	7.313	6.063	47675956	172.5E6	32.882	44.914 #
30)	L6 AR-1254-5	7.581	6.372	78818410	12883498	77.538	6.502 #
31)	L7 AR-1260-1	7.191	5.971	25900288	69250122	25.469	29.069
32)	L7 AR-1260-2	7.448	6.153	65000836	125.2E6	46.994	33.379 #
33)	L7 AR-1260-3	7.730	6.328	59026384	49966020	35.926	16.929 #
34)	L7 AR-1260-4	8.010	6.764	138.7E6	74036771	139.553	34.189 #
35)	L7 AR-1260-5	8.340	6.998	40685848	48418144	18.535	6.920 #
36)	L8 AR-1262-1	7.448	6.529	65000836	8185650	46.522	1.329 #
37)	L8 AR-1262-2	7.761f	6.764	162.4E6	74036771	74.634	17.422 #
38)	L8 AR-1262-3	8.010	6.998	138.7E6	48418144	83.410	4.469 #
39)	L8 AR-1262-4	8.340	7.331	40685848	154.0E6	11.223	20.143 #
40)	L8 AR-1262-5	9.344	7.857	233.4E6	3193345	183.460	0.802 #
41)	L9 AR-1268-1	8.684	7.274	311.3E6	35597868	70.879	3.204 #

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 Misc :
 ALS Vial : 19 Sample Multiplier: 1

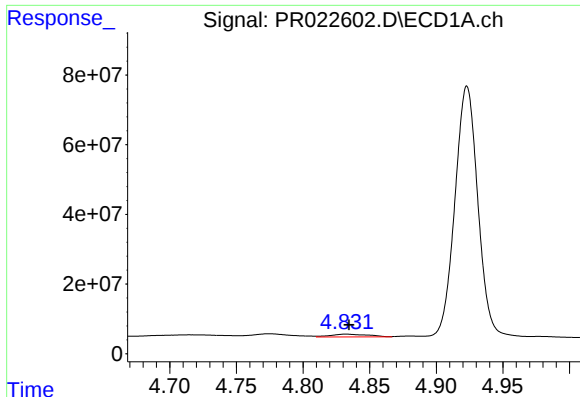
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 07 14:44:22 2017
 Quant Method : P:\HPCHEM1\ECD_R\Method\PR101917CLP.M
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Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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	8.684f	7.331	311.3E6	154.0E6	81.782	13.408 #
43) L9	AR-1268-3	9.042	7.511	237.5E6	76531658	245.189	6.969 #
44) L9	AR-1268-4	9.344	7.857	233.4E6	3193345	177.742	0.577 #
45) L9	AR-1268-5	0.000	8.089	0	5144273	N.D.	0.173 #

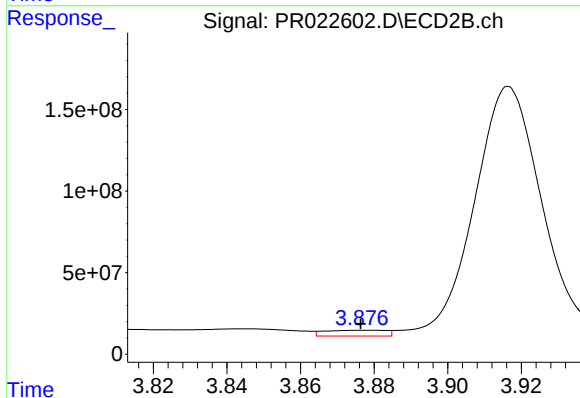
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

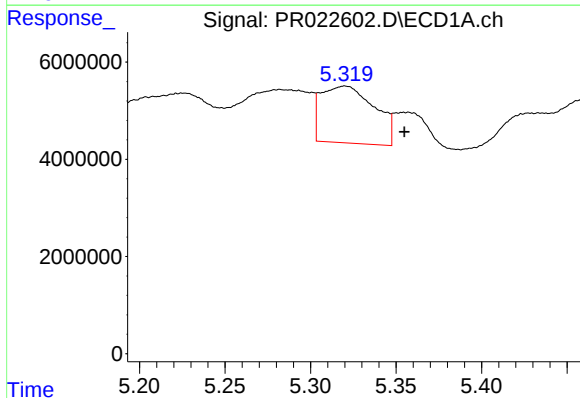
R.T.: 4.832 min
Delta R.T.: -0.003 min
Response: 15859772
Conc: 46.28 ng/ml

Instrument :
ECD_R
ClientSampleId :



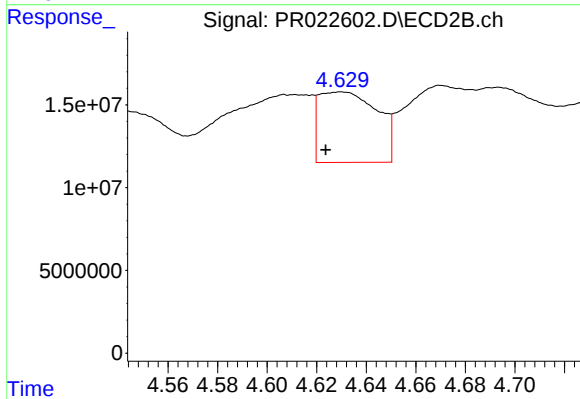
#3 AR-1016-1

R.T.: 3.877 min
Delta R.T.: 0.000 min
Response: 41621489
Conc: 67.48 ng/ml



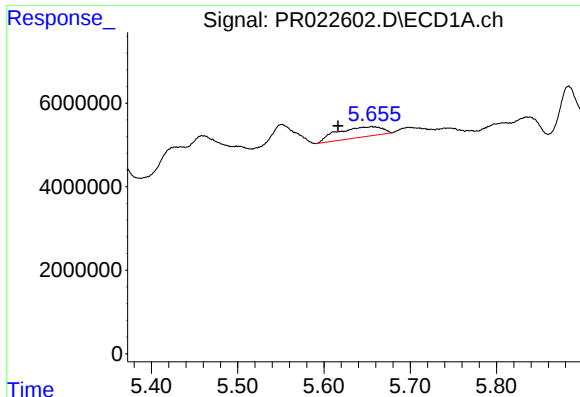
#4 AR-1016-2

R.T.: 5.320 min
Delta R.T.: -0.035 min
Response: 25485243
Conc: 53.71 ng/ml



#4 AR-1016-2

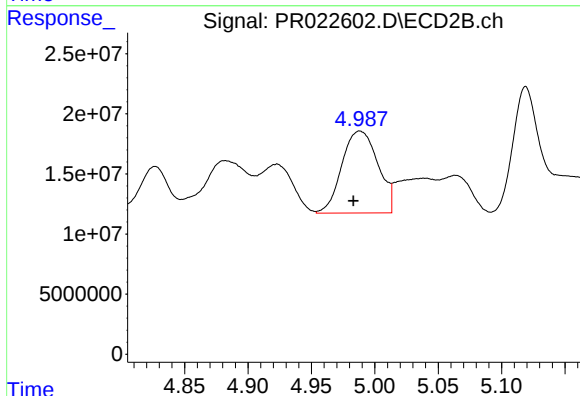
R.T.: 4.630 min
Delta R.T.: 0.006 min
Response: 69506045
Conc: 50.91 ng/ml



#5 AR-1016-3

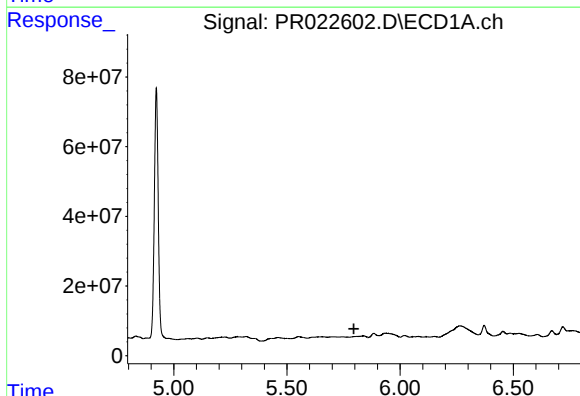
R.T.: 5.655 min
Delta R.T.: 0.039 min
Response: 8845816
Conc: 12.29 ng/ml

Instrument :
ECD_R
ClientSampleId :



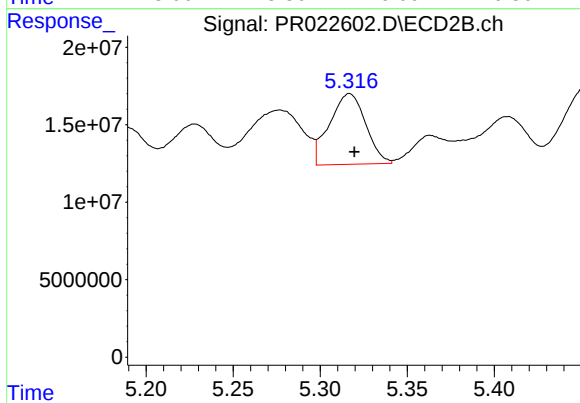
#5 AR-1016-3

R.T.: 4.988 min
Delta R.T.: 0.005 min
Response: 135295850
Conc: 127.80 ng/ml



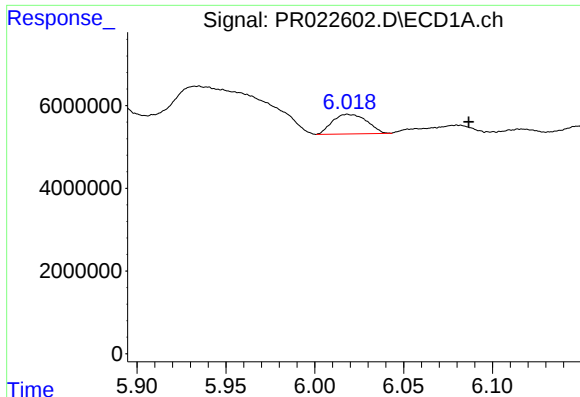
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.796 min
Response: 0
Conc: N.D.



