

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR083018\
 Data File : PR031692.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Aug 2018 02:39
 Operator : SM\SJ
 Sample : J4700-13
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 31 08:42:27 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR083018.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 31 07:21:10 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...	4.527	3.663	215.3E6	439.6E6	15.794	17.680
2)	SA Decachlor...	10.273	8.522	434.2E6	339.4E6	17.483	21.285
Target Compounds							
3)	L1 AR-1016-1	5.231	4.307	17284066	37158666	46.263	47.324
4)	L1 AR-1016-2	5.375	4.719	20023141	54634827	53.699	48.326
5)	L1 AR-1016-3	5.665	4.719	11265429	54634827	18.406	28.869 #
6)	L1 AR-1016-4	5.735	4.815	2904559	13299075	5.598	11.386 #
7)	L1 AR-1016-5	6.139	5.147	1677725	20964691	3.789	19.305 #
8)	L2 AR-1221-1	4.727	3.897	14043286	12678901	86.114	39.433 #
9)	L2 AR-1221-2	4.807	3.962	41394742	23919905	334.885	95.076 #
10)	L2 AR-1221-3	4.903	4.039	60431711	59416667	156.949	78.815 #
11)	L3 AR-1232-1	5.735	4.476	2904559	16828486	7.946	47.911 #
12)	L3 AR-1232-2	5.927	4.626	5892420	55515820	34.835	481.183 #
13)	L3 AR-1232-3	6.006	4.956	7076339	43508267	150.596	115.257
14)	L3 AR-1232-4	6.346	5.308	23067820	60453601	475.814	129.962 #
15)	L3 AR-1232-5	7.234	0.000	5973027	0	180.929	N.D. #
16)	L4 AR-1242-1	5.274	4.328	28975122	23231670	184.467	69.597 #
17)	L4 AR-1242-2	6.006	4.904	7076339	29003480	23.874	39.101 #
18)	L4 AR-1242-3	6.184	5.013	36989979	35707869	237.428	138.844 #
19)	L4 AR-1242-4	6.256	5.308	1998424	60453601	16.829	242.315 #
20)	L4 AR-1242-5	6.295	5.775	6961886	39209063	18.207	67.586 #
21)	L5 AR-1248-1	5.950	4.939	5097769	16167787	10.046	14.610 #
22)	L5 AR-1248-2	6.565	5.502	8841190	40446707	16.481	17.773
23)	L5 AR-1248-3	6.565	5.550	8841190	8537243	12.131	5.357 #
24)	L5 AR-1248-4	6.594	5.675	14755382	71197214	21.386	49.360 #
25)	L5 AR-1248-5	6.814	6.036	26453608	74308610	55.915	71.407 #
26)	L6 AR-1254-1	6.759	5.631	36679751	102.9E6	27.700	40.361 #
27)	L6 AR-1254-2	7.010	5.957	18206498	15845154	21.918	8.690 #
28)	L6 AR-1254-3	7.124	6.230	2722836	110.5E6	1.836	33.707 #
29)	L6 AR-1254-4	7.414	6.609	18024188	47454382	15.046	31.881 #
30)	L6 AR-1254-5	7.664	6.650	2705598	30640391	3.122	14.546 #
31)	L7 AR-1260-1	7.246	6.161	4335269	172.3E6	4.319	75.891 #
32)	L7 AR-1260-2	7.546	6.337	9032206	54156364	6.821	19.432 #
33)	L7 AR-1260-3	7.834	6.492	5736543	11673229	3.716	5.201 #
34)	L7 AR-1260-4	8.088	0.000	7697664	0	6.857	N.D. #
35)	L7 AR-1260-5	8.449	0.000	17225555	0	6.647	N.D. #
36)	L8 AR-1262-1	7.191	6.036	13983332	74308610	23.628	52.343 #
37)	L8 AR-1262-2	7.952	6.727	4675309	122.8E6	7.982	114.484 #
38)	L8 AR-1262-3	8.172	7.091	3889727	37790216	7.509	45.236 #
39)	L8 AR-1262-4	8.860	7.438	35905456	28687538	23.462	24.694
41)	L9 AR-1268-1	7.910	6.727	8558724	122.8E6	14.768	118.452 #
42)	L9 AR-1268-2	8.158	7.497	6968831	21080772	8.619	8.243

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 Operator : SM\SJ
 Sample : J4700-13
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

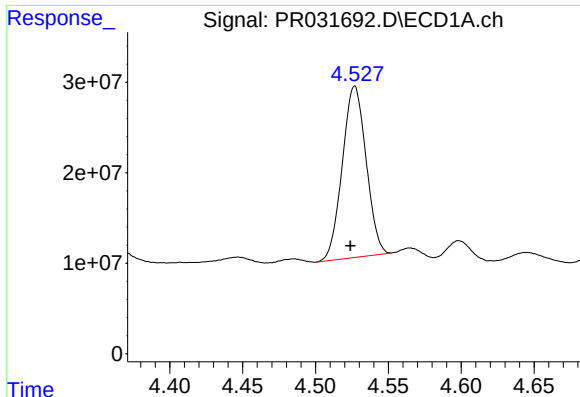
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 31 08:42:27 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR083018.M
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	8.779	7.721	3901420	22969925	1.061	10.598 #
44) L9	AR-1268-4	9.089	7.860	39456224	28546100	13.348	44.146 #
45) L9	AR-1268-5	9.936	8.289	3172668	29127788	0.360	4.828 #

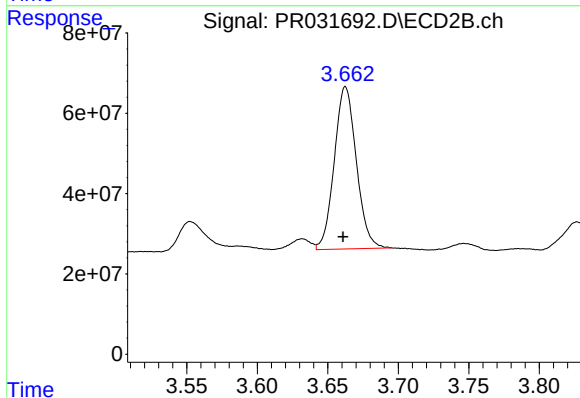
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

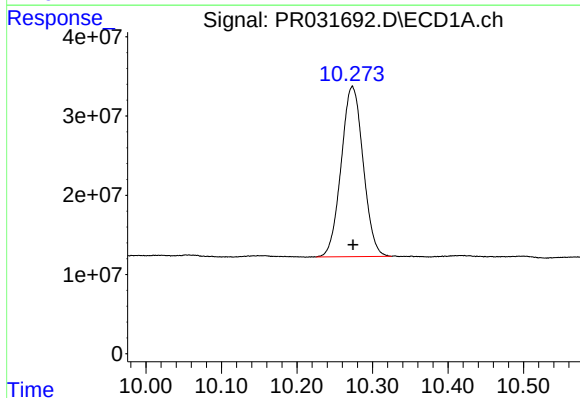
R.T.: 4.527 min
Delta R.T.: 0.003 min
Response: 215290963
Conc: 15.79 ng/ml

Instrument :
ECD_R
ClientSampleId :



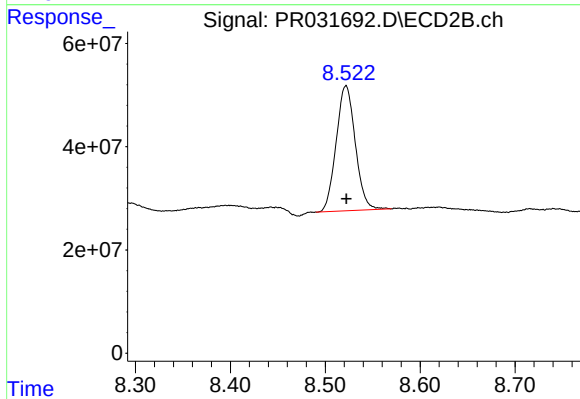
#1 Tetrachloro-m-xylene

R.T.: 3.663 min
Delta R.T.: 0.002 min
Response: 439560141
Conc: 17.68 ng/ml



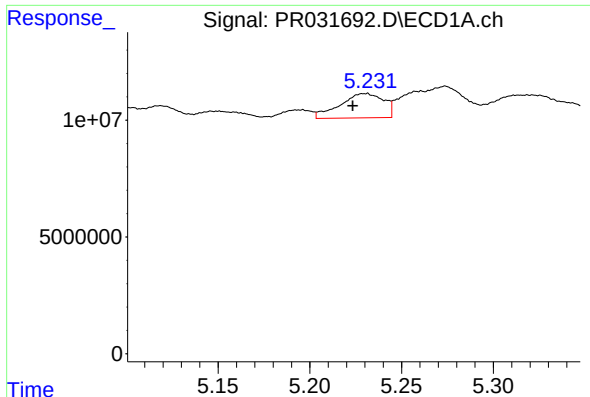
#2 Decachlorobiphenyl

R.T.: 10.273 min
Delta R.T.: 0.000 min
Response: 434198276
Conc: 17.48 ng/ml



#2 Decachlorobiphenyl

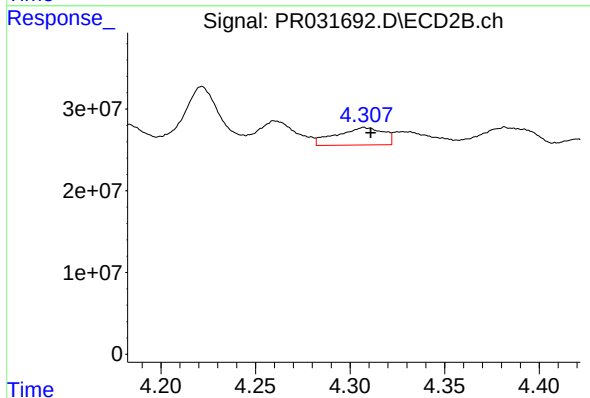
R.T.: 8.522 min
Delta R.T.: 0.000 min
Response: 339448283
Conc: 21.28 ng/ml



#3 AR-1016-1

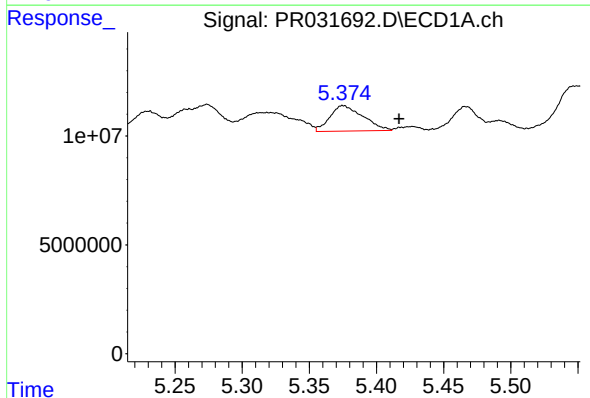
R.T.: 5.231 min
Delta R.T.: 0.008 min
Response: 17284066
Conc: 46.26 ng/ml

