

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR091118\
 Data File : PR031961.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Sep 2018 09:32
 Operator : SM\SJ
 Sample : J4836-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 11 09:47:13 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR090618.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Sep 07 03:46:12 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...	4.523	3.655	498.7E6	1251.8E6	25.435	33.953 #
2)	SA Decachlor...	10.268	8.513	596.5E6	507.2E6	18.545	19.373
Target Compounds							
3)	L1 AR-1016-1	0.000	4.301	0	2989657	N.D.	2.731 #
4)	L1 AR-1016-2	5.402	4.714	3028815	469503	5.355	0.275 #
5)	L1 AR-1016-3	5.630	4.714	30586942	469503	34.649	0.162 #
6)	L1 AR-1016-4	5.748	4.772	2680220	8029243	3.422	4.322 #
7)	L1 AR-1016-5	6.123	5.147	2287004	3566991	3.414	2.066 #
8)	L2 AR-1221-1	0.000	3.856	0	753255	N.D.	1.846 #
9)	L2 AR-1221-2	4.827	3.949	6054995	13650690	34.084	43.740 #
10)	L2 AR-1221-3	4.827	4.015	6054995	1122840	10.912	1.088 #
11)	L3 AR-1232-1	5.748	4.494	2680220	3231259	5.108	5.791
12)	L3 AR-1232-2	5.844	4.608	51414962	18873477	190.713	99.975 #
13)	L3 AR-1232-3	6.036	4.974	1373987	1747976	17.495	3.010 #
14)	L3 AR-1232-4	6.364	5.285	35391853	11241111	430.935	15.403 #
15)	L3 AR-1232-5	7.284	5.871	16001511	165.1E6	294.146	1489.175 #
16)	L4 AR-1242-1	0.000	4.301	0	2989657	N.D.	5.101 #
17)	L4 AR-1242-2	6.036	4.896	1373987	13233862	2.800	10.887 #
18)	L4 AR-1242-3	6.217	4.993	3634961	13120353	14.723	30.367 #
19)	L4 AR-1242-4	6.255	5.360	10033173	22379282	55.953	54.211
20)	L4 AR-1242-5	6.329	5.742	23586909	696.8E6	37.420	744.236 #
21)	L5 AR-1248-1	5.960	4.935	2949140	2072014	3.670	1.181 #
22)	L5 AR-1248-2	6.546	5.495	80350423	232.0E6	94.905	63.324 #
23)	L5 AR-1248-3	6.570	5.530	23447872	17464047	20.545	6.675 #
24)	L5 AR-1248-4	6.626	5.683	679736	1111.8E6	0.631	416.316 #
25)	L5 AR-1248-5	6.816	6.029	234.9E6	22993362	324.381	13.635 #
26)	L6 AR-1254-1	6.764	5.632	45663126	24099419	23.510	6.339 #
27)	L6 AR-1254-2	7.012	5.990	37257374	65857930	30.561	22.302 #
28)	L6 AR-1254-3	7.124	6.228	36656474	1594078	16.730	0.356 #
29)	L6 AR-1254-4	7.408	6.565	4943101	5590154	2.837	2.631
30)	L6 AR-1254-5	7.661	6.647	3123104	5358576	2.404	1.408 #
31)	L7 AR-1260-1	7.284	6.147	16001511	3418133	10.266	0.926 #
32)	L7 AR-1260-2	7.531	6.332	29945909	32167417	15.038	7.179 #
33)	L7 AR-1260-3	7.816	6.478	5006414	3667828	2.150	1.041 #
34)	L7 AR-1260-4	8.082	6.950	604191	10167682	0.362	4.945 #
35)	L7 AR-1260-5	8.438	7.184	4884425	1737644	1.302	0.398 #
36)	L8 AR-1262-1	7.124	6.029	36656474	22993362	43.305	11.492 #
37)	L8 AR-1262-2	0.000	6.735	0	2174420	N.D.	1.446 #
38)	L8 AR-1262-3	8.222	7.041	2462494	2283321	3.270	1.870 #
39)	L8 AR-1262-4	8.852	7.455	1111677	1363884	0.523	0.814 #
40)	L8 AR-1262-5	9.495	8.020	9343593	700035	6.116	0.553 #
41)	L9 AR-1268-1	0.000	6.688	0	9288564	N.D.	5.691 #

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 Sample : J4836-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

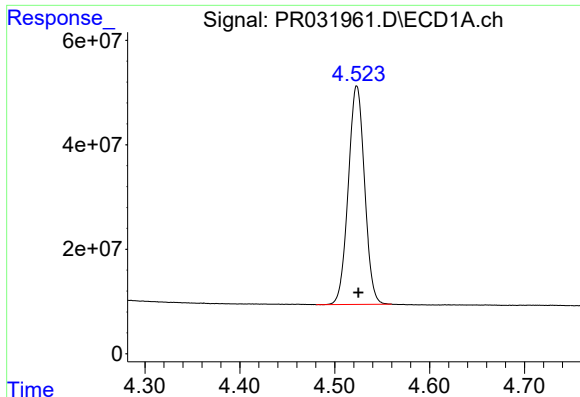
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 11 09:47:13 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR090618.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
42) L9	AR-1268-2	8.169	7.521	9420393	1074005	7.494	0.267 #
43) L9	AR-1268-3	8.761	7.716	1131202	3620018	0.204	1.051 #
44) L9	AR-1268-4	9.085	7.807	2239835	4110134	0.507	4.148 #
45) L9	AR-1268-5	9.925	8.278	11698644	9442126	0.961	0.990