#6 AR-1016-4

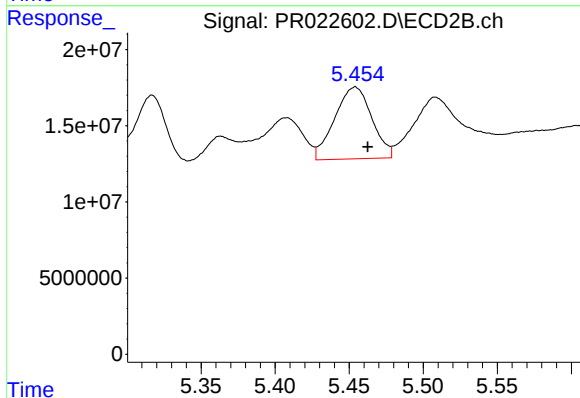
R.T.: 5.317 min
Delta R.T.: -0.003 min
Response: 65904866
Conc: 51.34 ng/ml



#7 AR-1016-5

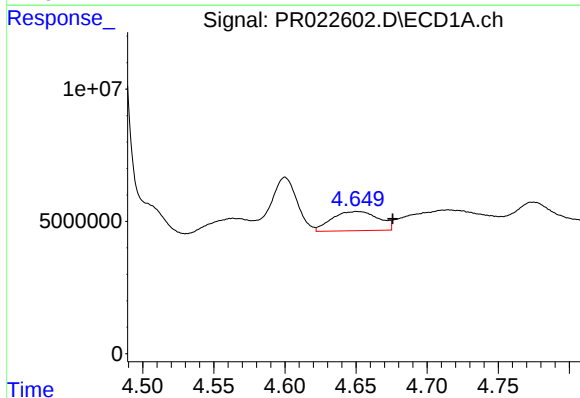
R.T.: 6.018 min
Delta R.T.: -0.068 min
Response: 6403487
Conc: 12.25 ng/ml

Instrument :
ECD_R
ClientSampleId :



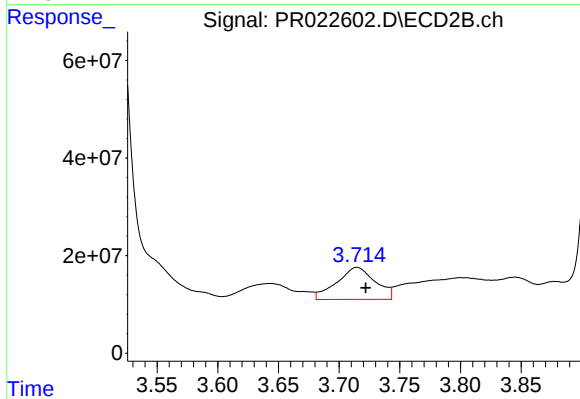
#7 AR-1016-5

R.T.: 5.454 min
Delta R.T.: -0.008 min
Response: 82495185
Conc: 79.56 ng/ml



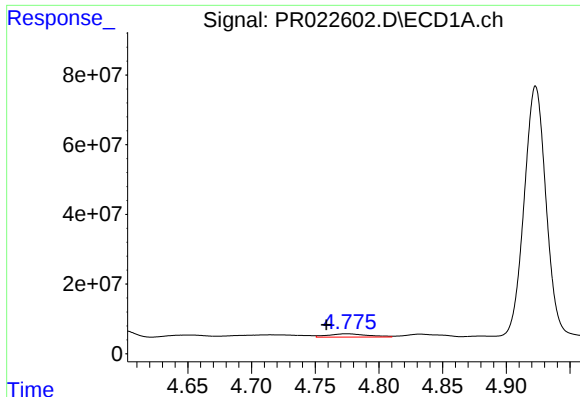
#8 AR-1221-1

R.T.: 4.650 min
Delta R.T.: -0.026 min
Response: 16496005
Conc: 61.53 ng/ml



#8 AR-1221-1

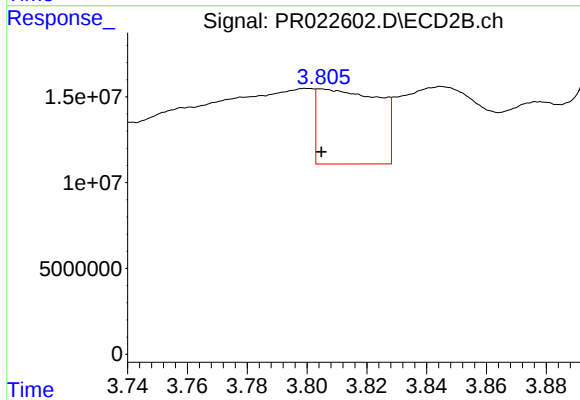
R.T.: 3.715 min
Delta R.T.: -0.007 min
Response: 145019934
Conc: 309.55 ng/ml



#9 AR-1221-2

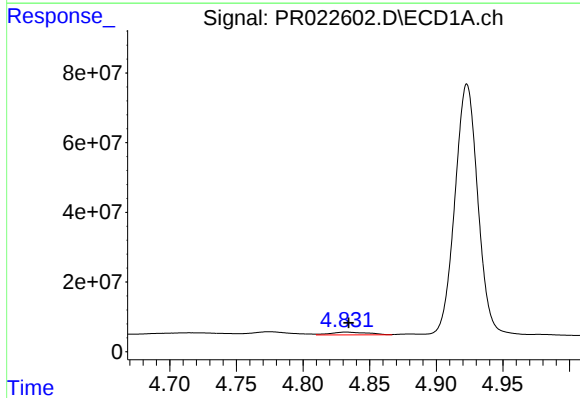
R.T.: 4.775 min
Delta R.T.: 0.017 min
Response: 20970104
Conc: 117.14 ng/ml

Instrument :
ECD_R
ClientSampleId :



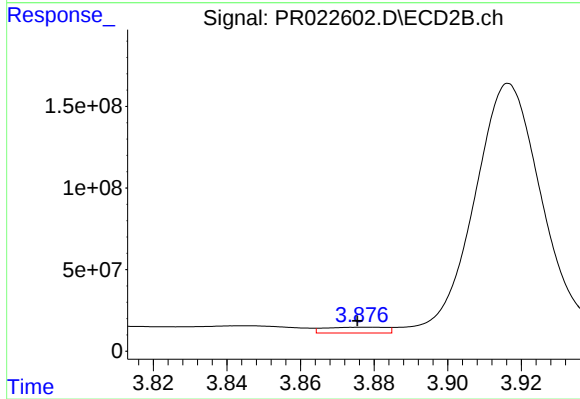
#9 AR-1221-2

R.T.: 3.805 min
Delta R.T.: 0.000 min
Response: 62135466
Conc: 203.40 ng/ml



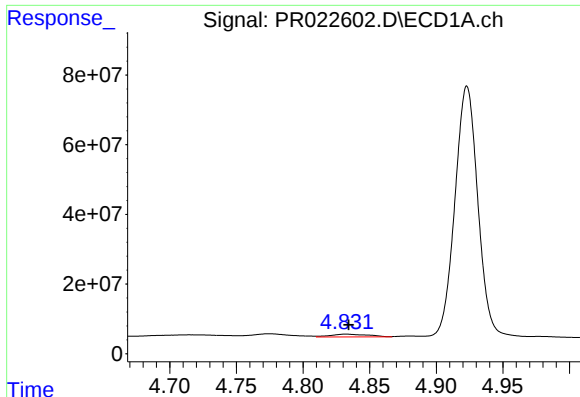
#10 AR-1221-3

R.T.: 4.832 min
Delta R.T.: -0.002 min
Response: 15859772
Conc: 25.42 ng/ml



#10 AR-1221-3

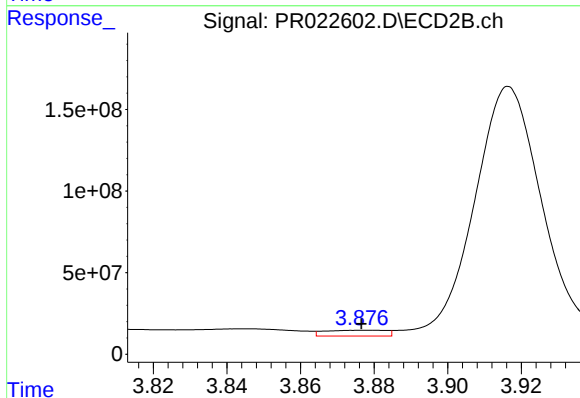
R.T.: 3.877 min
Delta R.T.: 0.001 min
Response: 41621489
Conc: 38.93 ng/ml



#11 AR-1232-1

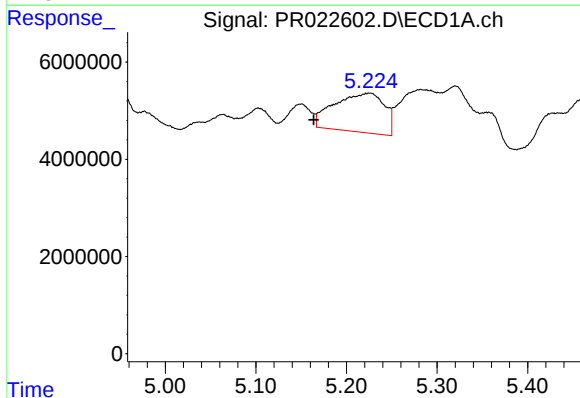
R.T.: 4.832 min
Delta R.T.: -0.002 min
Response: 15859772
Conc: 30.64 ng/ml

Instrument :
ECD_R
ClientSampleId :