Instrument :
ECD_R
ClientSampleId :



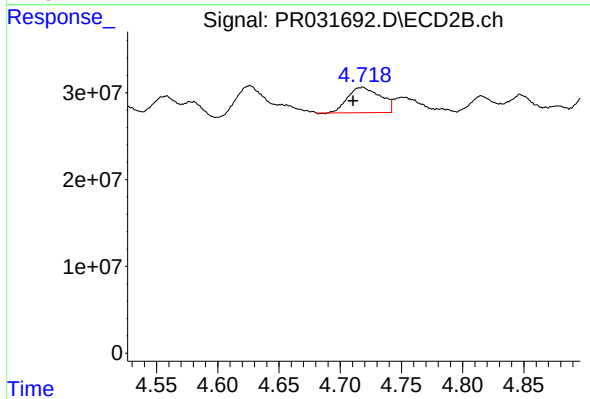
#3 AR-1016-1

R.T.: 4.307 min
Delta R.T.: -0.004 min
Response: 37158666
Conc: 47.32 ng/ml



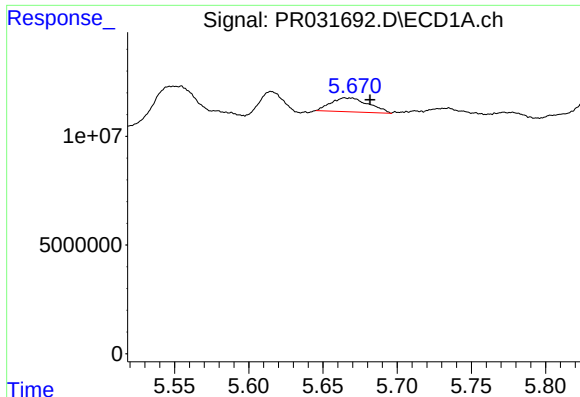
#4 AR-1016-2

R.T.: 5.375 min
Delta R.T.: -0.042 min
Response: 20023141
Conc: 53.70 ng/ml



#4 AR-1016-2

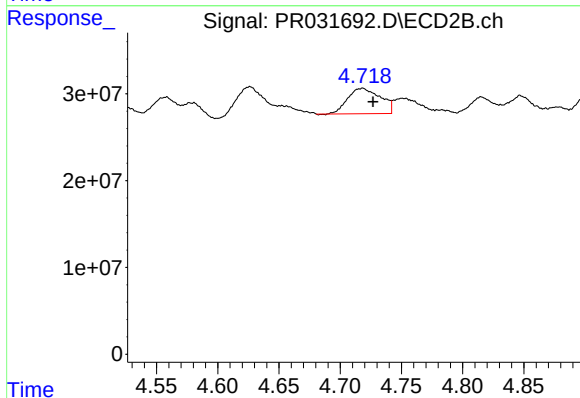
R.T.: 4.719 min
Delta R.T.: 0.008 min
Response: 54634827
Conc: 48.33 ng/ml



#5 AR-1016-3

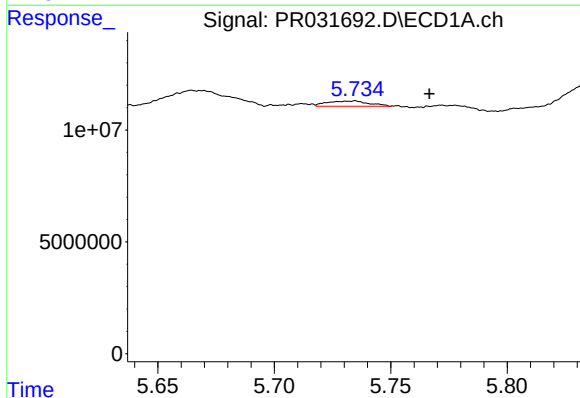
R.T.: 5.665 min
Delta R.T.: -0.017 min
Response: 11265429
Conc: 18.41 ng/ml

Instrument :
ECD_R
ClientSampleId :



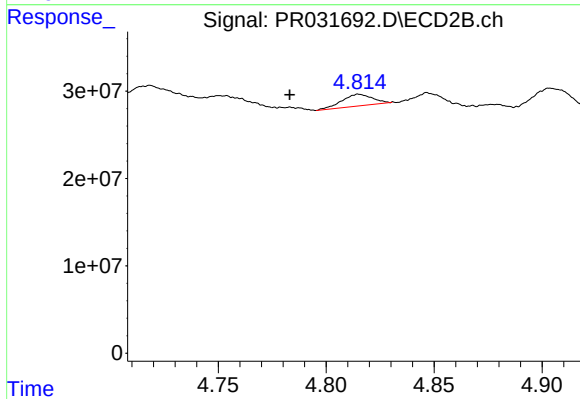
#5 AR-1016-3

R.T.: 4.719 min
Delta R.T.: -0.008 min
Response: 54634827
Conc: 28.87 ng/ml



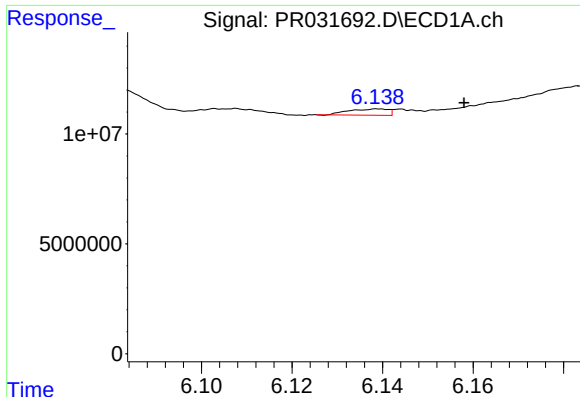
#6 AR-1016-4

R.T.: 5.735 min
Delta R.T.: -0.032 min
Response: 2904559
Conc: 5.60 ng/ml



#6 AR-1016-4

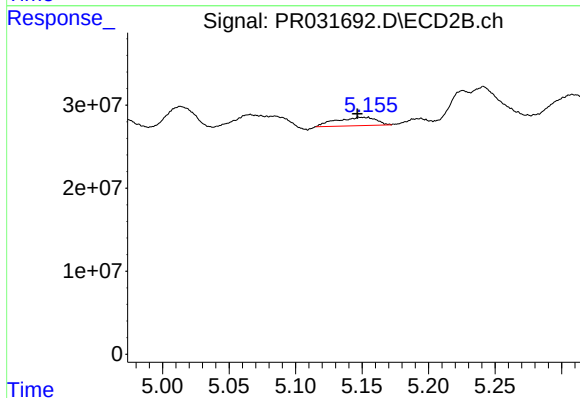
R.T.: 4.815 min
Delta R.T.: 0.032 min
Response: 13299075
Conc: 11.39 ng/ml



#7 AR-1016-5

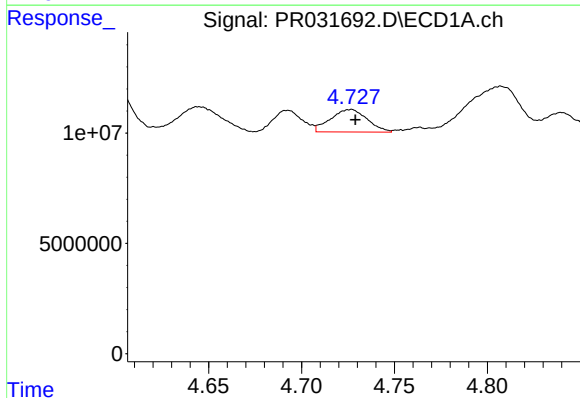
R.T.: 6.139 min
Delta R.T.: -0.019 min
Response: 1677725
Conc: 3.79 ng/ml

Instrument :
ECD_R
ClientSampleId :



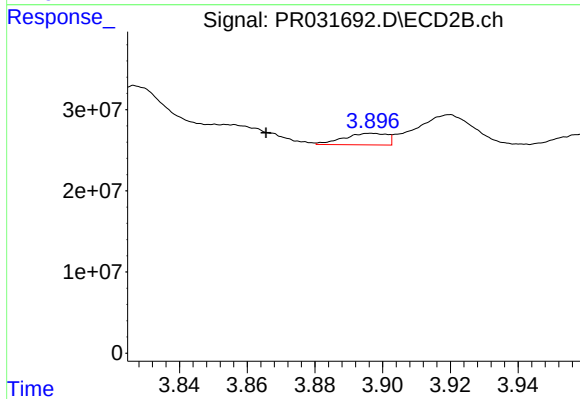
#7 AR-1016-5

R.T.: 5.147 min
Delta R.T.: 0.000 min
Response: 20964691
Conc: 19.30 ng/ml



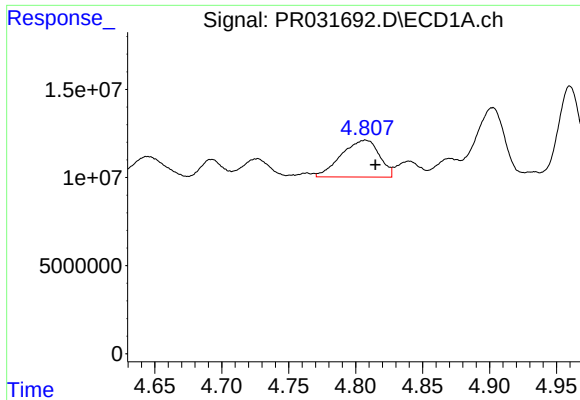
#8 AR-1221-1

R.T.: 4.727 min
Delta R.T.: -0.002 min
Response: 14043286
Conc: 86.11 ng/ml



#8 AR-1221-1

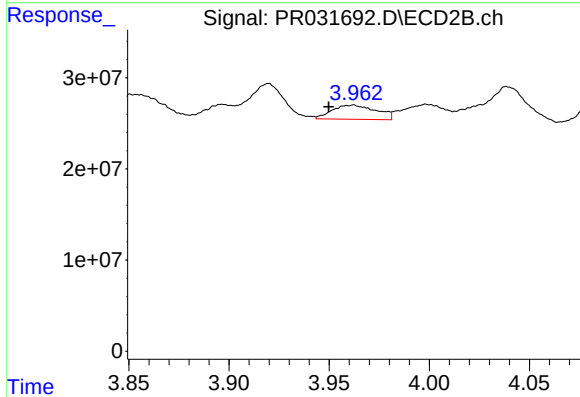
R.T.: 3.897 min
Delta R.T.: 0.031 min
Response: 12678901
Conc: 39.43 ng/ml