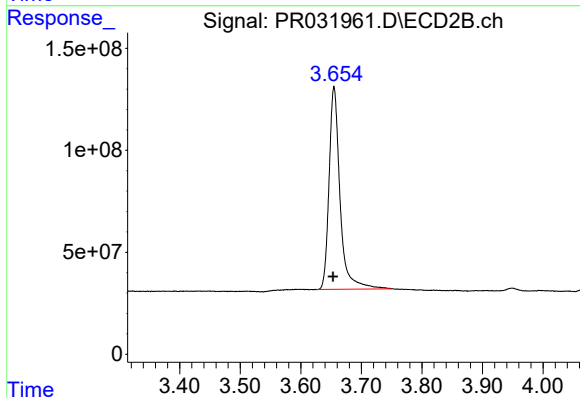
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

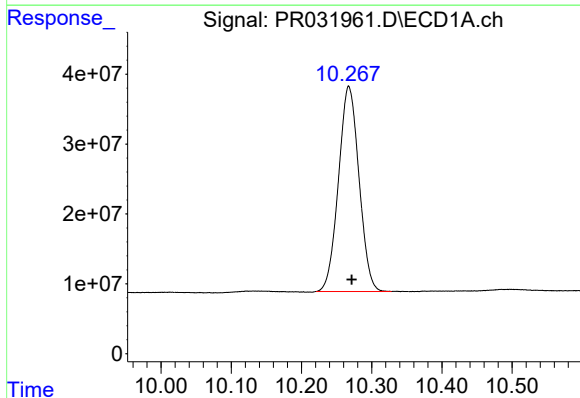
R.T.: 4.523 min
Delta R.T.: -0.002 min
Response: 498657596
Conc: 25.44 ng/ml

Instrument :
ECD_R
ClientSampleId :



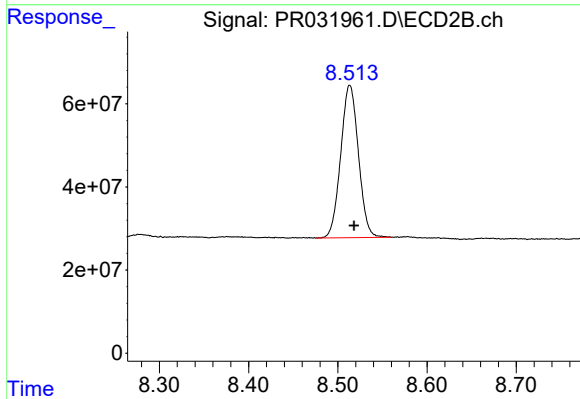
#1 Tetrachloro-m-xylene

R.T.: 3.655 min
Delta R.T.: 0.002 min
Response: 1251833750
Conc: 33.95 ng/ml



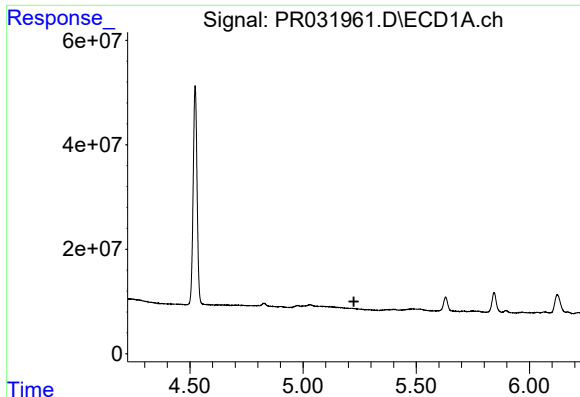
#2 Decachlorobiphenyl

R.T.: 10.268 min
Delta R.T.: -0.004 min
Response: 596493886
Conc: 18.54 ng/ml



#2 Decachlorobiphenyl

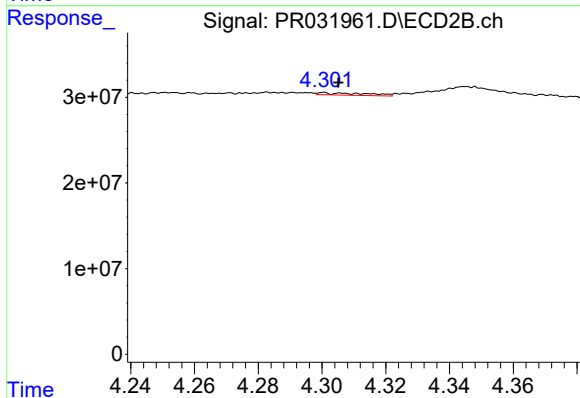
R.T.: 8.513 min
Delta R.T.: -0.005 min
Response: 507181922
Conc: 19.37 ng/ml