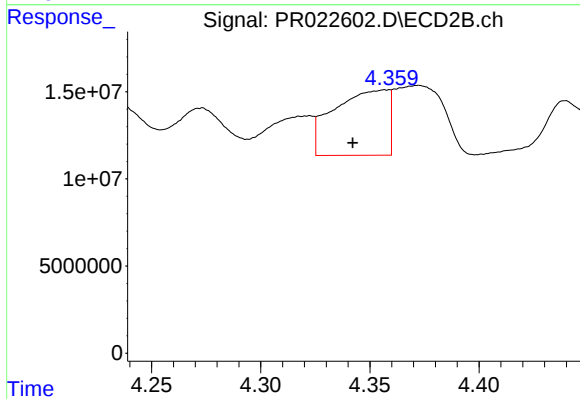
#11 AR-1232-1

R.T.: 3.877 min
Delta R.T.: 0.000 min
Response: 41621489
Conc: 45.03 ng/ml



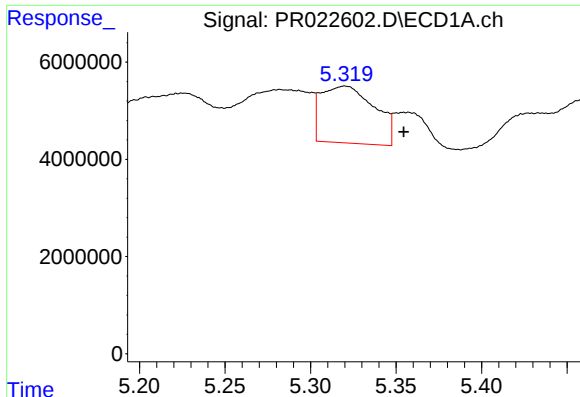
#12 AR-1232-2

R.T.: 5.226 min
Delta R.T.: 0.062 min
Response: 31026048
Conc: 111.52 ng/ml



#12 AR-1232-2

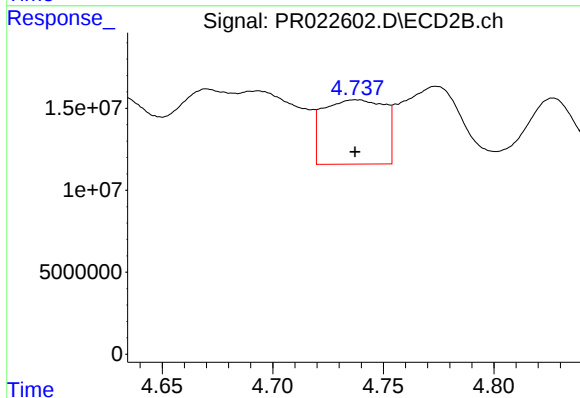
R.T.: 4.357 min
Delta R.T.: 0.015 min
Response: 65281862
Conc: 126.01 ng/ml



#13 AR-1232-3

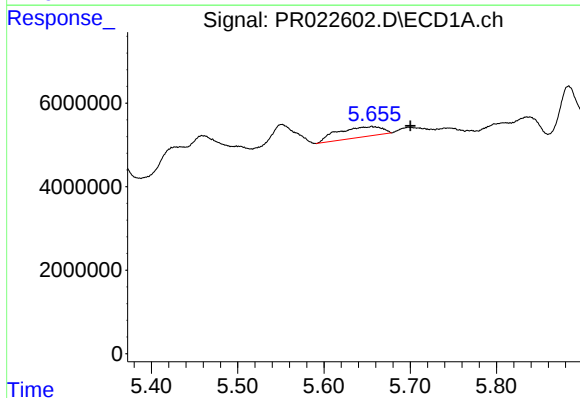
R.T.: 5.320 min
Delta R.T.: -0.035 min
Response: 25485243
Conc: 96.85 ng/ml

Instrument :
ECD_R
ClientSampleId :



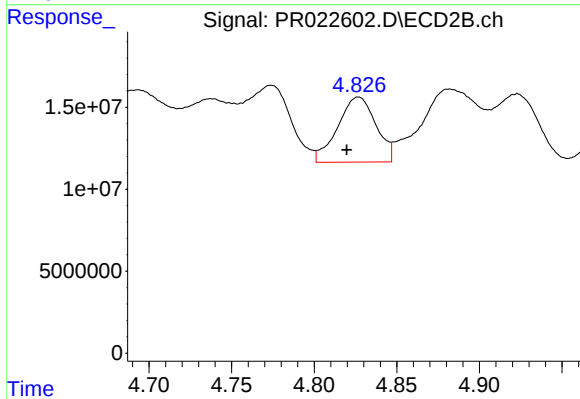
#13 AR-1232-3

R.T.: 4.737 min
Delta R.T.: 0.000 min
Response: 75735632
Conc: 152.82 ng/ml



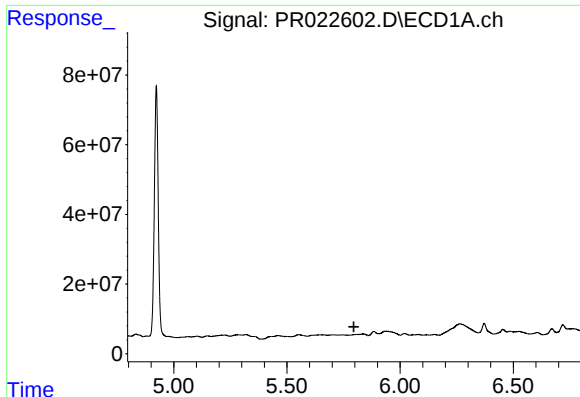
#14 AR-1232-4

R.T.: 5.655 min
Delta R.T.: -0.045 min
Response: 8845816
Conc: 25.27 ng/ml



#14 AR-1232-4

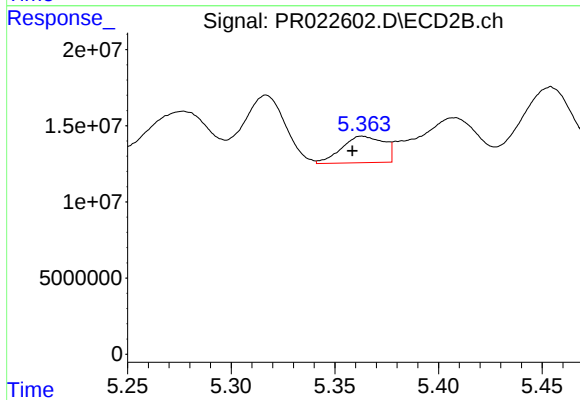
R.T.: 4.827 min
Delta R.T.: 0.007 min
Response: 64100666
Conc: 137.90 ng/ml



#15 AR-1232-5

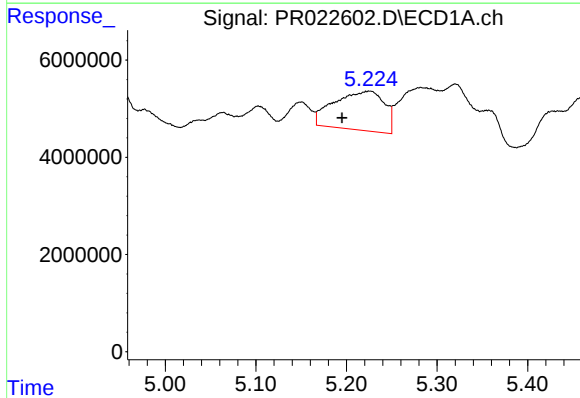
R.T.: 0.000 min
Exp R.T.: 5.796 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



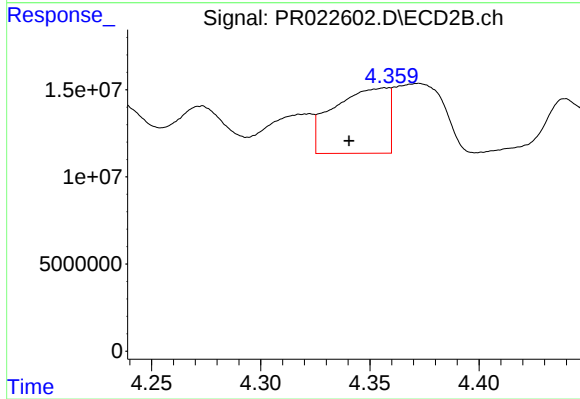
#15 AR-1232-5

R.T.: 5.363 min
Delta R.T.: 0.005 min
Response: 24660112
Conc: 40.94 ng/ml



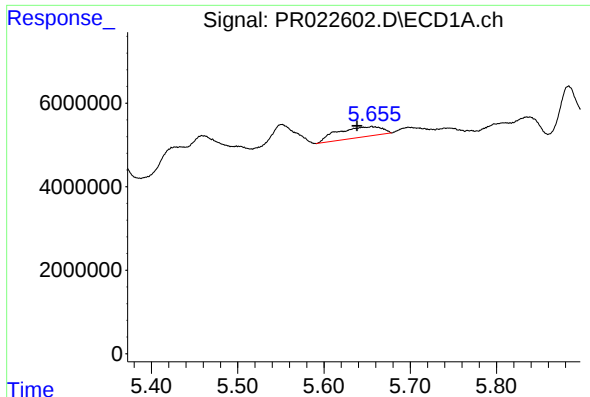
#16 AR-1242-1

R.T.: 5.226 min
Delta R.T.: 0.031 min
Response: 31026048
Conc: 116.68 ng/ml



#16 AR-1242-1

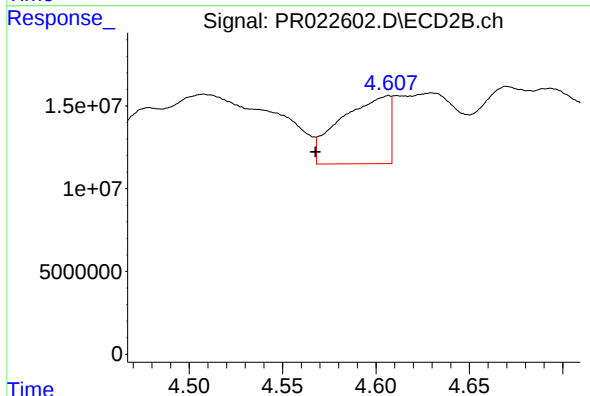
R.T.: 4.357 min
Delta R.T.: 0.016 min
Response: 65281862
Conc: 80.38 ng/ml



#17 AR-1242-2

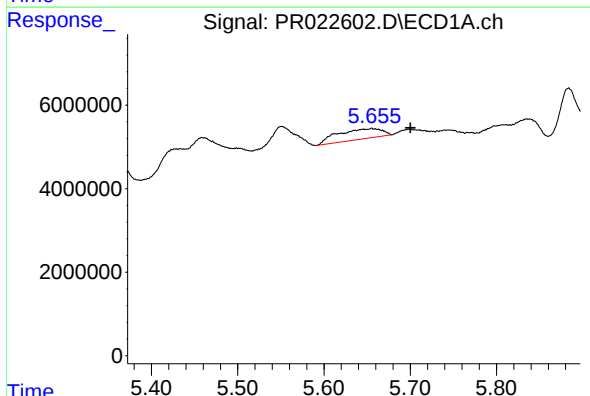
R.T.: 5.655 min
Delta R.T.: 0.017 min
Response: 8845816
Conc: 9.04 ng/ml

Instrument :
ECD_R
ClientSampleId :