#9 AR-1221-2

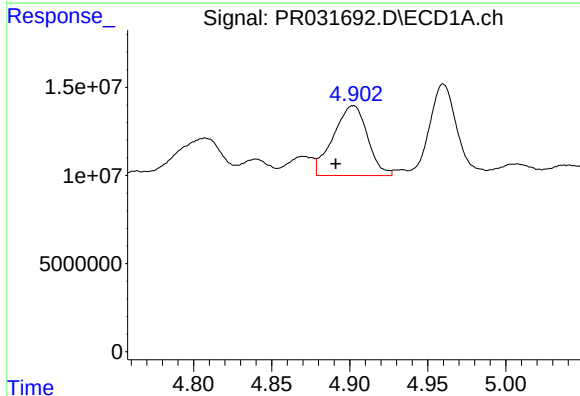
R.T.: 4.807 min
Delta R.T.: -0.007 min
Response: 41394742
Conc: 334.88 ng/ml

Instrument :
ECD_R
ClientSampleId :



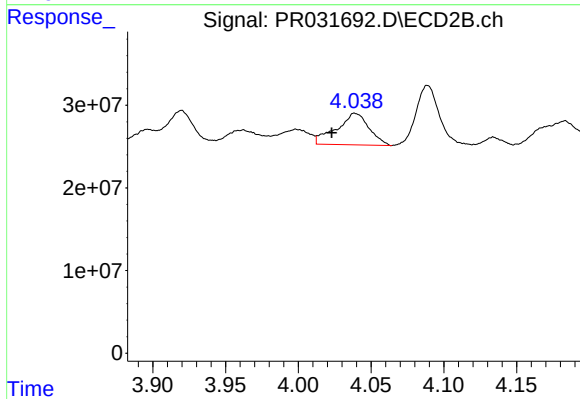
#9 AR-1221-2

R.T.: 3.962 min
Delta R.T.: 0.013 min
Response: 23919905
Conc: 95.08 ng/ml



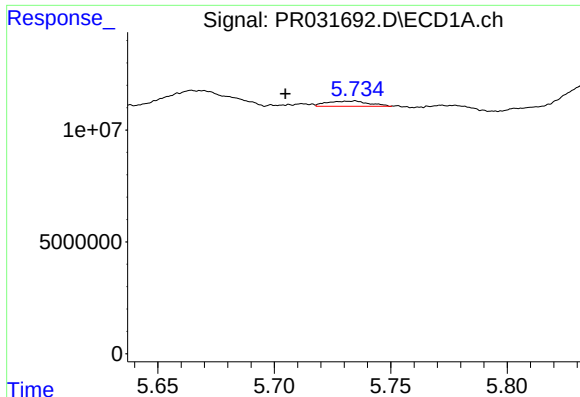
#10 AR-1221-3

R.T.: 4.903 min
Delta R.T.: 0.011 min
Response: 60431711
Conc: 156.95 ng/ml



#10 AR-1221-3

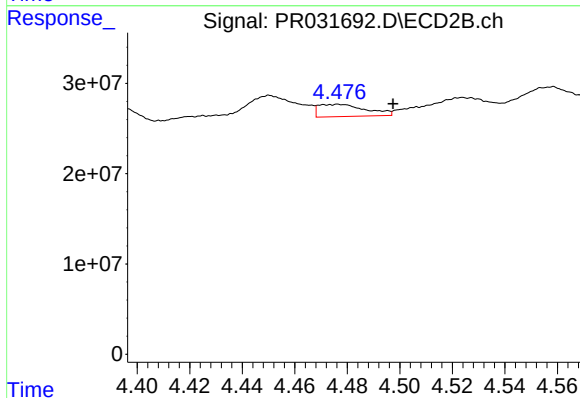
R.T.: 4.039 min
Delta R.T.: 0.016 min
Response: 59416667
Conc: 78.82 ng/ml



#11 AR-1232-1

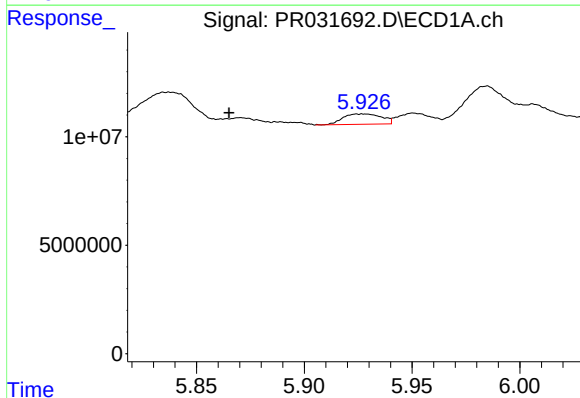
R.T.: 5.735 min
Delta R.T.: 0.030 min
Response: 2904559
Conc: 7.95 ng/ml

Instrument :
ECD_R
ClientSampleId :



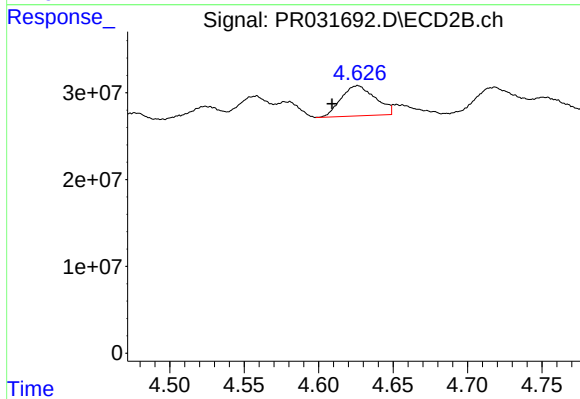
#11 AR-1232-1

R.T.: 4.476 min
Delta R.T.: -0.021 min
Response: 16828486
Conc: 47.91 ng/ml



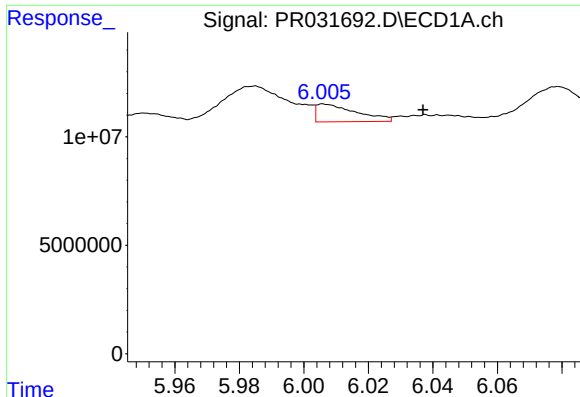
#12 AR-1232-2

R.T.: 5.927 min
Delta R.T.: 0.062 min
Response: 5892420
Conc: 34.83 ng/ml



#12 AR-1232-2

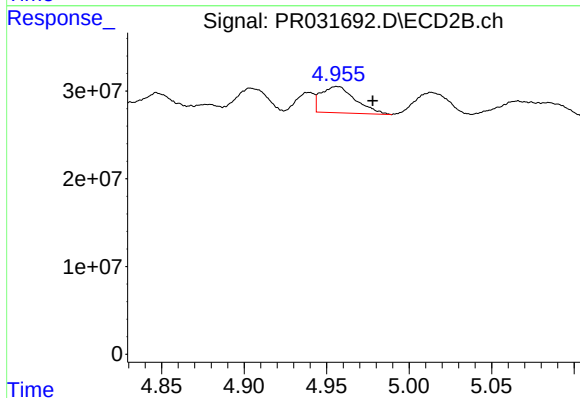
R.T.: 4.626 min
Delta R.T.: 0.017 min
Response: 55515820
Conc: 481.18 ng/ml



#13 AR-1232-3

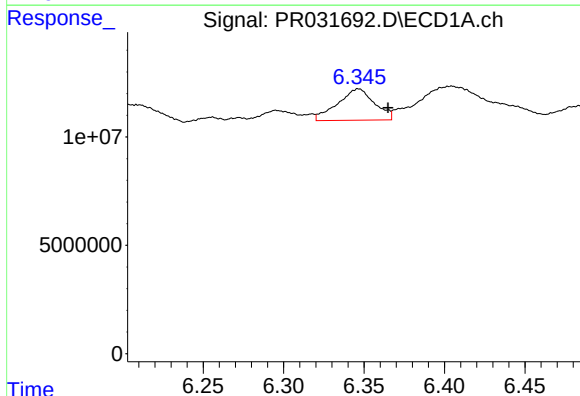
R.T.: 6.006 min
Delta R.T.: -0.031 min
Response: 7076339
Conc: 150.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



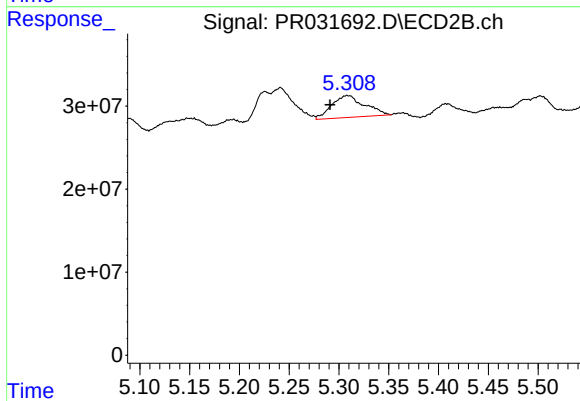
#13 AR-1232-3

R.T.: 4.956 min
Delta R.T.: -0.022 min
Response: 43508267
Conc: 115.26 ng/ml



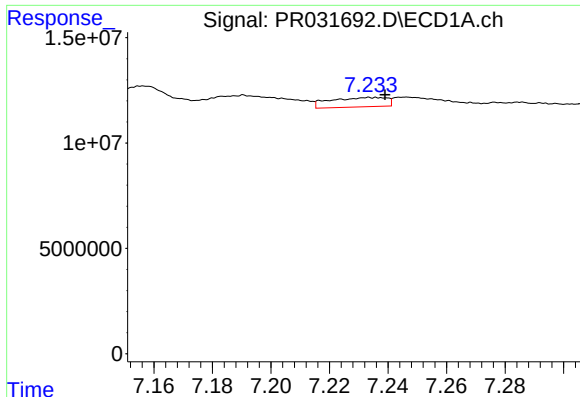
#14 AR-1232-4

R.T.: 6.346 min
Delta R.T.: -0.018 min
Response: 23067820
Conc: 475.81 ng/ml



#14 AR-1232-4

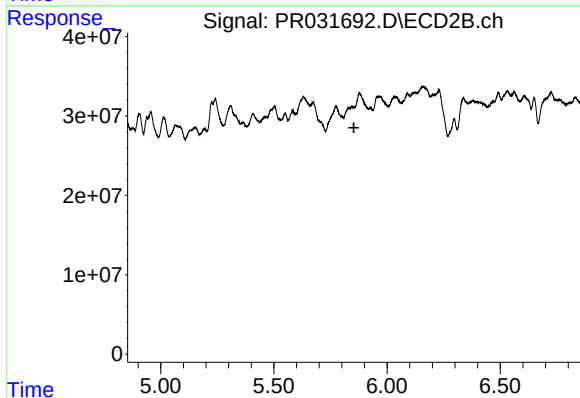
R.T.: 5.308 min
Delta R.T.: 0.017 min
Response: 60453601
Conc: 129.96 ng/ml