#3 AR-1016-1

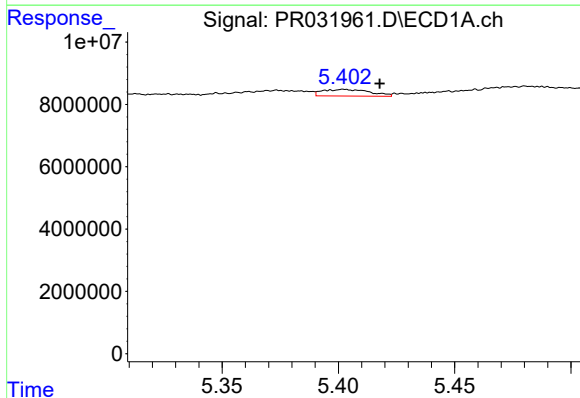
R.T.: 0.000 min
Exp R.T.: 5.224 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



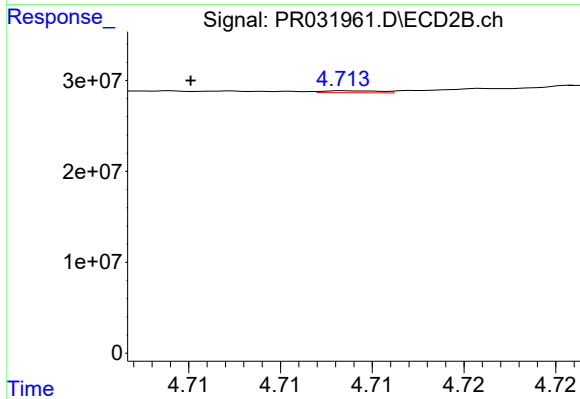
#3 AR-1016-1

R.T.: 4.301 min
Delta R.T.: -0.005 min
Response: 2989657
Conc: 2.73 ng/ml



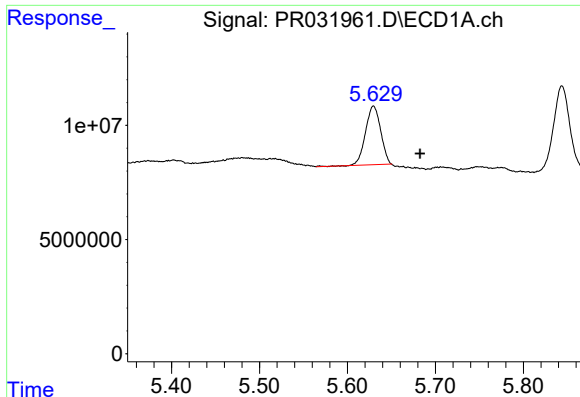
#4 AR-1016-2

R.T.: 5.402 min
Delta R.T.: -0.015 min
Response: 3028815
Conc: 5.35 ng/ml



#4 AR-1016-2

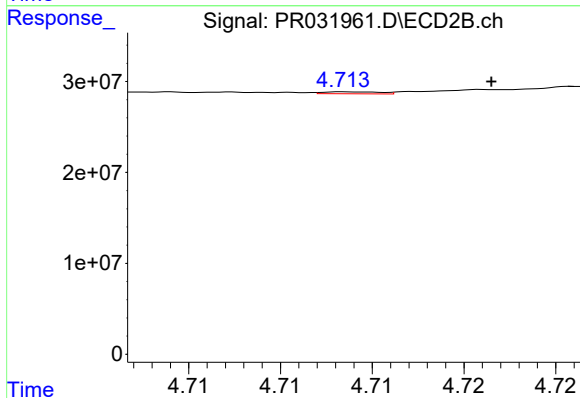
R.T.: 4.714 min
Delta R.T.: 0.009 min
Response: 469503
Conc: 0.28 ng/ml



#5 AR-1016-3

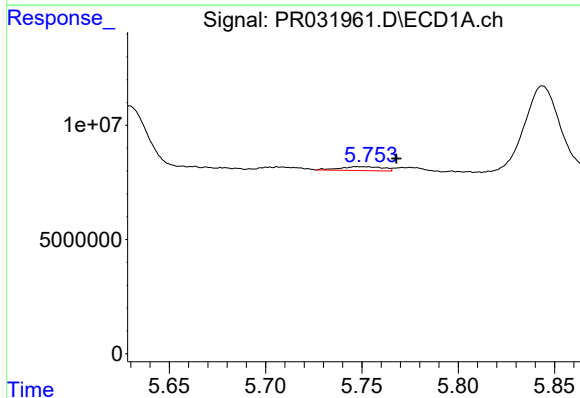
R.T.: 5.630 min
Delta R.T.: -0.053 min
Response: 30586942
Conc: 34.65 ng/ml

Instrument :
ECD_R
ClientSampleId :