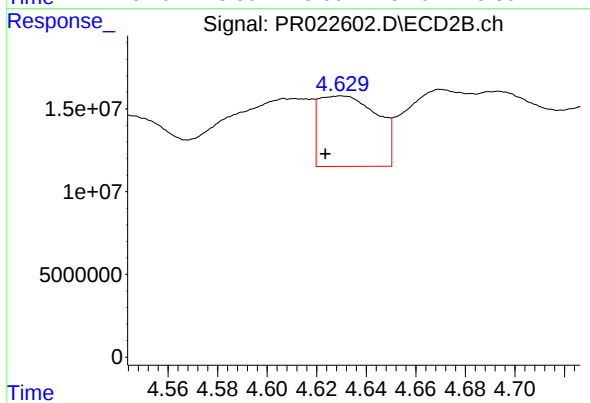
#17 AR-1242-2

R.T.: 4.607 min
Delta R.T.: 0.039 min
Response: 74152937
Conc: 24.09 ng/ml



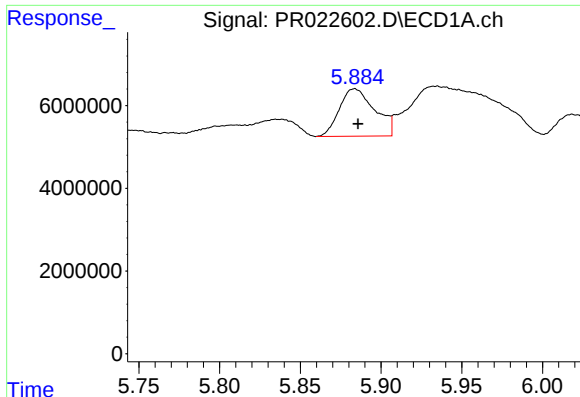
#18 AR-1242-3

R.T.: 5.655 min
Delta R.T.: -0.045 min
Response: 8845816
Conc: 14.75 ng/ml



#18 AR-1242-3

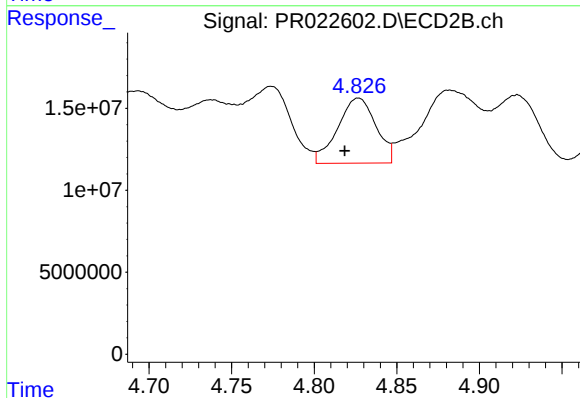
R.T.: 4.630 min
Delta R.T.: 0.006 min
Response: 69506045
Conc: 54.12 ng/ml



#19 AR-1242-4

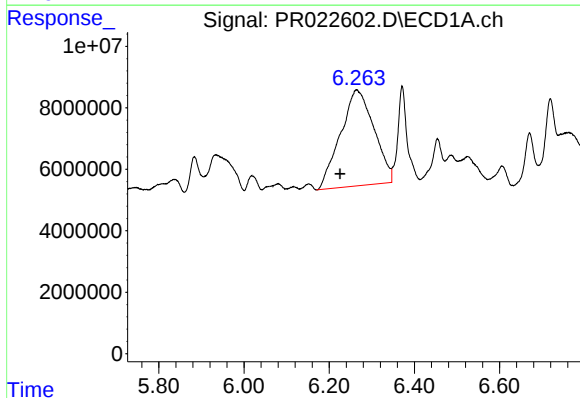
R.T.: 5.884 min
Delta R.T.: -0.002 min
Response: 17497180
Conc: 40.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



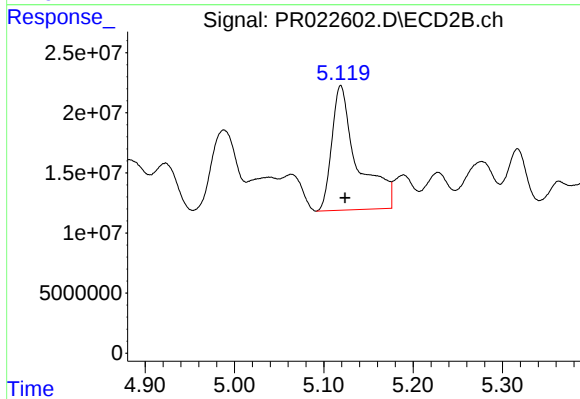
#19 AR-1242-4

R.T.: 4.827 min
Delta R.T.: 0.008 min
Response: 64100666
Conc: 68.37 ng/ml



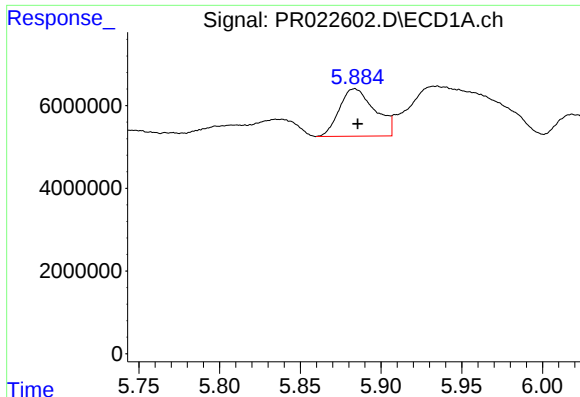
#20 AR-1242-5

R.T.: 6.264 min
Delta R.T.: 0.039 min
Response: 170774522
Conc: 324.95 ng/ml



#20 AR-1242-5

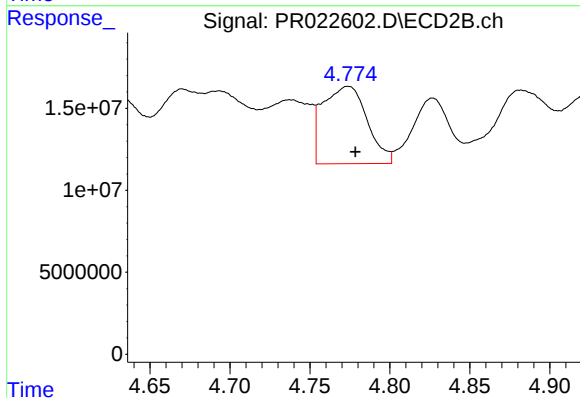
R.T.: 5.119 min
Delta R.T.: -0.005 min
Response: 207671460
Conc: 192.64 ng/ml



#21 AR-1248-1

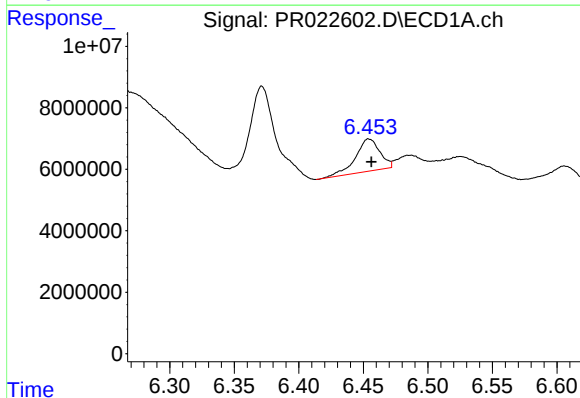
R.T.: 5.884 min
Delta R.T.: -0.002 min
Response: 17497180
Conc: 22.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



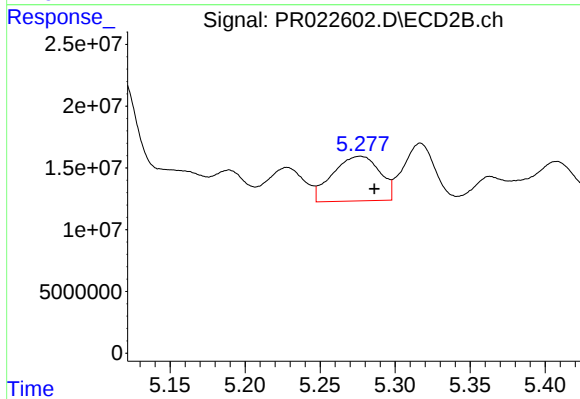
#21 AR-1248-1

R.T.: 4.774 min
Delta R.T.: -0.005 min
Response: 90843551
Conc: 72.71 ng/ml



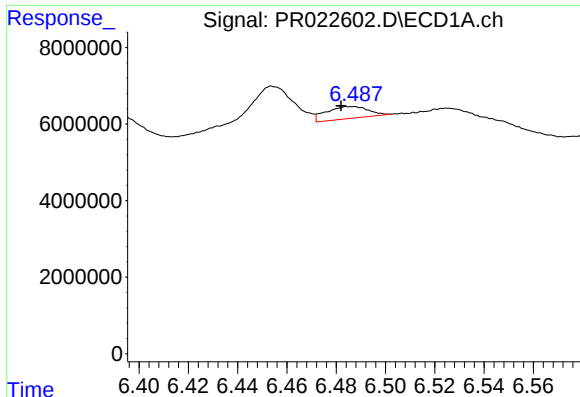
#22 AR-1248-2

R.T.: 6.454 min
Delta R.T.: -0.002 min
Response: 13804812
Conc: 18.03 ng/ml



#22 AR-1248-2

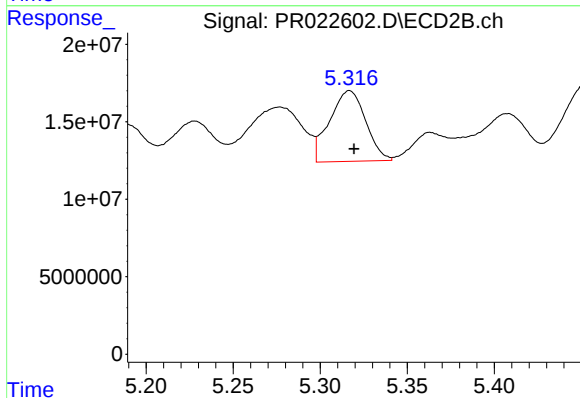
R.T.: 5.277 min
Delta R.T.: -0.009 min
Response: 79074004
Conc: 79.15 ng/ml