#15 AR-1232-5

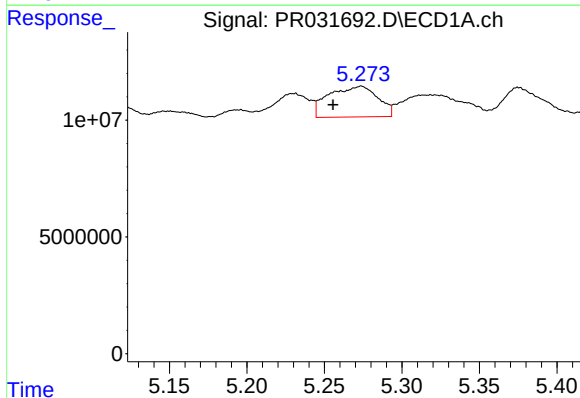
R.T.: 7.234 min
Delta R.T.: -0.005 min
Response: 5973027
Conc: 180.93 ng/ml

Instrument :
ECD_R
ClientSampleId :



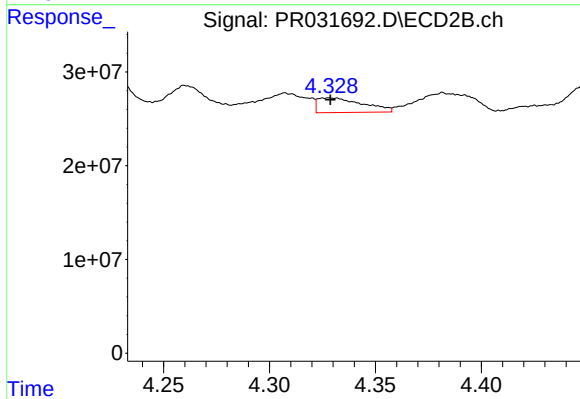
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.853 min
Response: 0
Conc: N.D.



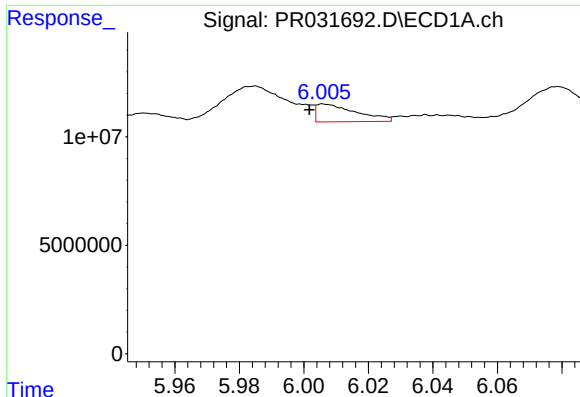
#16 AR-1242-1

R.T.: 5.274 min
Delta R.T.: 0.018 min
Response: 28975122
Conc: 184.47 ng/ml



#16 AR-1242-1

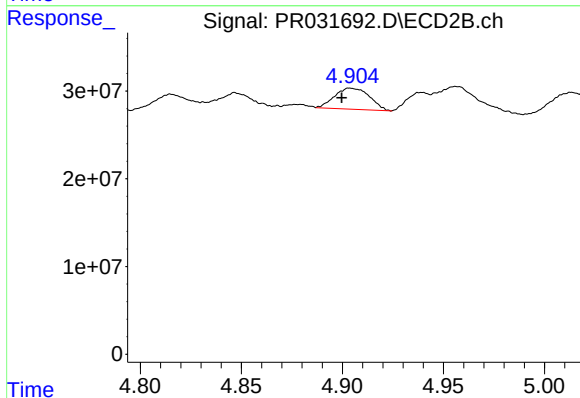
R.T.: 4.328 min
Delta R.T.: 0.000 min
Response: 23231670
Conc: 69.60 ng/ml



#17 AR-1242-2

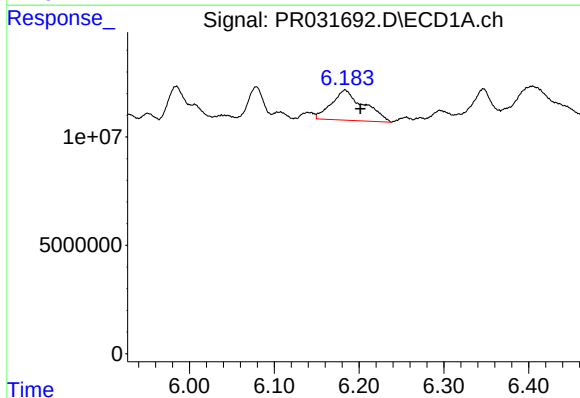
R.T.: 6.006 min
Delta R.T.: 0.004 min
Response: 7076339
Conc: 23.87 ng/ml

Instrument :
ECD_R
ClientSampleId :



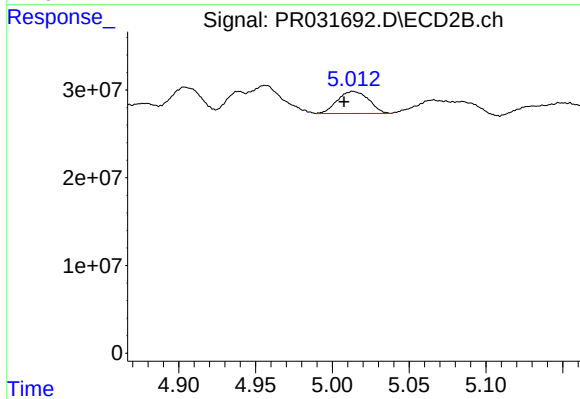
#17 AR-1242-2

R.T.: 4.904 min
Delta R.T.: 0.004 min
Response: 29003480
Conc: 39.10 ng/ml



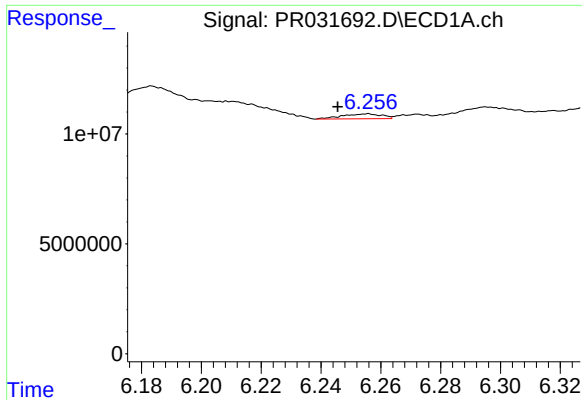
#18 AR-1242-3

R.T.: 6.184 min
Delta R.T.: -0.018 min
Response: 36989979
Conc: 237.43 ng/ml



#18 AR-1242-3

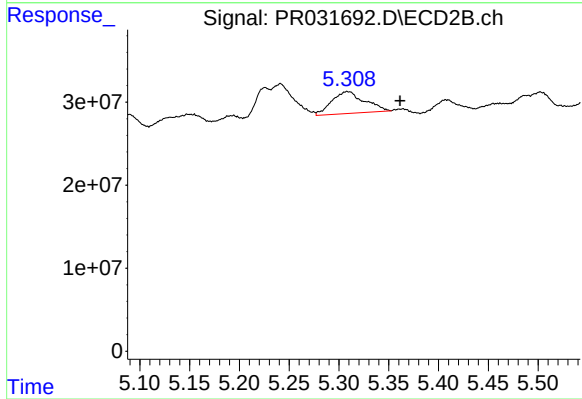
R.T.: 5.013 min
Delta R.T.: 0.006 min
Response: 35707869
Conc: 138.84 ng/ml



#19 AR-1242-4

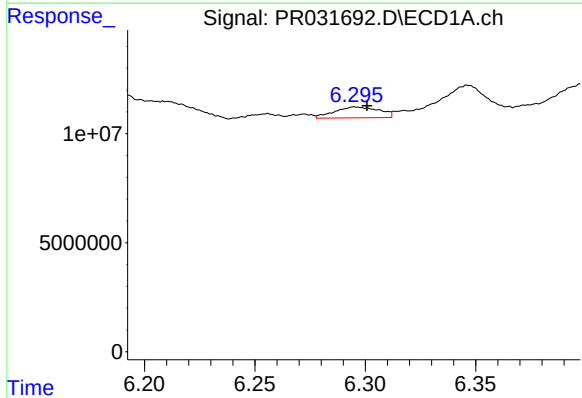
R.T.: 6.256 min
Delta R.T.: 0.010 min
Response: 1998424
Conc: 16.83 ng/ml

Instrument :
ECD_R
ClientSampleId :



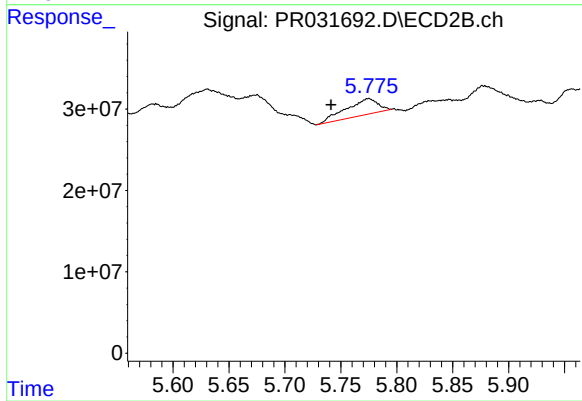
#19 AR-1242-4

R.T.: 5.308 min
Delta R.T.: -0.053 min
Response: 60453601
Conc: 242.32 ng/ml



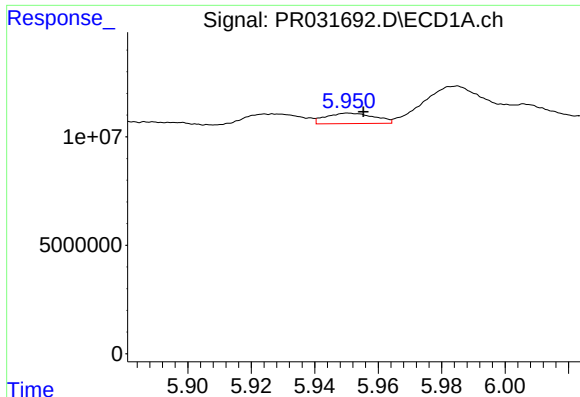
#20 AR-1242-5

R.T.: 6.295 min
Delta R.T.: -0.006 min
Response: 6961886
Conc: 18.21 ng/ml



#20 AR-1242-5

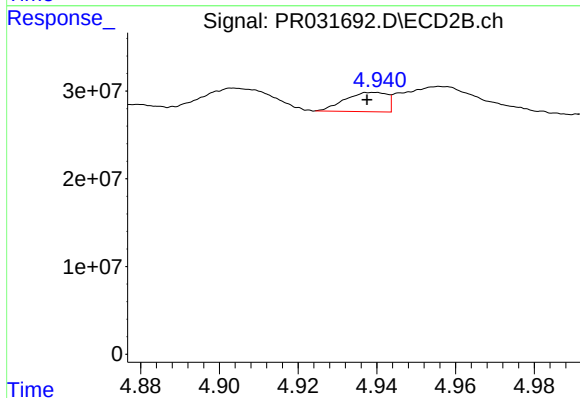
R.T.: 5.775 min
Delta R.T.: 0.034 min
Response: 39209063
Conc: 67.59 ng/ml