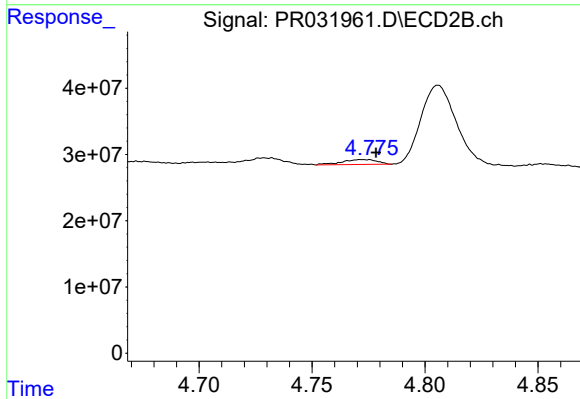
#5 AR-1016-3

R.T.: 4.714 min
Delta R.T.: -0.007 min
Response: 469503
Conc: 0.16 ng/ml



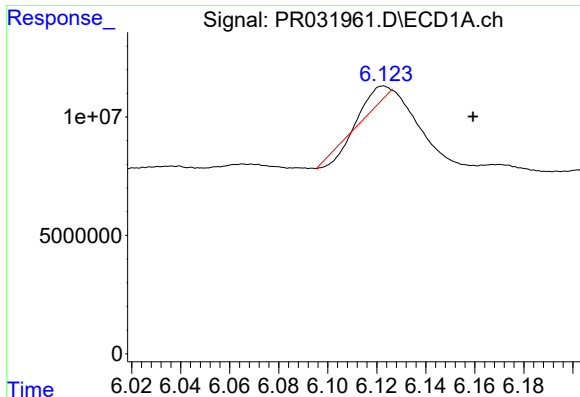
#6 AR-1016-4

R.T.: 5.748 min
Delta R.T.: -0.020 min
Response: 2680220
Conc: 3.42 ng/ml



#6 AR-1016-4

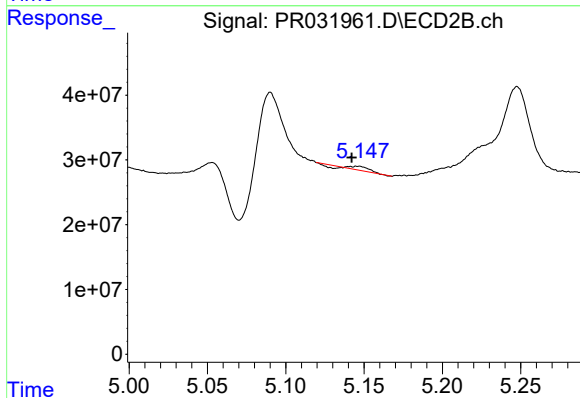
R.T.: 4.772 min
Delta R.T.: -0.006 min
Response: 8029243
Conc: 4.32 ng/ml



#7 AR-1016-5

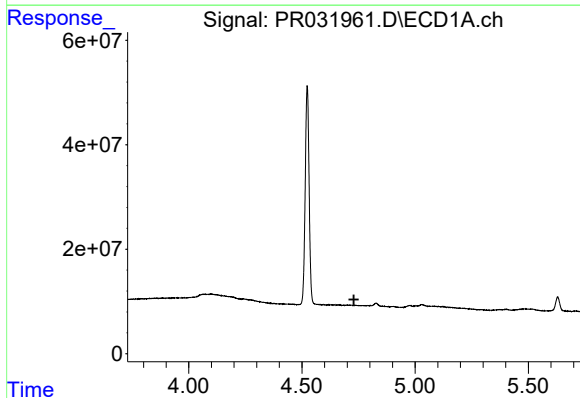
R.T.: 6.123 min
Delta R.T.: -0.037 min
Response: 2287004
Conc: 3.41 ng/ml

Instrument :
ECD_R
ClientSampleId :



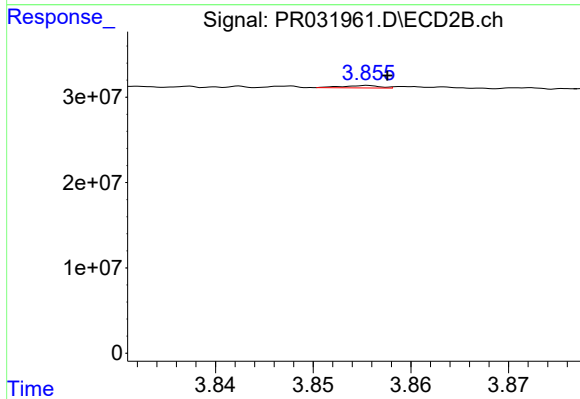
#7 AR-1016-5

R.T.: 5.147 min
Delta R.T.: 0.005 min
Response: 3566991
Conc: 2.07 ng/ml



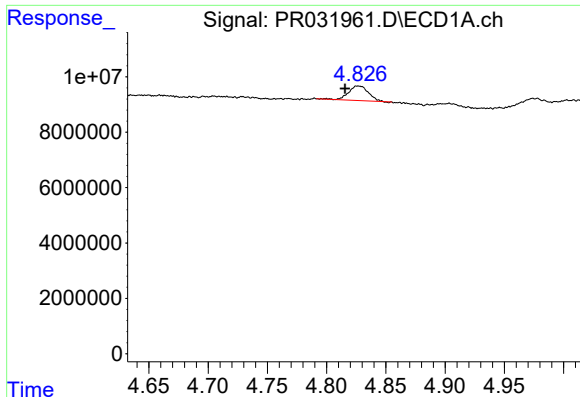
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.730 min
Response: 0
Conc: N.D.