#23 AR-1248-3

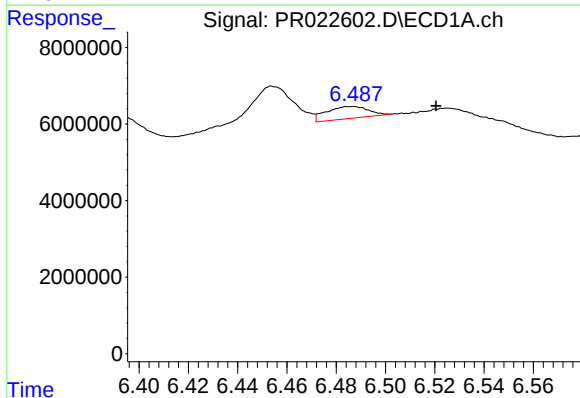
R.T.: 6.487 min
Delta R.T.: 0.005 min
Response: 3716001
Conc: 3.53 ng/ml

Instrument :
ECD_R
ClientSampleId :



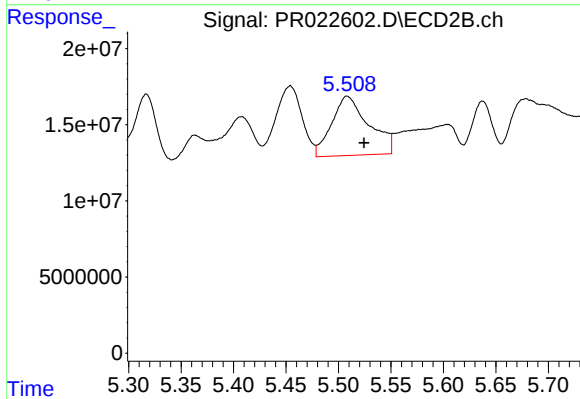
#23 AR-1248-3

R.T.: 5.317 min
Delta R.T.: -0.003 min
Response: 65904866
Conc: 26.47 ng/ml



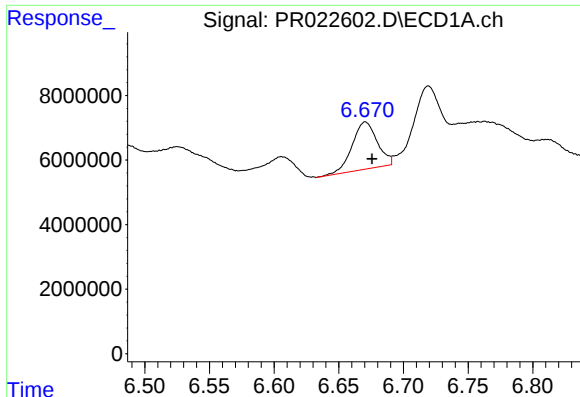
#24 AR-1248-4

R.T.: 6.487 min
Delta R.T.: -0.033 min
Response: 3716001
Conc: 3.72 ng/ml



#24 AR-1248-4

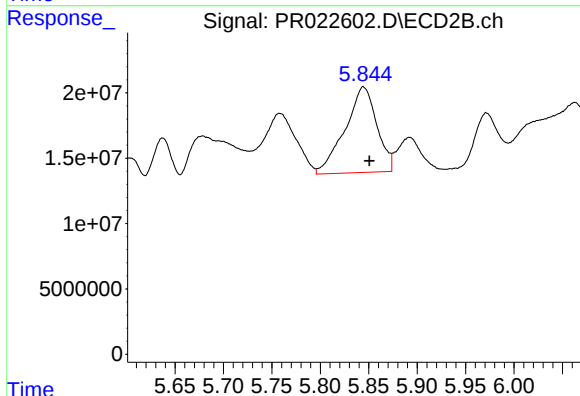
R.T.: 5.508 min
Delta R.T.: -0.016 min
Response: 95781236
Conc: 62.15 ng/ml



#25 AR-1248-5

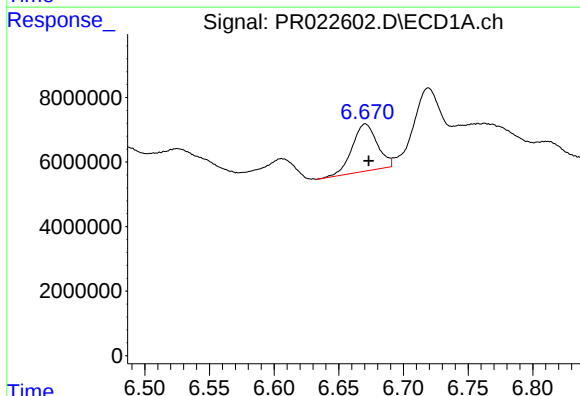
R.T.: 6.671 min
Delta R.T.: -0.005 min
Response: 19776619
Conc: 19.42 ng/ml

Instrument :
ECD_R
ClientSampleId :



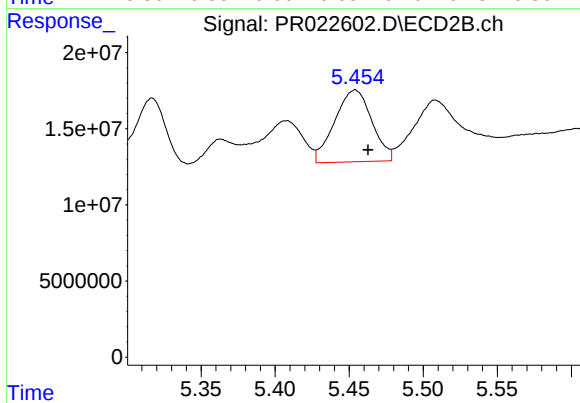
#25 AR-1248-5

R.T.: 5.844 min
Delta R.T.: -0.006 min
Response: 150116530
Conc: 130.52 ng/ml



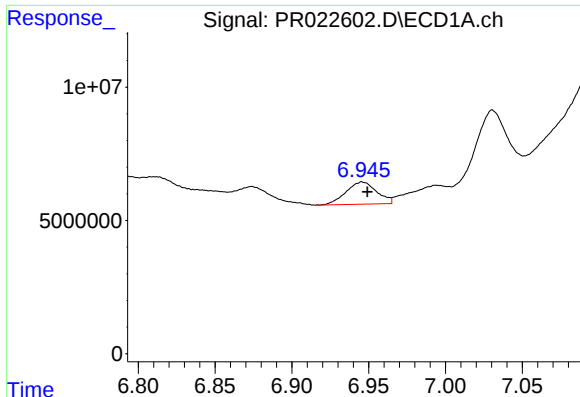
#26 AR-1254-1

R.T.: 6.671 min
Delta R.T.: -0.003 min
Response: 19776619
Conc: 12.21 ng/ml



#26 AR-1254-1

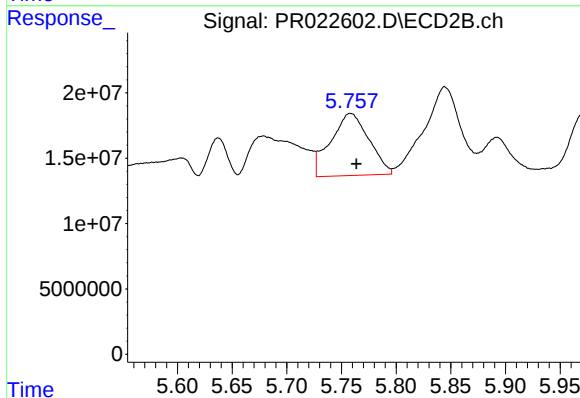
R.T.: 5.454 min
Delta R.T.: -0.009 min
Response: 82495185
Conc: 33.13 ng/ml



#27 AR-1254-2

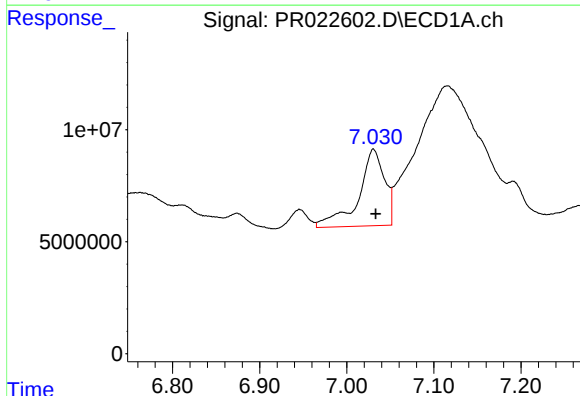
R.T.: 6.946 min
Delta R.T.: -0.003 min
Response: 11579179
Conc: 11.82 ng/ml

Instrument :
ECD_R
ClientSampleId :



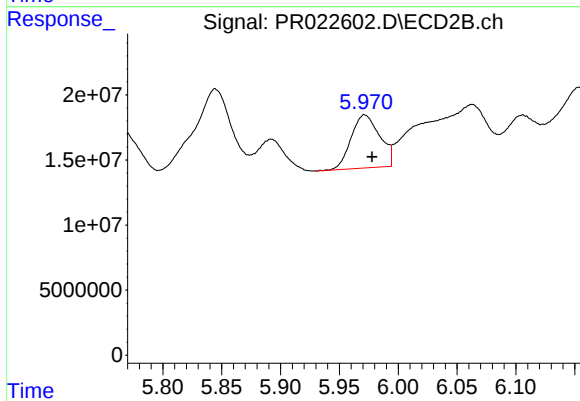
#27 AR-1254-2

R.T.: 5.758 min
Delta R.T.: -0.006 min
Response: 115920550
Conc: 55.53 ng/ml



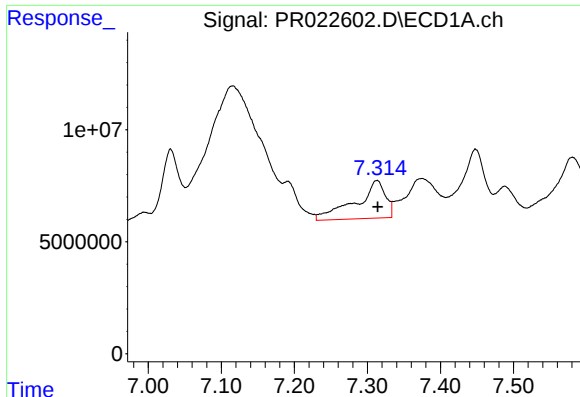
#28 AR-1254-3

R.T.: 7.031 min
Delta R.T.: -0.003 min
Response: 70856427
Conc: 40.48 ng/ml



#28 AR-1254-3

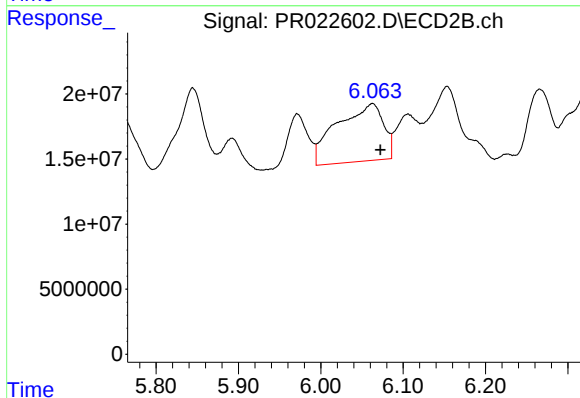
R.T.: 5.971 min
Delta R.T.: -0.007 min
Response: 69250122
Conc: 32.75 ng/ml