#21 AR-1248-1

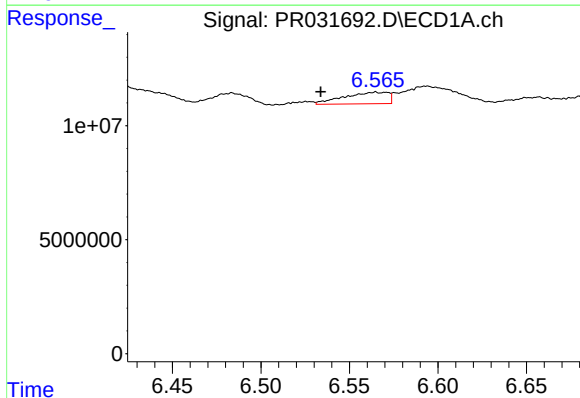
R.T.: 5.950 min
Delta R.T.: -0.005 min
Response: 5097769
Conc: 10.05 ng/ml

Instrument :
ECD_R
ClientSampleId :



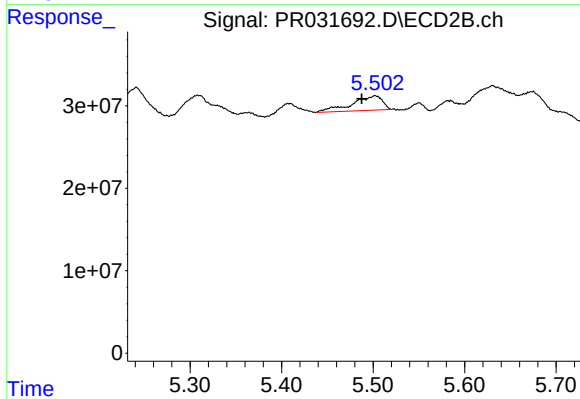
#21 AR-1248-1

R.T.: 4.939 min
Delta R.T.: 0.002 min
Response: 16167787
Conc: 14.61 ng/ml



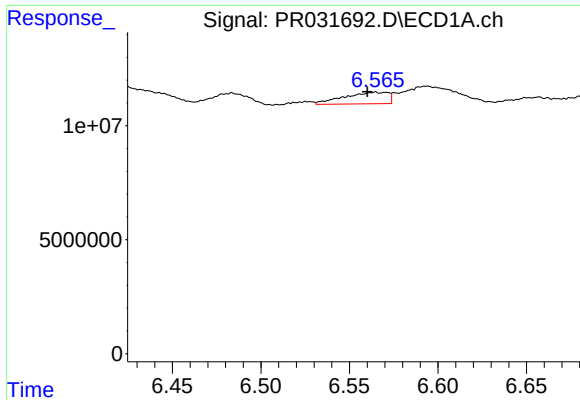
#22 AR-1248-2

R.T.: 6.565 min
Delta R.T.: 0.031 min
Response: 8841190
Conc: 16.48 ng/ml



#22 AR-1248-2

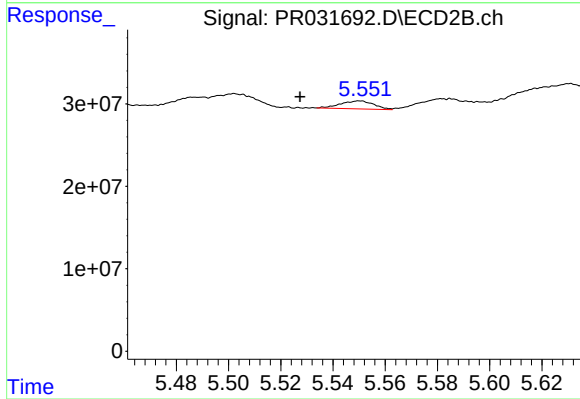
R.T.: 5.502 min
Delta R.T.: 0.014 min
Response: 40446707
Conc: 17.77 ng/ml



#23 AR-1248-3

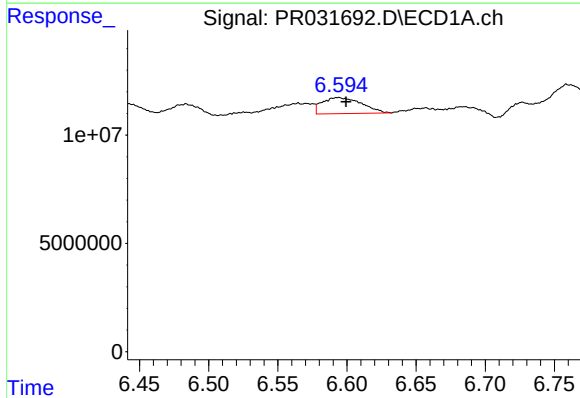
R.T.: 6.565 min
Delta R.T.: 0.005 min
Response: 8841190
Conc: 12.13 ng/ml

Instrument :
ECD_R
ClientSampleId :



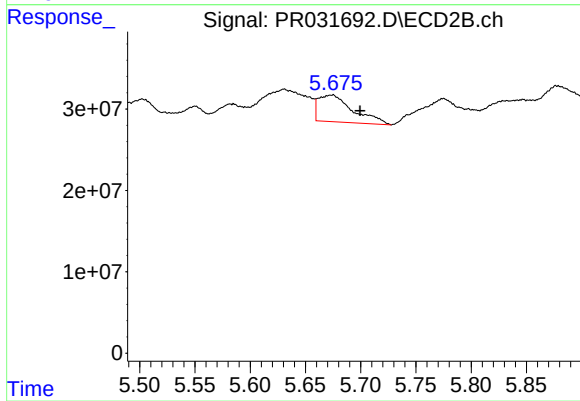
#23 AR-1248-3

R.T.: 5.550 min
Delta R.T.: 0.023 min
Response: 8537243
Conc: 5.36 ng/ml



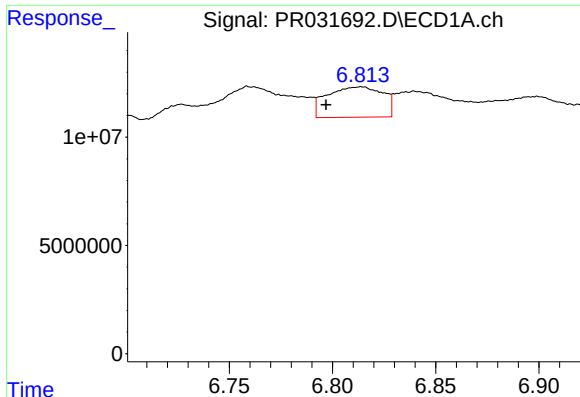
#24 AR-1248-4

R.T.: 6.594 min
Delta R.T.: -0.005 min
Response: 14755382
Conc: 21.39 ng/ml



#24 AR-1248-4

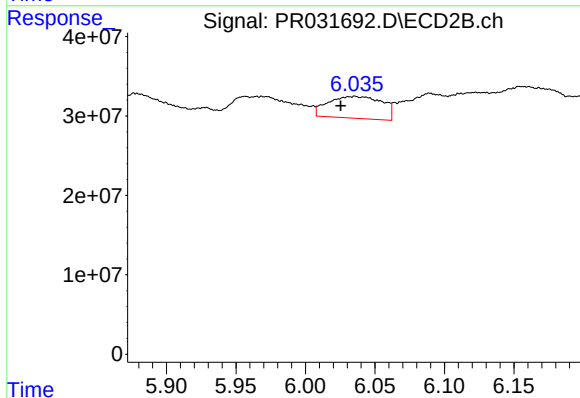
R.T.: 5.675 min
Delta R.T.: -0.024 min
Response: 71197214
Conc: 49.36 ng/ml



#25 AR-1248-5

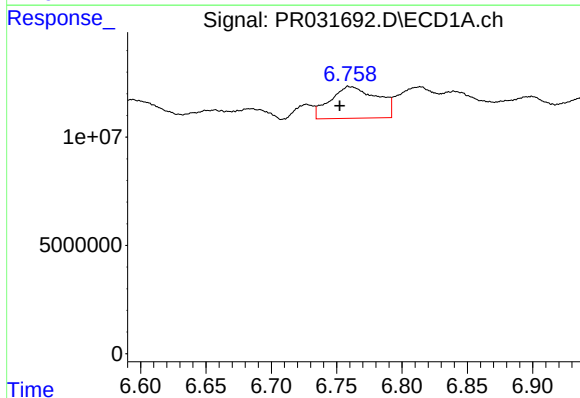
R.T.: 6.814 min
Delta R.T.: 0.017 min
Response: 26453608
Conc: 55.91 ng/ml

Instrument :
ECD_R
ClientSampleId :



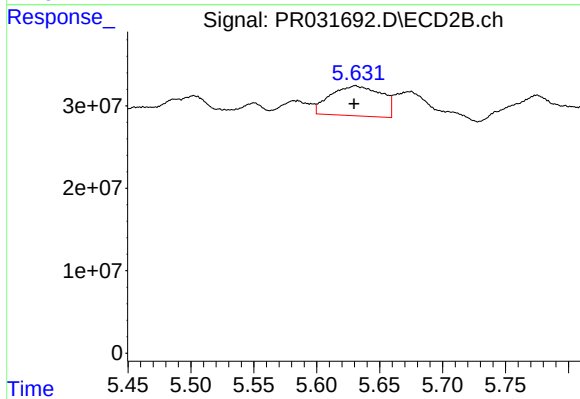
#25 AR-1248-5

R.T.: 6.036 min
Delta R.T.: 0.010 min
Response: 74308610
Conc: 71.41 ng/ml



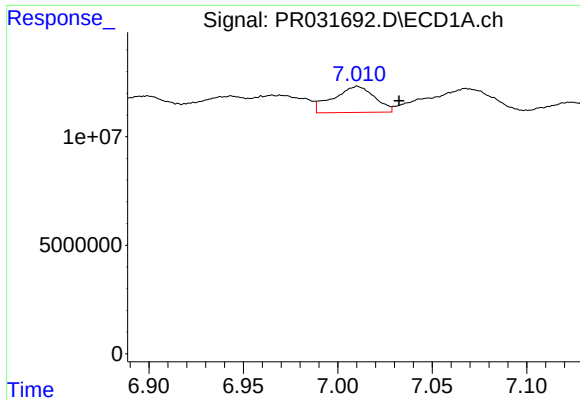
#26 AR-1254-1

R.T.: 6.759 min
Delta R.T.: 0.006 min
Response: 36679751
Conc: 27.70 ng/ml



#26 AR-1254-1

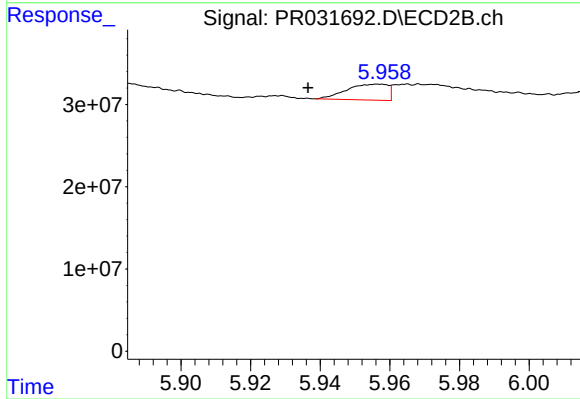
R.T.: 5.631 min
Delta R.T.: 0.001 min
Response: 102864015
Conc: 40.36 ng/ml