#8 AR-1221-1

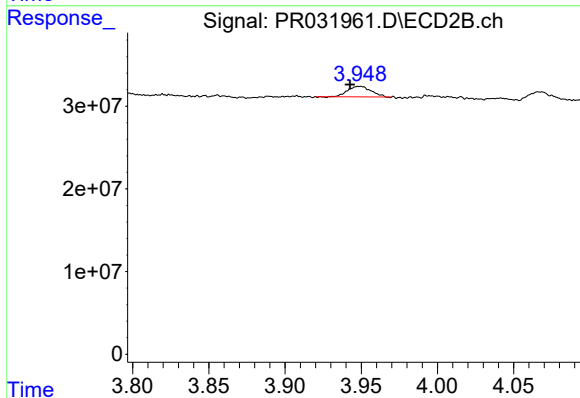
R.T.: 3.856 min
Delta R.T.: -0.002 min
Response: 753255
Conc: 1.85 ng/ml



#9 AR-1221-2

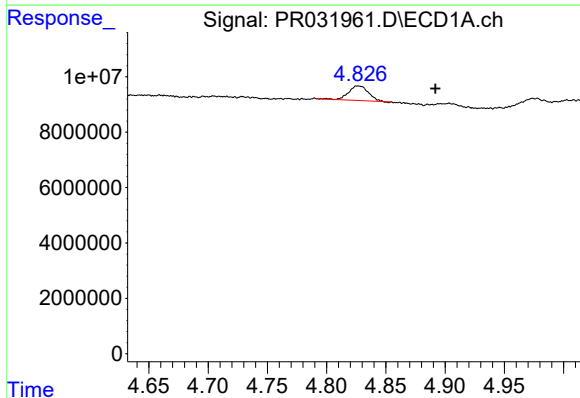
R.T.: 4.827 min
Delta R.T.: 0.011 min
Response: 6054995
Conc: 34.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



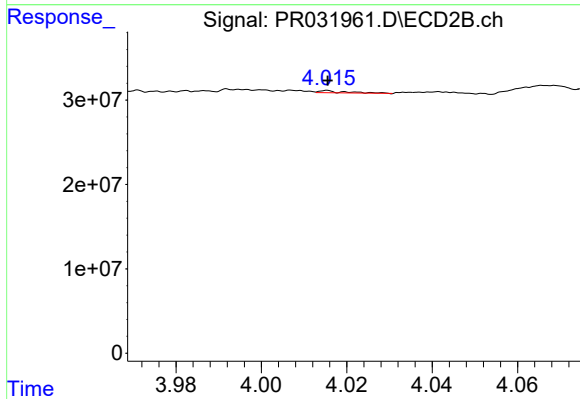
#9 AR-1221-2

R.T.: 3.949 min
Delta R.T.: 0.007 min
Response: 13650690
Conc: 43.74 ng/ml



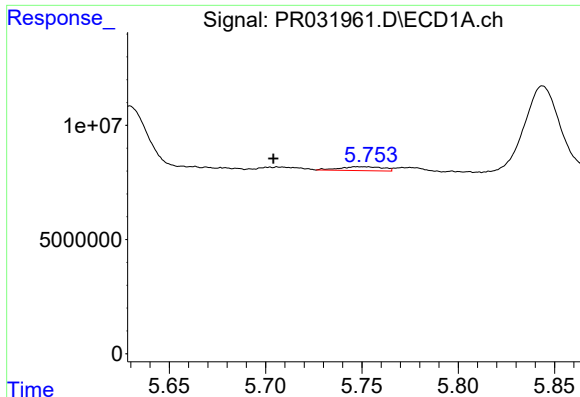
#10 AR-1221-3

R.T.: 4.827 min
Delta R.T.: -0.065 min
Response: 6054995
Conc: 10.91 ng/ml



#10 AR-1221-3

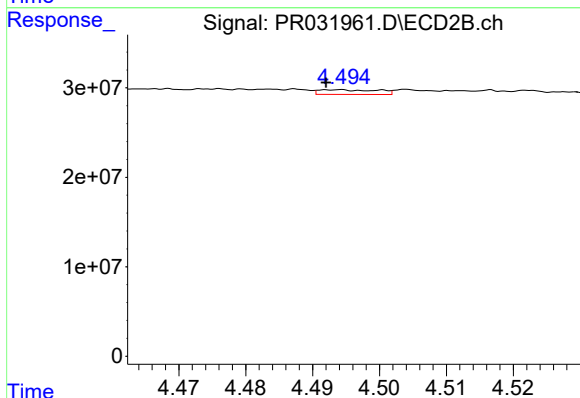
R.T.: 4.015 min
Delta R.T.: 0.000 min
Response: 1122840
Conc: 1.09 ng/ml



#11 AR-1232-1

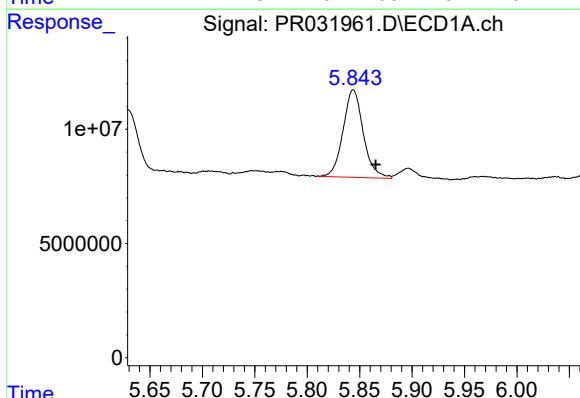
R.T.: 5.748 min
Delta R.T.: 0.044 min
Response: 2680220
Conc: 5.11 ng/ml