#29 AR-1254-4

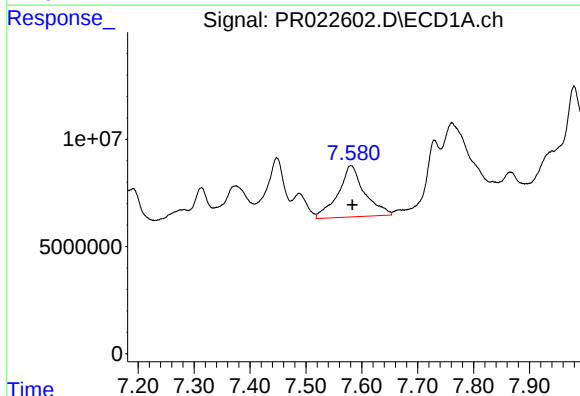
R.T.: 7.313 min
Delta R.T.: -0.001 min
Response: 47675956
Conc: 32.88 ng/ml

Instrument :
ECD_R
ClientSampleId :



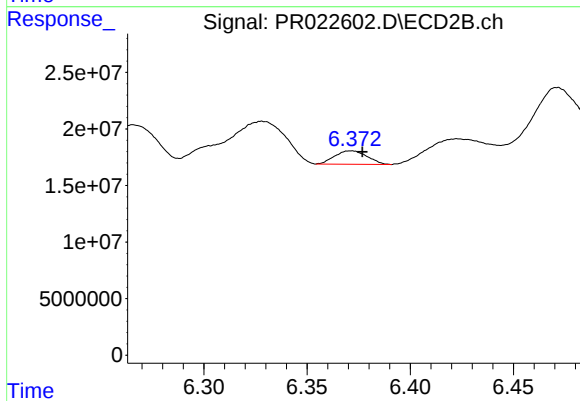
#29 AR-1254-4

R.T.: 6.063 min
Delta R.T.: -0.010 min
Response: 172491276
Conc: 44.91 ng/ml



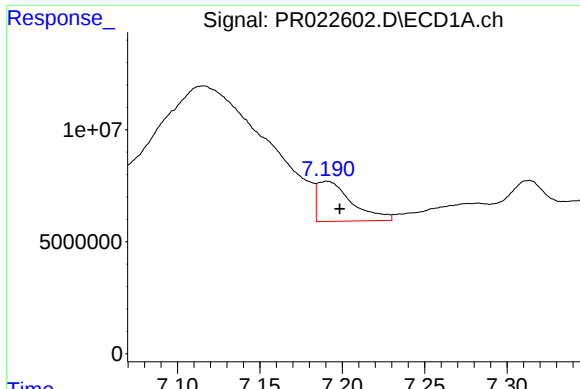
#30 AR-1254-5

R.T.: 7.581 min
Delta R.T.: -0.002 min
Response: 78818410
Conc: 77.54 ng/ml



#30 AR-1254-5

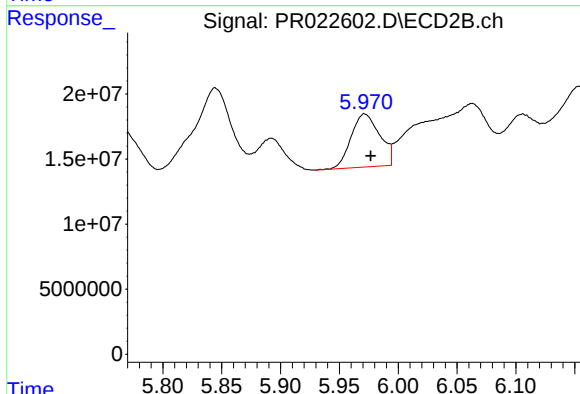
R.T.: 6.372 min
Delta R.T.: -0.005 min
Response: 12883498
Conc: 6.50 ng/ml



#31 AR-1260-1

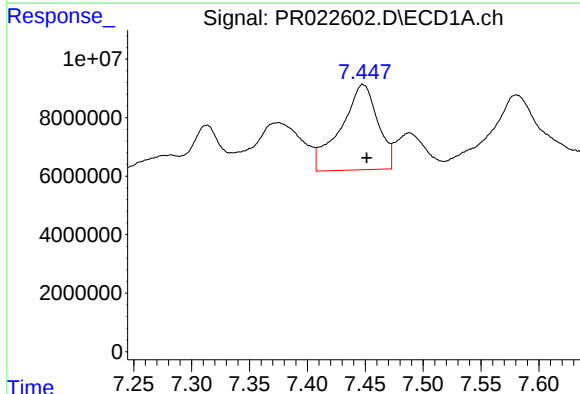
R.T.: 7.191 min
Delta R.T.: -0.007 min
Response: 25900288
Conc: 25.47 ng/ml

Instrument :
ECD_R
ClientSampleId :



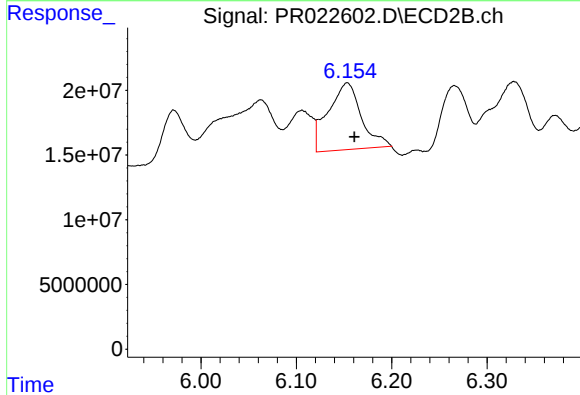
#31 AR-1260-1

R.T.: 5.971 min
Delta R.T.: -0.005 min
Response: 69250122
Conc: 29.07 ng/ml



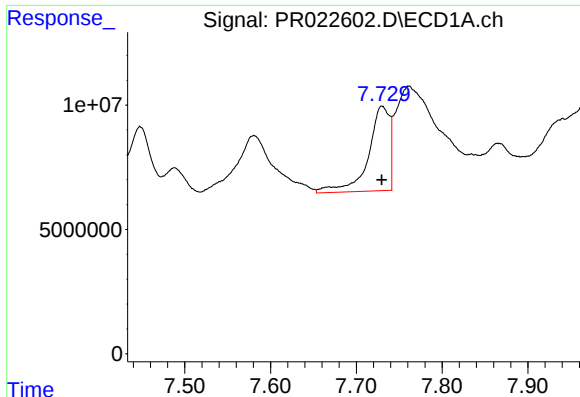
#32 AR-1260-2

R.T.: 7.448 min
Delta R.T.: -0.003 min
Response: 65000836
Conc: 46.99 ng/ml



#32 AR-1260-2

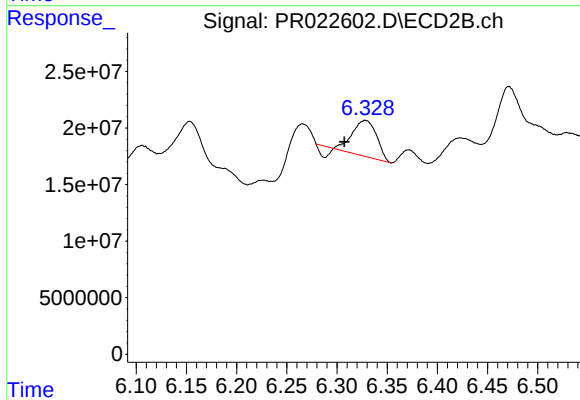
R.T.: 6.153 min
Delta R.T.: -0.007 min
Response: 125162133
Conc: 33.38 ng/ml



#33 AR-1260-3

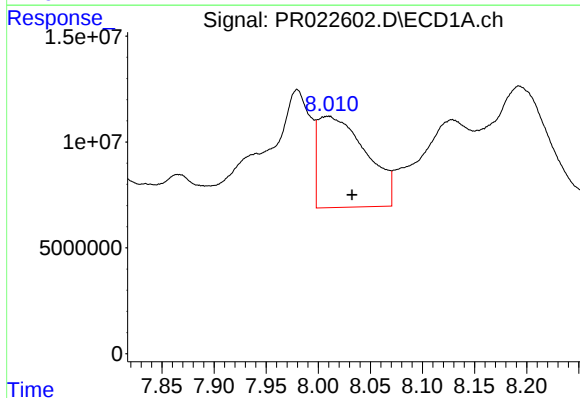
R.T.: 7.730 min
Delta R.T.: 0.000 min
Response: 59026384
Conc: 35.93 ng/ml

Instrument :
ECD_R
ClientSampleId :