#27 AR-1254-2

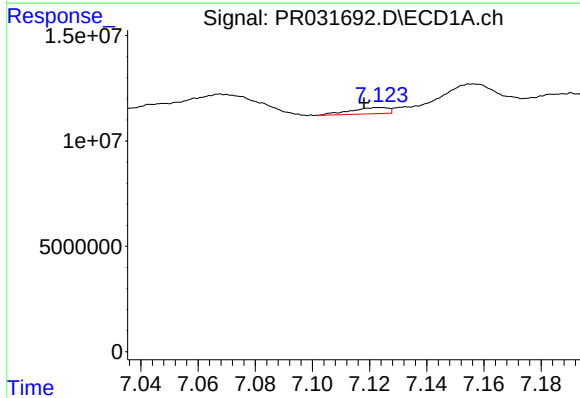
R.T.: 7.010 min
Delta R.T.: -0.022 min
Response: 18206498
Conc: 21.92 ng/ml

Instrument :
ECD_R
ClientSampleId :



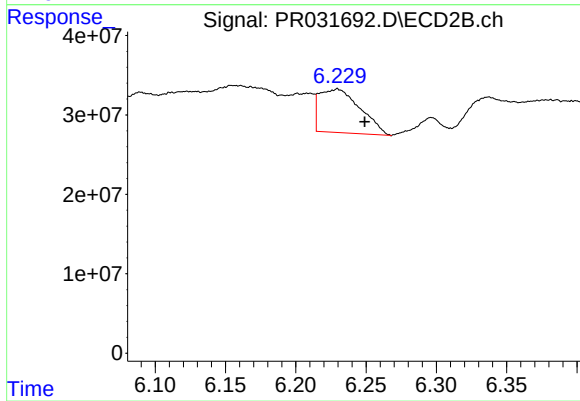
#27 AR-1254-2

R.T.: 5.957 min
Delta R.T.: 0.020 min
Response: 15845154
Conc: 8.69 ng/ml



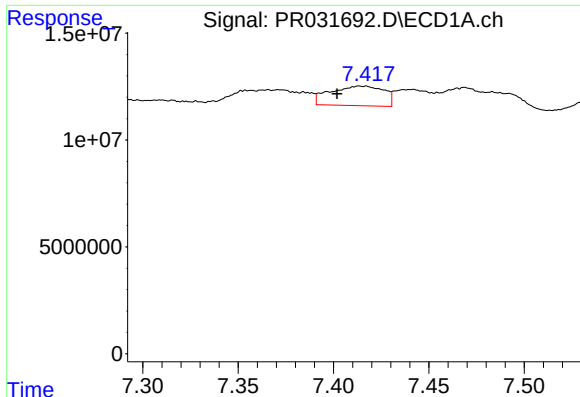
#28 AR-1254-3

R.T.: 7.124 min
Delta R.T.: 0.006 min
Response: 2722836
Conc: 1.84 ng/ml



#28 AR-1254-3

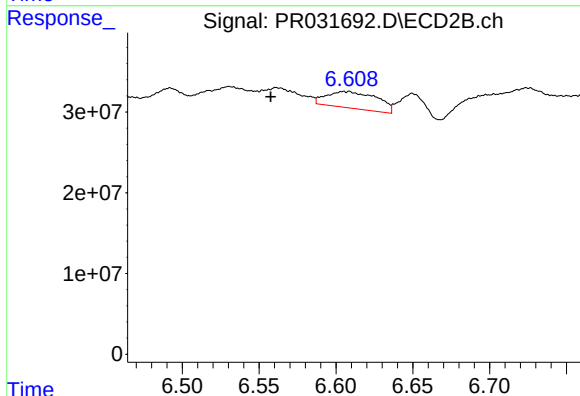
R.T.: 6.230 min
Delta R.T.: -0.019 min
Response: 110523828
Conc: 33.71 ng/ml



#29 AR-1254-4

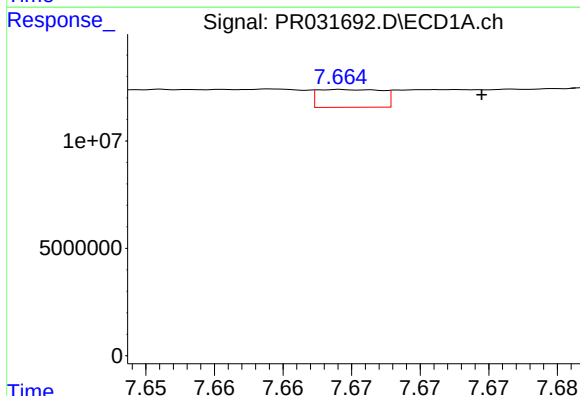
R.T.: 7.414 min
Delta R.T.: 0.012 min
Response: 18024188
Conc: 15.05 ng/ml

Instrument :
ECD_R
ClientSampleId :



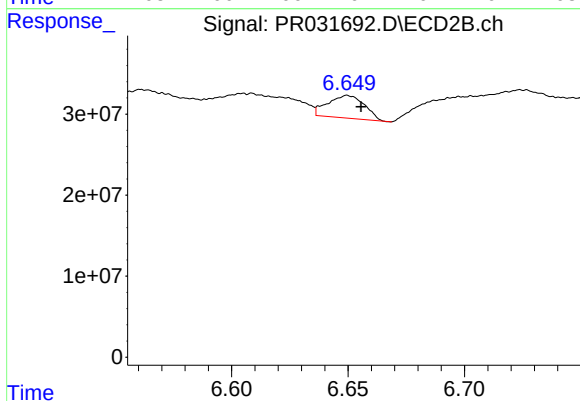
#29 AR-1254-4

R.T.: 6.609 min
Delta R.T.: 0.051 min
Response: 47454382
Conc: 31.88 ng/ml



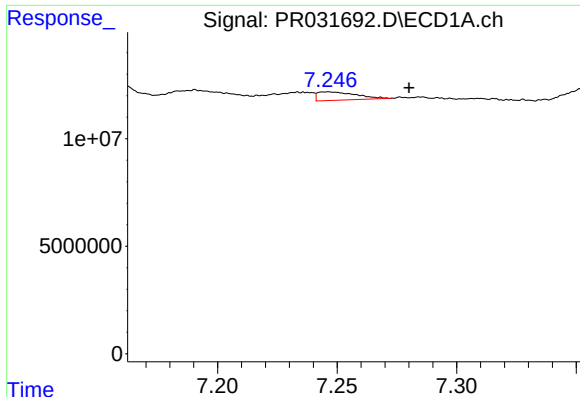
#30 AR-1254-5

R.T.: 7.664 min
Delta R.T.: -0.010 min
Response: 2705598
Conc: 3.12 ng/ml



#30 AR-1254-5

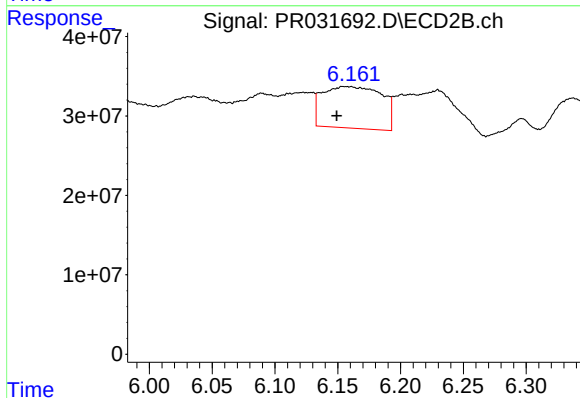
R.T.: 6.650 min
Delta R.T.: -0.006 min
Response: 30640391
Conc: 14.55 ng/ml



#31 AR-1260-1

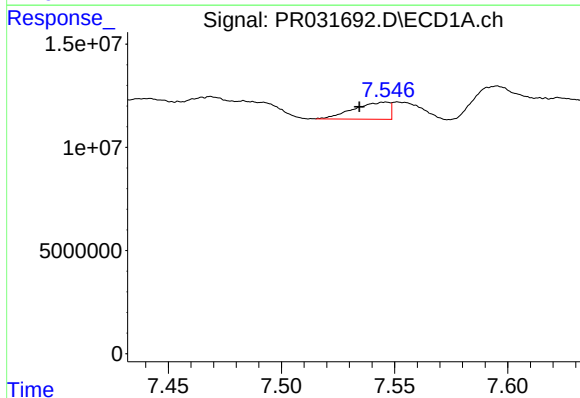
R.T.: 7.246 min
Delta R.T.: -0.034 min
Response: 4335269
Conc: 4.32 ng/ml

Instrument :
ECD_R
ClientSampleId :



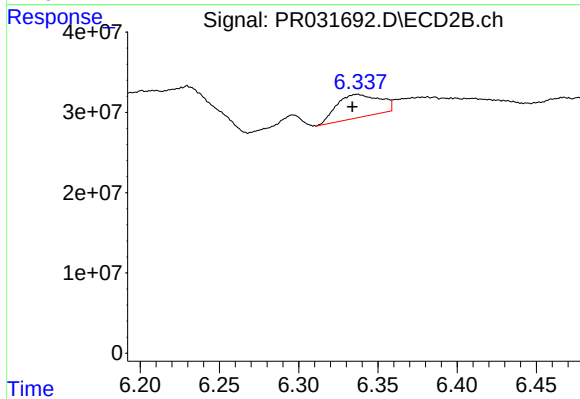
#31 AR-1260-1

R.T.: 6.161 min
Delta R.T.: 0.012 min
Response: 172306225
Conc: 75.89 ng/ml



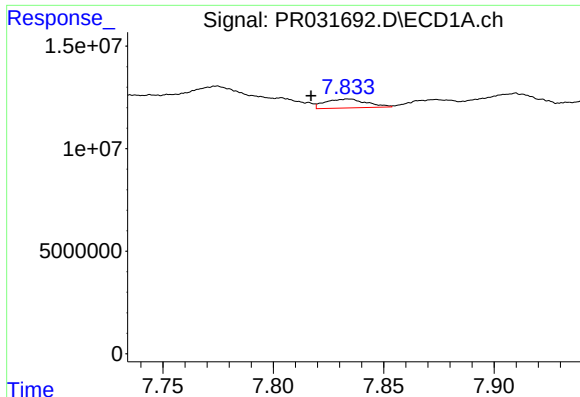
#32 AR-1260-2

R.T.: 7.546 min
Delta R.T.: 0.012 min
Response: 9032206
Conc: 6.82 ng/ml



#32 AR-1260-2

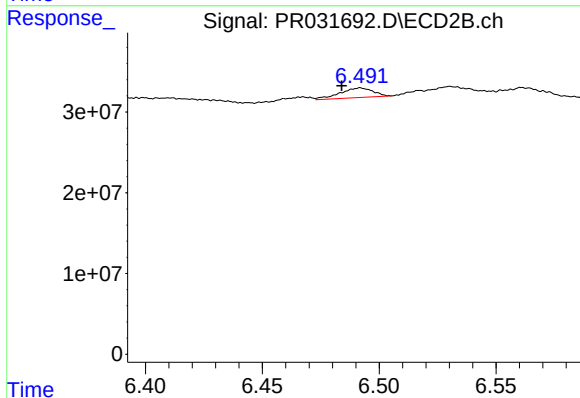
R.T.: 6.337 min
Delta R.T.: 0.004 min
Response: 54156364
Conc: 19.43 ng/ml