Instrument :
ECD_R
ClientSampleId :



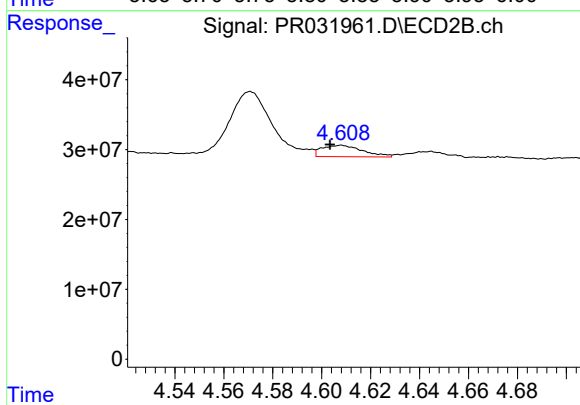
#11 AR-1232-1

R.T.: 4.494 min
Delta R.T.: 0.002 min
Response: 3231259
Conc: 5.79 ng/ml



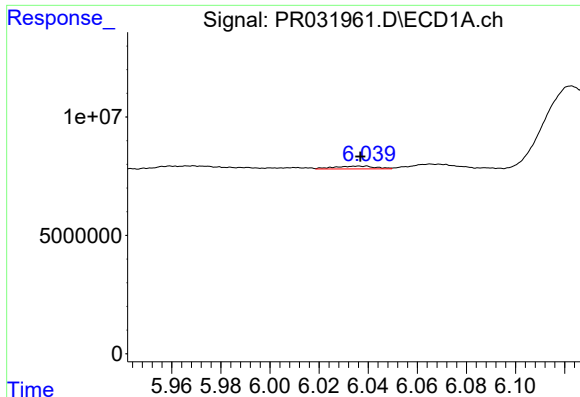
#12 AR-1232-2

R.T.: 5.844 min
Delta R.T.: -0.021 min
Response: 51414962
Conc: 190.71 ng/ml



#12 AR-1232-2

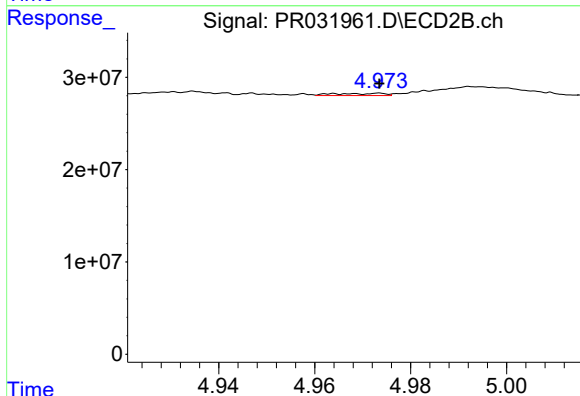
R.T.: 4.608 min
Delta R.T.: 0.005 min
Response: 18873477
Conc: 99.97 ng/ml



#13 AR-1232-3

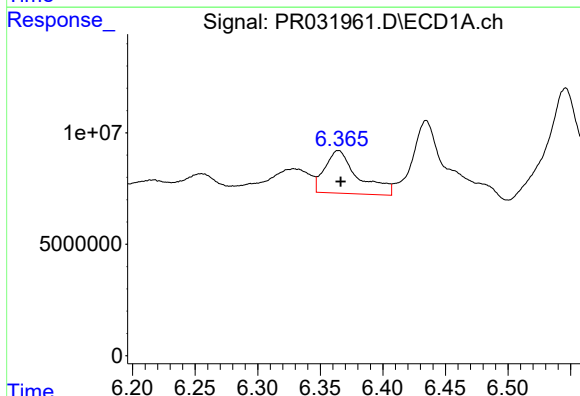
R.T.: 6.036 min
Delta R.T.: 0.000 min
Response: 1373987
Conc: 17.49 ng/ml

Instrument :
ECD_R
ClientSampleId :