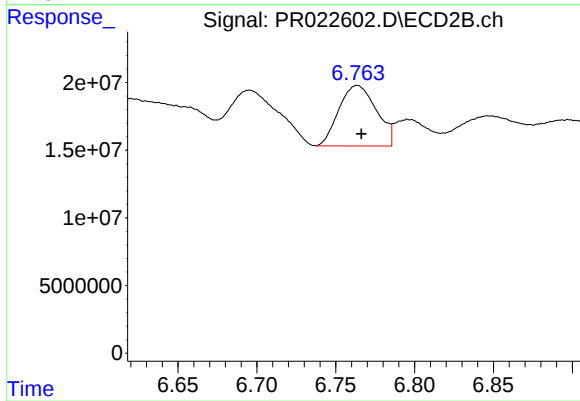
#33 AR-1260-3

R.T.: 6.328 min
Delta R.T.: 0.021 min
Response: 49966020
Conc: 16.93 ng/ml



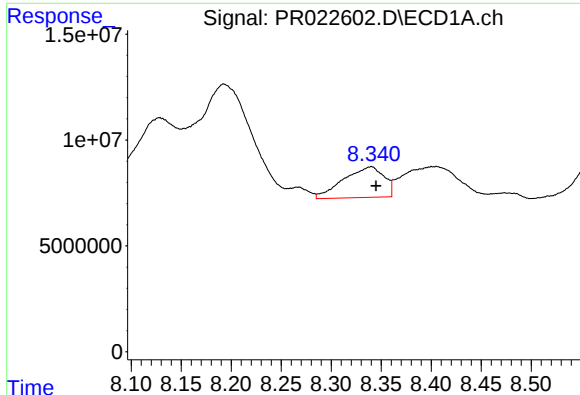
#34 AR-1260-4

R.T.: 8.010 min
Delta R.T.: -0.023 min
Response: 138706686
Conc: 139.55 ng/ml



#34 AR-1260-4

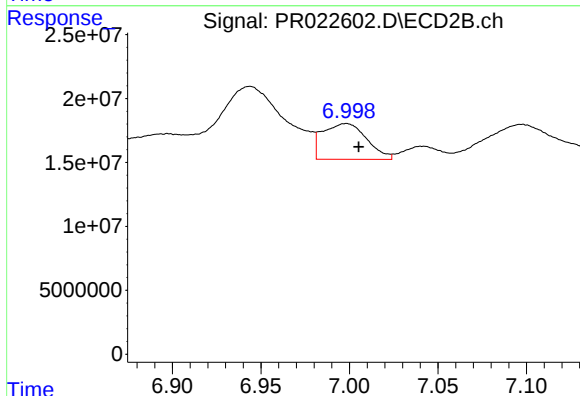
R.T.: 6.764 min
Delta R.T.: -0.003 min
Response: 74036771
Conc: 34.19 ng/ml



#35 AR-1260-5

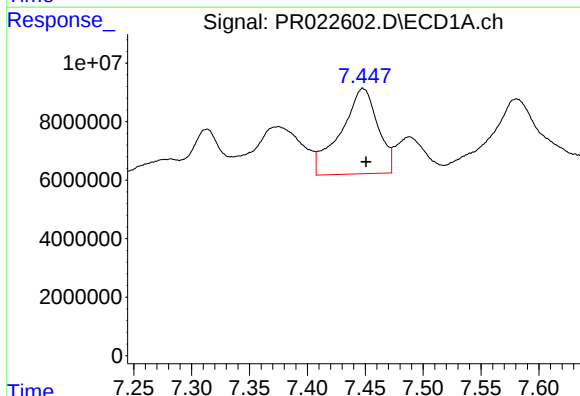
R.T.: 8.340 min
Delta R.T.: -0.005 min
Response: 40685848
Conc: 18.54 ng/ml

Instrument :
ECD_R
ClientSampleId :



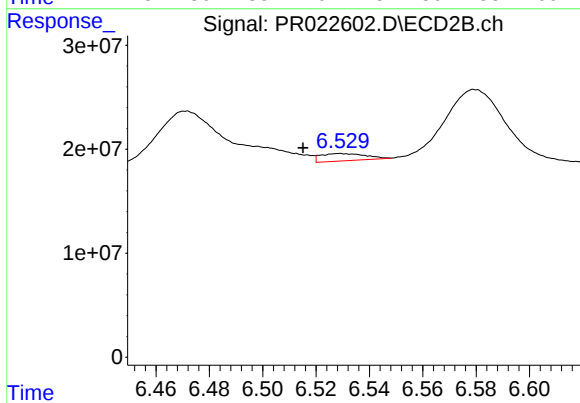
#35 AR-1260-5

R.T.: 6.998 min
Delta R.T.: -0.007 min
Response: 48418144
Conc: 6.92 ng/ml



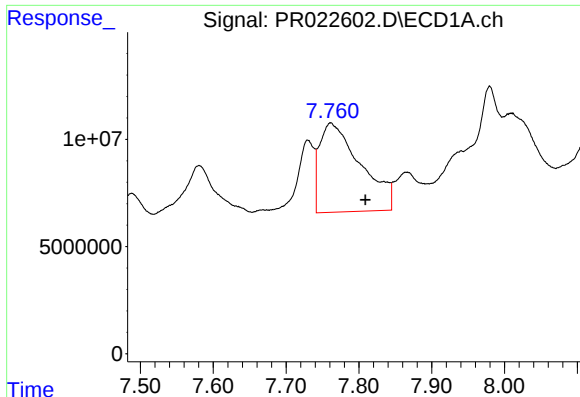
#36 AR-1262-1

R.T.: 7.448 min
Delta R.T.: -0.003 min
Response: 65000836
Conc: 46.52 ng/ml



#36 AR-1262-1

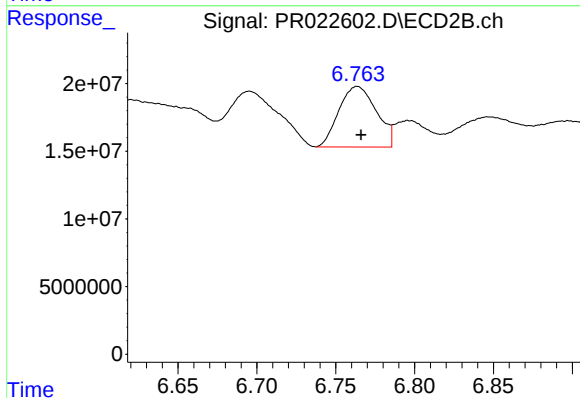
R.T.: 6.529 min
Delta R.T.: 0.014 min
Response: 8185650
Conc: 1.33 ng/ml



#37 AR-1262-2

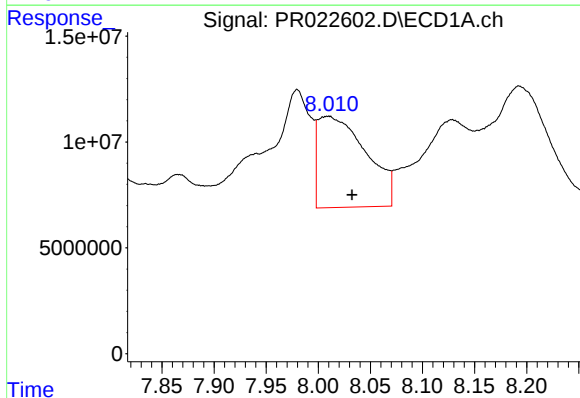
R.T.: 7.761 min
Delta R.T.: -0.048 min
Response: 162431185
Conc: 74.63 ng/ml

Instrument :
ECD_R
ClientSampleId :



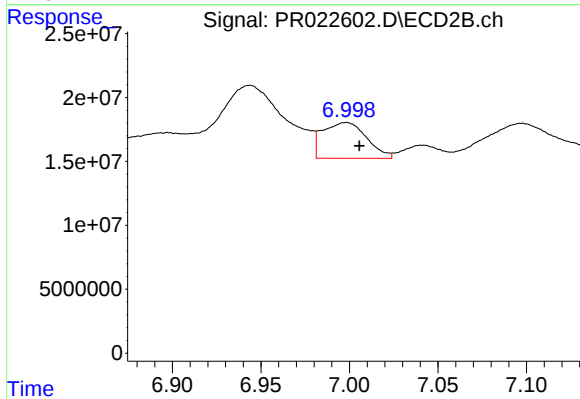
#37 AR-1262-2

R.T.: 6.764 min
Delta R.T.: -0.002 min
Response: 74036771
Conc: 17.42 ng/ml



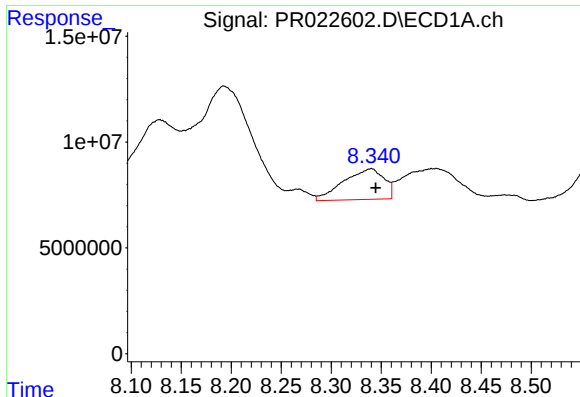
#38 AR-1262-3

R.T.: 8.010 min
Delta R.T.: -0.023 min
Response: 138706686
Conc: 83.41 ng/ml



#38 AR-1262-3

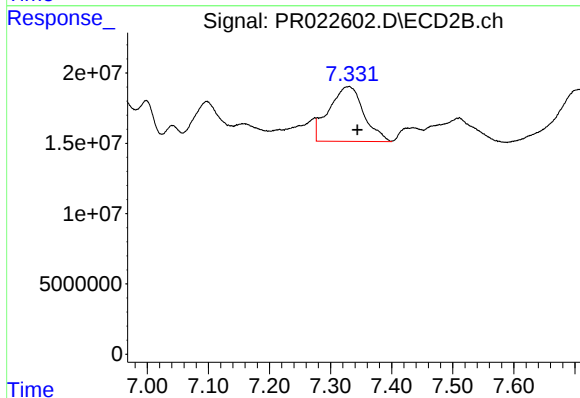
R.T.: 6.998 min
Delta R.T.: -0.007 min
Response: 48418144
Conc: 4.47 ng/ml



#39 AR-1262-4

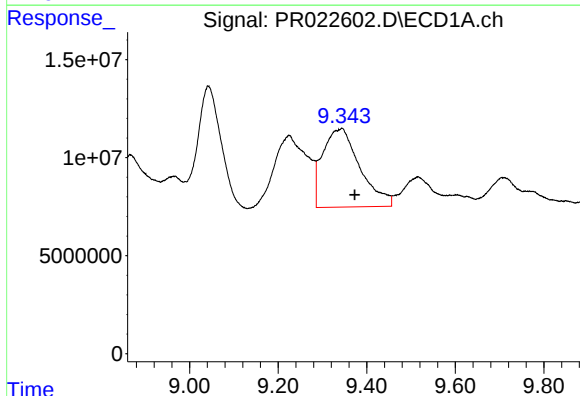
R.T.: 8.340 min
Delta R.T.: -0.004 min
Response: 40685848
Conc: 11.22 ng/ml

Instrument :
ECD_R
ClientSampleId :