#33 AR-1260-3

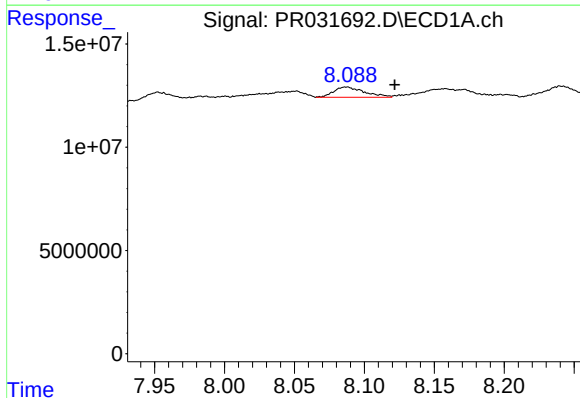
R.T.: 7.834 min
Delta R.T.: 0.017 min
Response: 5736543
Conc: 3.72 ng/ml

Instrument :
ECD_R
ClientSampleId :



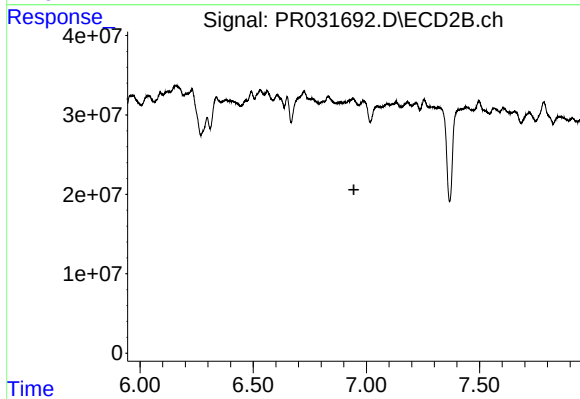
#33 AR-1260-3

R.T.: 6.492 min
Delta R.T.: 0.008 min
Response: 11673229
Conc: 5.20 ng/ml



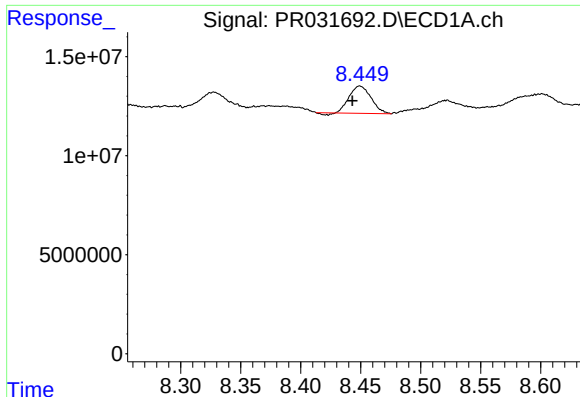
#34 AR-1260-4

R.T.: 8.088 min
Delta R.T.: -0.034 min
Response: 7697664
Conc: 6.86 ng/ml



#34 AR-1260-4

R.T.: 0.000 min
Exp R.T.: 6.945 min
Response: 0
Conc: N.D.



#35 AR-1260-5

R.T.: 8.449 min
Delta R.T.: 0.006 min
Response: 17225555
Conc: 6.65 ng/ml

Instrument :
ECD_R
ClientSampleId :

#35 AR-1260-5

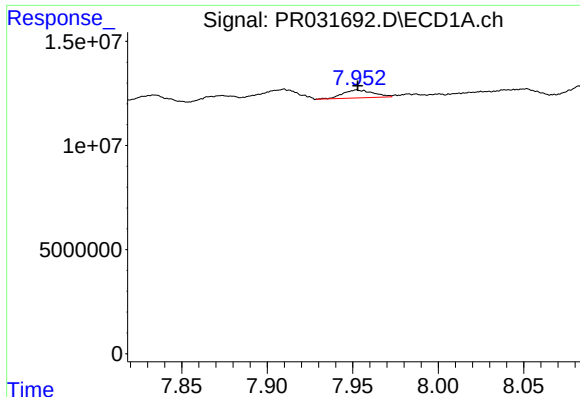
R.T.: 0.000 min
Exp R.T. : 7.184 min
Response: 0
Conc: N.D.

#36 AR-1262-1

R.T.: 7.191 min
Delta R.T.: 0.015 min
Response: 13983332
Conc: 23.63 ng/ml

#36 AR-1262-1

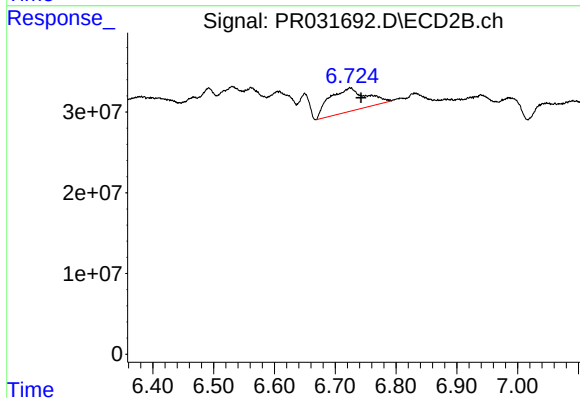
R.T.: 6.036 min
Delta R.T.: 0.000 min
Response: 74308610
Conc: 52.34 ng/ml



#37 AR-1262-2

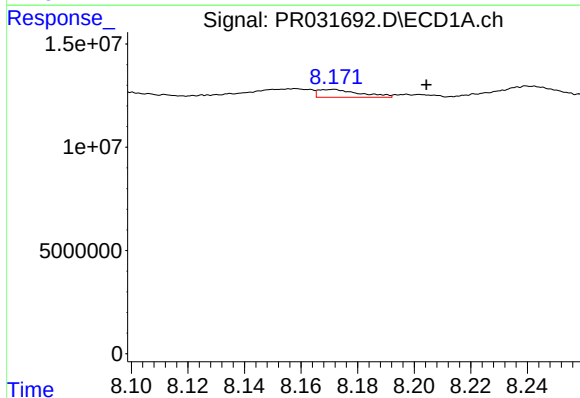
R.T.: 7.952 min
Delta R.T.: 0.000 min
Response: 4675309
Conc: 7.98 ng/ml

Instrument :
ECD_R
ClientSampleId :



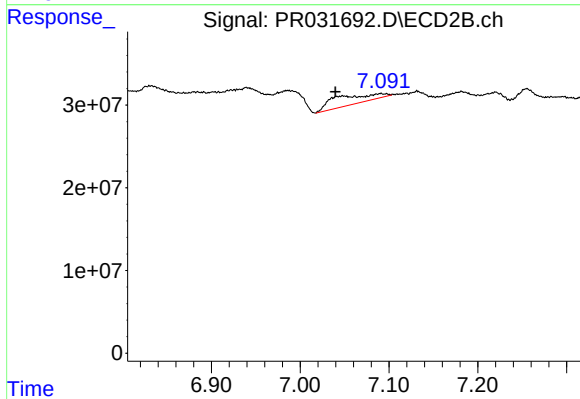
#37 AR-1262-2

R.T.: 6.727 min
Delta R.T.: -0.016 min
Response: 122826160
Conc: 114.48 ng/ml



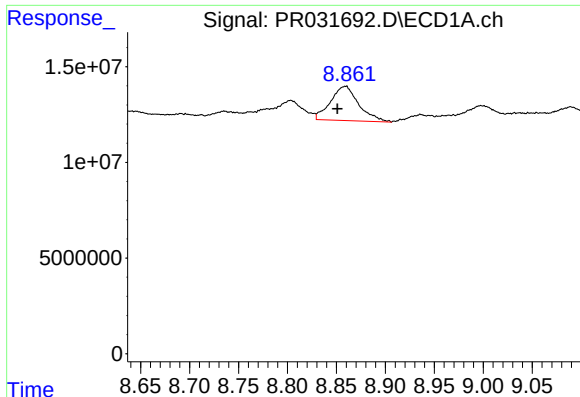
#38 AR-1262-3

R.T.: 8.172 min
Delta R.T.: -0.033 min
Response: 3889727
Conc: 7.51 ng/ml



#38 AR-1262-3

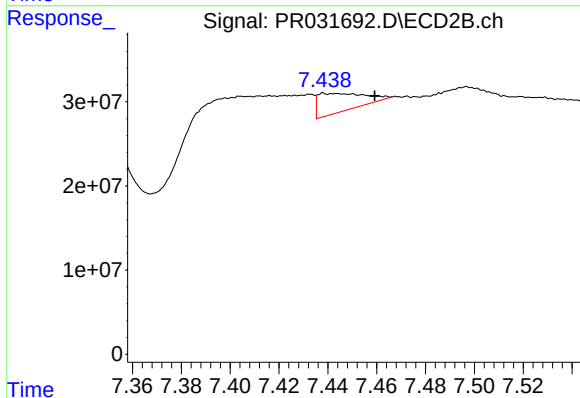
R.T.: 7.091 min
Delta R.T.: 0.052 min
Response: 37790216
Conc: 45.24 ng/ml



#39 AR-1262-4

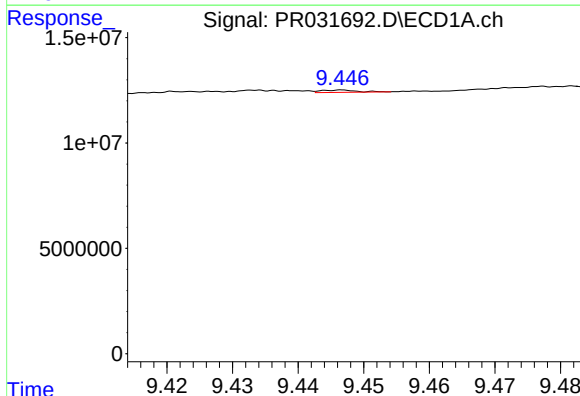
R.T.: 8.860 min
Delta R.T.: 0.009 min
Response: 35905456
Conc: 23.46 ng/ml