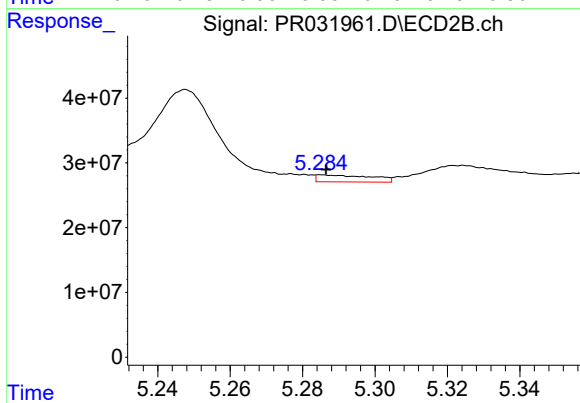
#13 AR-1232-3

R.T.: 4.974 min
Delta R.T.: 0.000 min
Response: 1747976
Conc: 3.01 ng/ml



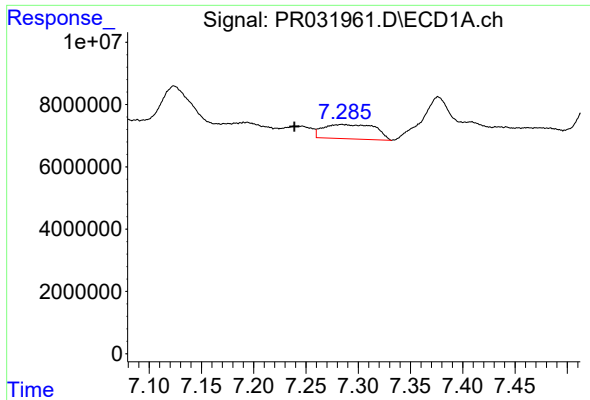
#14 AR-1232-4

R.T.: 6.364 min
Delta R.T.: -0.002 min
Response: 35391853
Conc: 430.94 ng/ml



#14 AR-1232-4

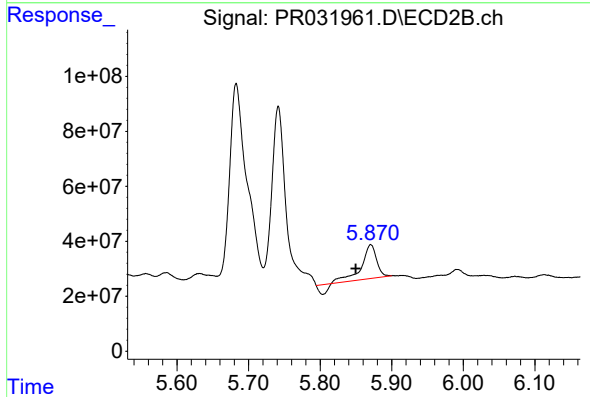
R.T.: 5.285 min
Delta R.T.: -0.001 min
Response: 11241111
Conc: 15.40 ng/ml



#15 AR-1232-5

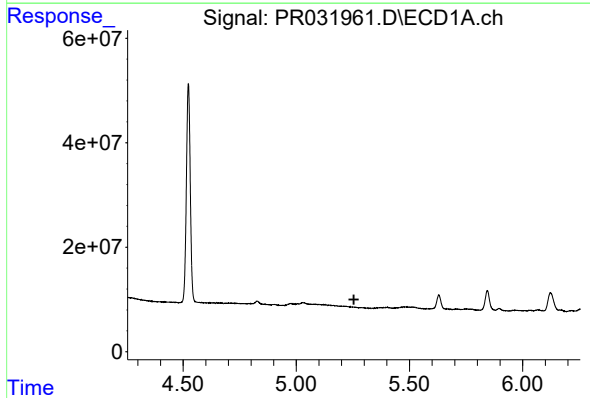
R.T.: 7.284 min
Delta R.T.: 0.045 min
Response: 16001511
Conc: 294.15 ng/ml

Instrument :
ECD_R
ClientSampleId :



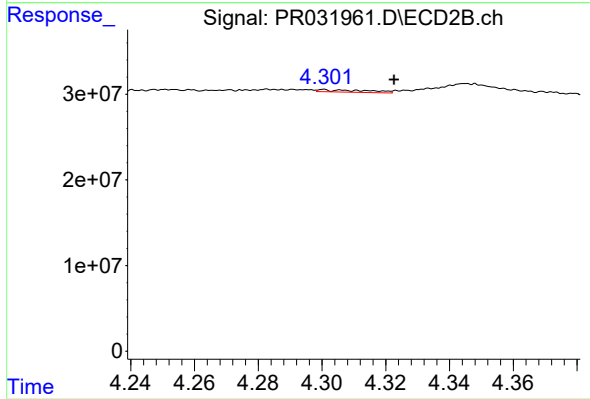
#15 AR-1232-5

R.T.: 5.871 min
Delta R.T.: 0.021 min
Response: 165084351
Conc: 1489.17 ng/ml



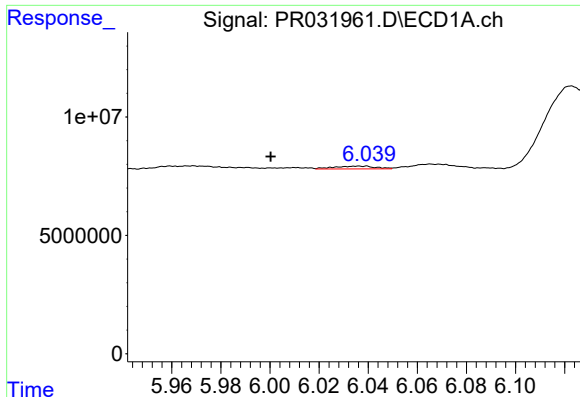
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.254 min
Response: 0
Conc: N.D.