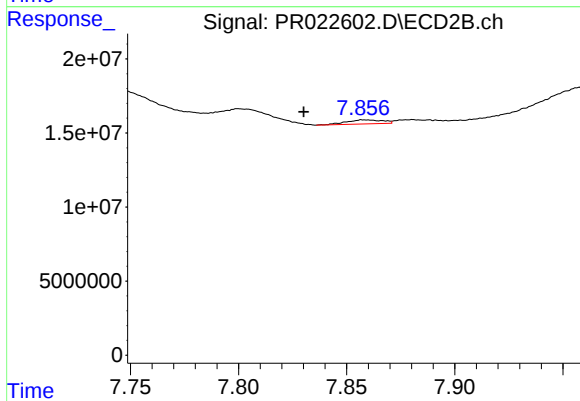
#39 AR-1262-4

R.T.: 7.331 min
Delta R.T.: -0.013 min
Response: 154009412
Conc: 20.14 ng/ml



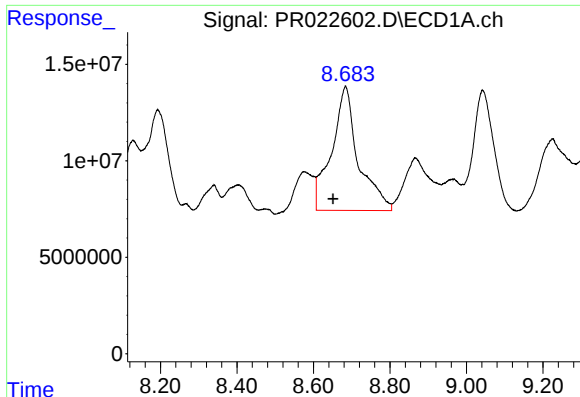
#40 AR-1262-5

R.T.: 9.344 min
Delta R.T.: -0.029 min
Response: 233359231
Conc: 183.46 ng/ml



#40 AR-1262-5

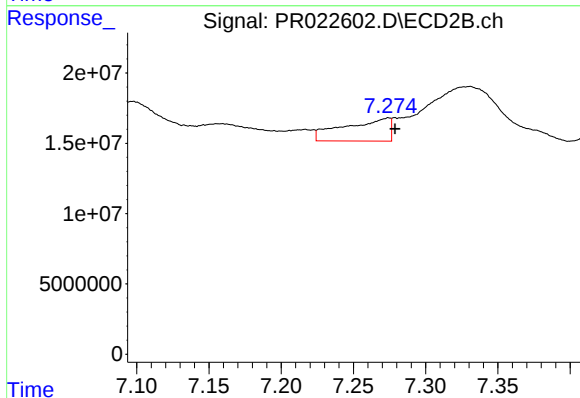
R.T.: 7.857 min
Delta R.T.: 0.027 min
Response: 3193345
Conc: 0.80 ng/ml



#41 AR-1268-1

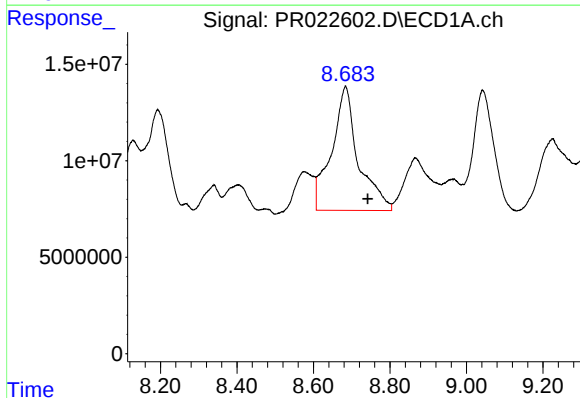
R.T.: 8.684 min
Delta R.T.: 0.033 min
Response: 311336903
Conc: 70.88 ng/ml

Instrument :
ECD_R
ClientSampleId :



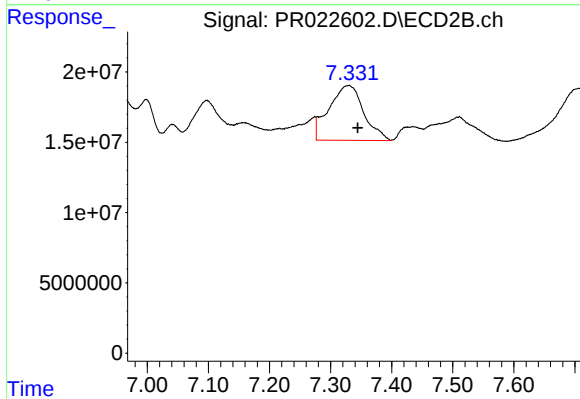
#41 AR-1268-1

R.T.: 7.274 min
Delta R.T.: -0.004 min
Response: 35597868
Conc: 3.20 ng/ml



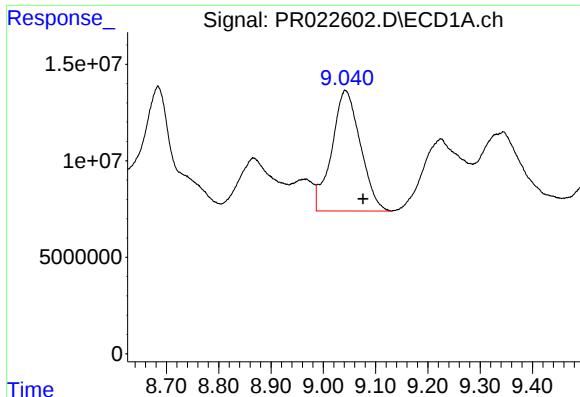
#42 AR-1268-2

R.T.: 8.684 min
Delta R.T.: -0.058 min
Response: 311336903
Conc: 81.78 ng/ml



#42 AR-1268-2

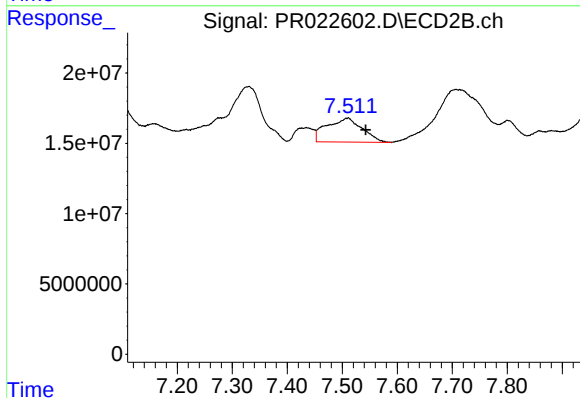
R.T.: 7.331 min
Delta R.T.: -0.014 min
Response: 154009412
Conc: 13.41 ng/ml



#43 AR-1268-3

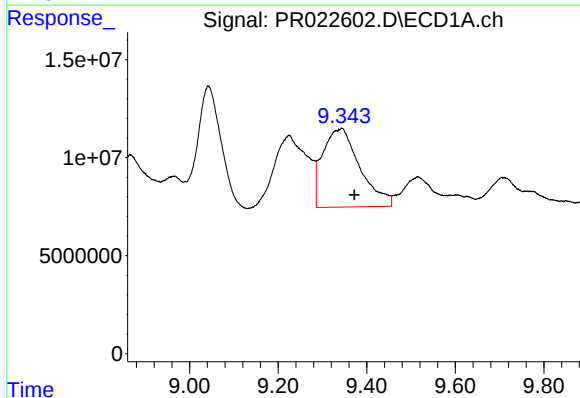
R.T.: 9.042 min
Delta R.T.: -0.034 min
Response: 237472942
Conc: 245.19 ng/ml

Instrument :
ECD_R
ClientSampleId :



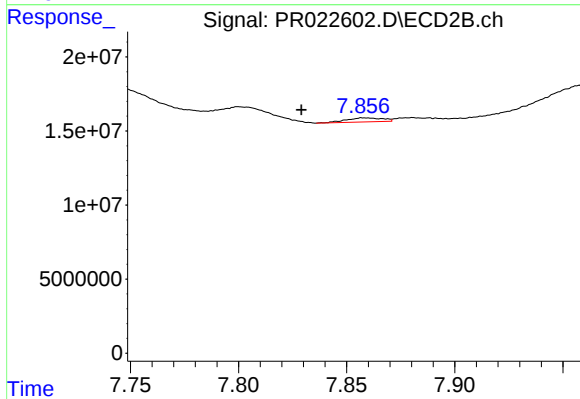
#43 AR-1268-3

R.T.: 7.511 min
Delta R.T.: -0.032 min
Response: 76531658
Conc: 6.97 ng/ml



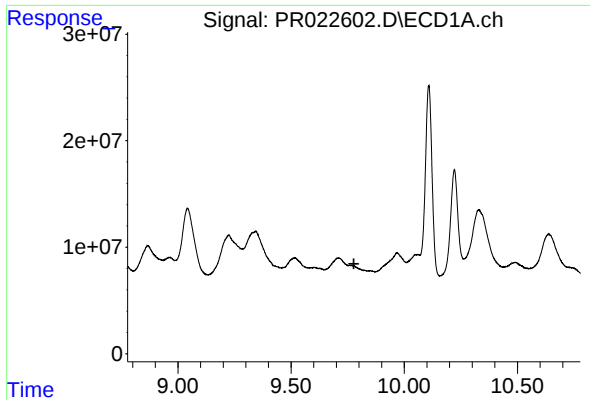
#44 AR-1268-4

R.T.: 9.344 min
Delta R.T.: -0.028 min
Response: 233359231
Conc: 177.74 ng/ml



#44 AR-1268-4

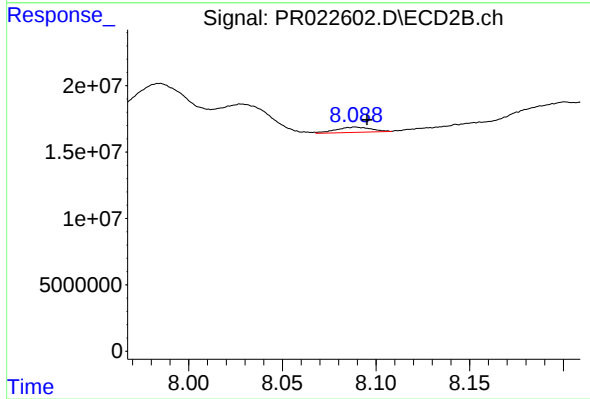
R.T.: 7.857 min
Delta R.T.: 0.028 min
Response: 3193345
Conc: 0.58 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.777 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.089 min
Delta R.T.: -0.006 min
Response: 5144273
Conc: 0.17 ng/ml