Instrument :
ECD_R
ClientSampleId :



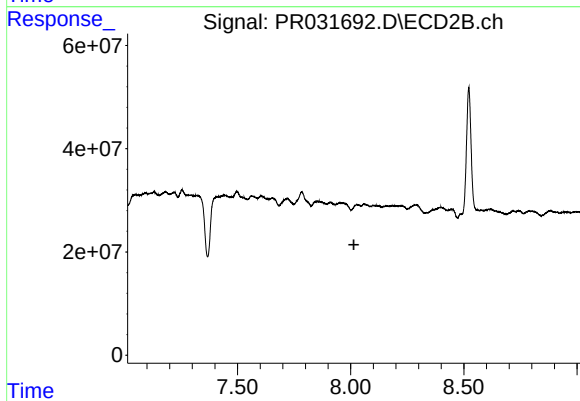
#39 AR-1262-4

R.T.: 7.438 min
Delta R.T.: -0.021 min
Response: 28687538
Conc: 24.69 ng/ml



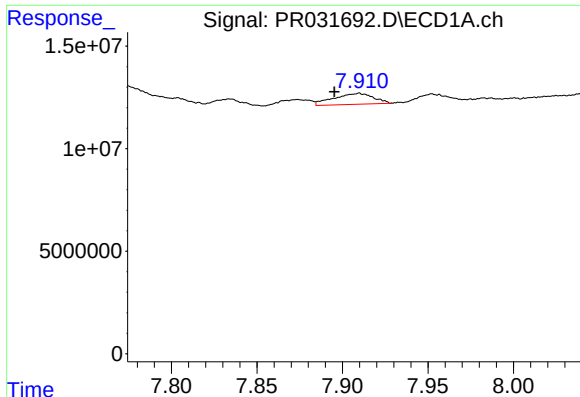
#40 AR-1262-5

R.T.: 9.447 min
Delta R.T.: -0.067 min
Response: 406744
Conc: 0.36 ng/ml



#40 AR-1262-5

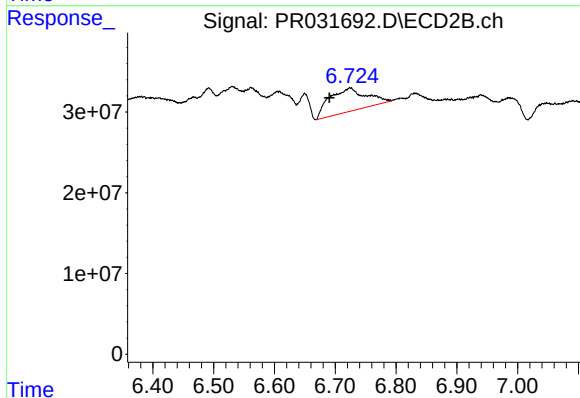
R.T.: 8.027 min
Delta R.T.: 0.012 min
Response: -1200858
Conc: N.D.



#41 AR-1268-1

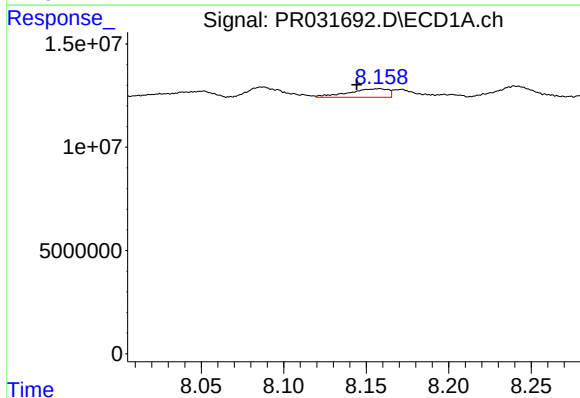
R.T.: 7.910 min
Delta R.T.: 0.014 min
Response: 8558724
Conc: 14.77 ng/ml

Instrument :
ECD_R
ClientSampleId :



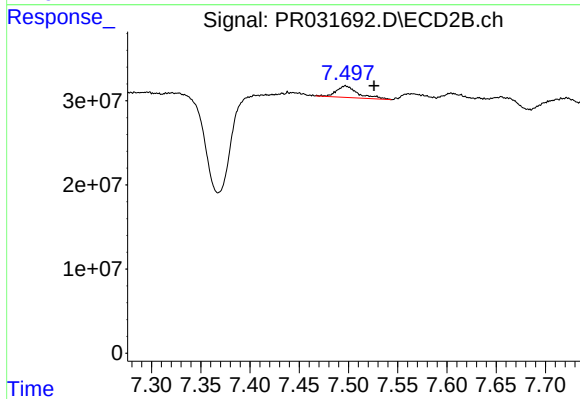
#41 AR-1268-1

R.T.: 6.727 min
Delta R.T.: 0.036 min
Response: 122826160
Conc: 118.45 ng/ml



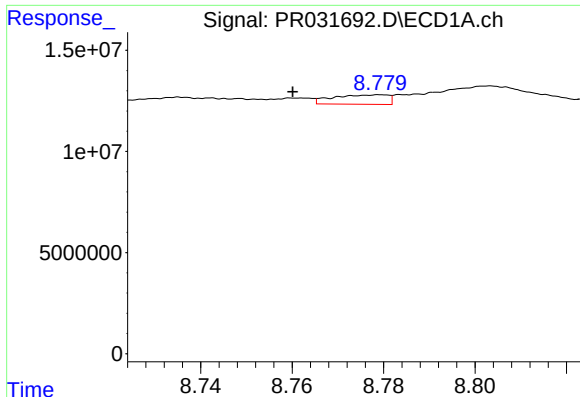
#42 AR-1268-2

R.T.: 8.158 min
Delta R.T.: 0.014 min
Response: 6968831
Conc: 8.62 ng/ml



#42 AR-1268-2

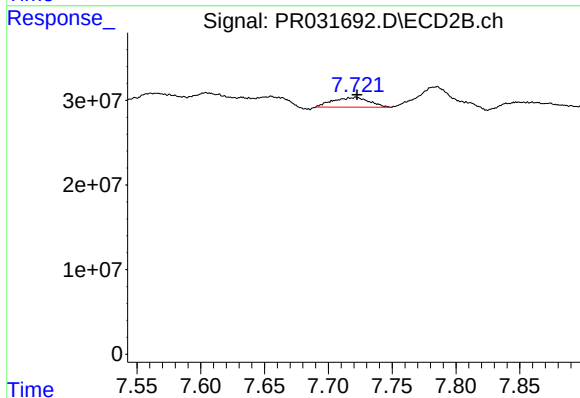
R.T.: 7.497 min
Delta R.T.: -0.029 min
Response: 21080772
Conc: 8.24 ng/ml



#43 AR-1268-3

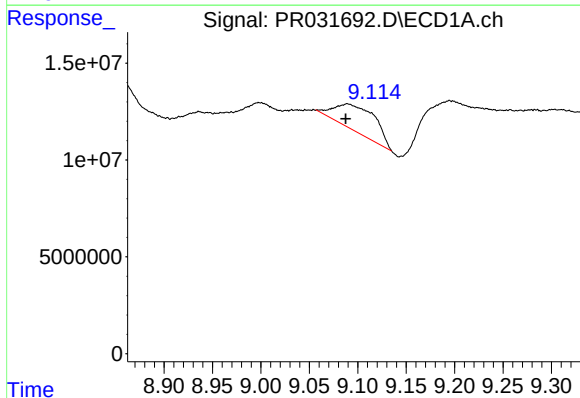
R.T.: 8.779 min
Delta R.T.: 0.019 min
Response: 3901420
Conc: 1.06 ng/ml

Instrument :
ECD_R
ClientSampleId :



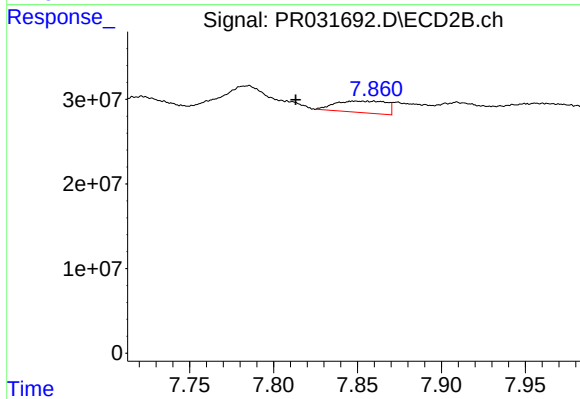
#43 AR-1268-3

R.T.: 7.721 min
Delta R.T.: 0.000 min
Response: 22969925
Conc: 10.60 ng/ml



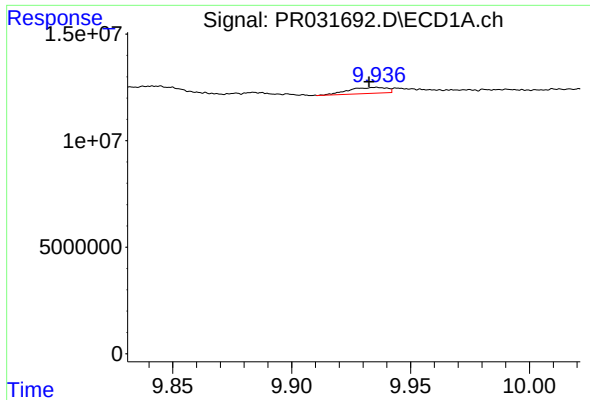
#44 AR-1268-4

R.T.: 9.089 min
Delta R.T.: 0.001 min
Response: 39456224
Conc: 13.35 ng/ml



#44 AR-1268-4

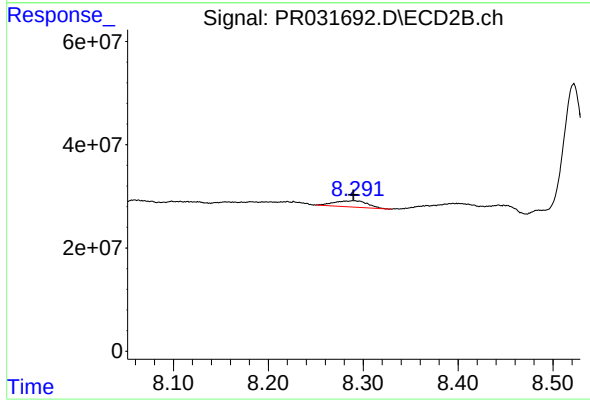
R.T.: 7.860 min
Delta R.T.: 0.047 min
Response: 28546100
Conc: 44.15 ng/ml



#45 AR-1268-5

R.T.: 9.936 min
Delta R.T.: 0.003 min
Response: 3172668
Conc: 0.36 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.289 min
Delta R.T.: 0.000 min
Response: 29127788
Conc: 4.83 ng/ml