#16 AR-1242-1

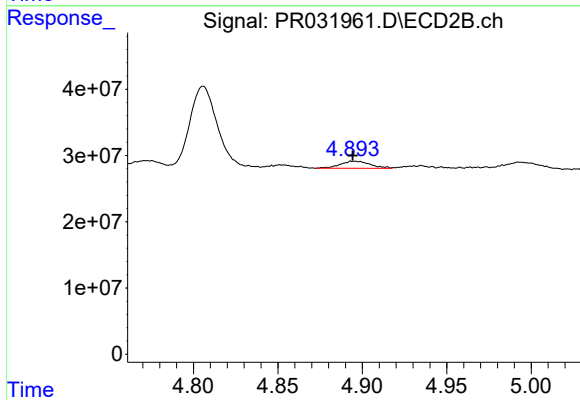
R.T.: 4.301 min
Delta R.T.: -0.022 min
Response: 2989657
Conc: 5.10 ng/ml



#17 AR-1242-2

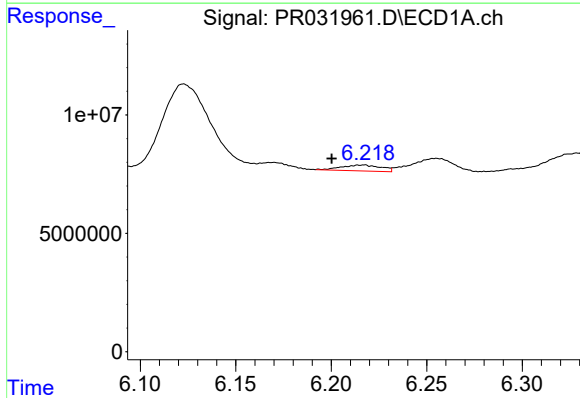
R.T.: 6.036 min
Delta R.T.: 0.036 min
Response: 1373987
Conc: 2.80 ng/ml

Instrument :
ECD_R
ClientSampleId :



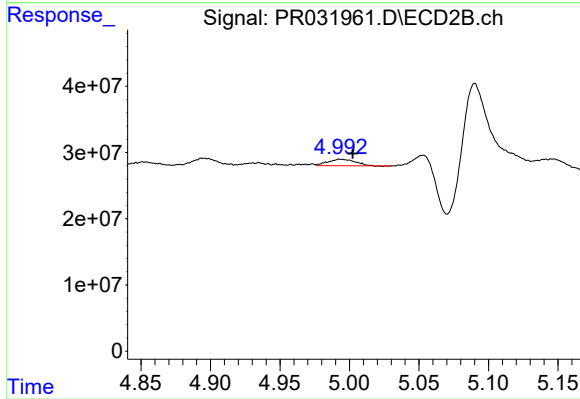
#17 AR-1242-2

R.T.: 4.896 min
Delta R.T.: 0.001 min
Response: 13233862
Conc: 10.89 ng/ml



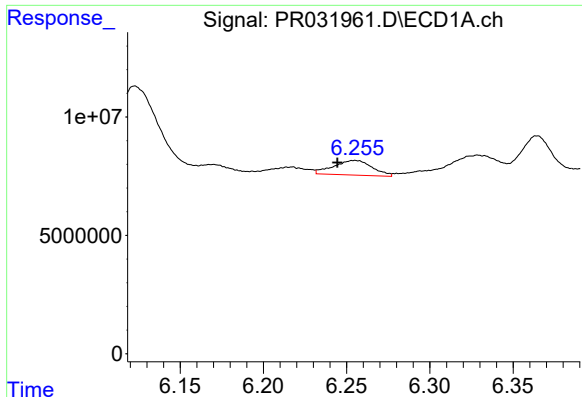
#18 AR-1242-3

R.T.: 6.217 min
Delta R.T.: 0.016 min
Response: 3634961
Conc: 14.72 ng/ml



#18 AR-1242-3

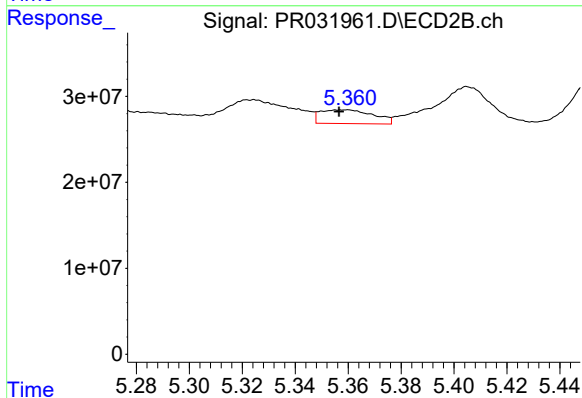
R.T.: 4.993 min
Delta R.T.: -0.010 min
Response: 13120353
Conc: 30.37 ng/ml



#19 AR-1242-4

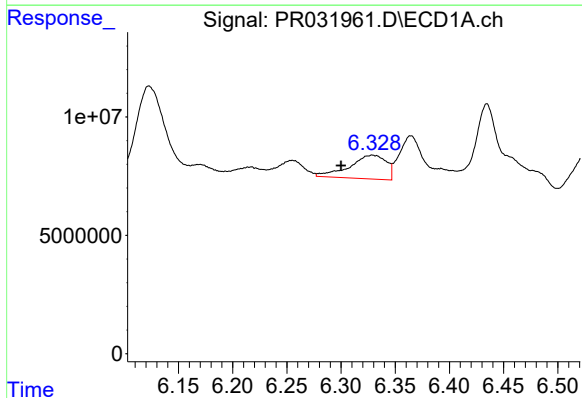
R.T.: 6.255 min
Delta R.T.: 0.011 min
Response: 10033173
Conc: 55.95 ng/ml

Instrument :
ECD_R
ClientSampleId :



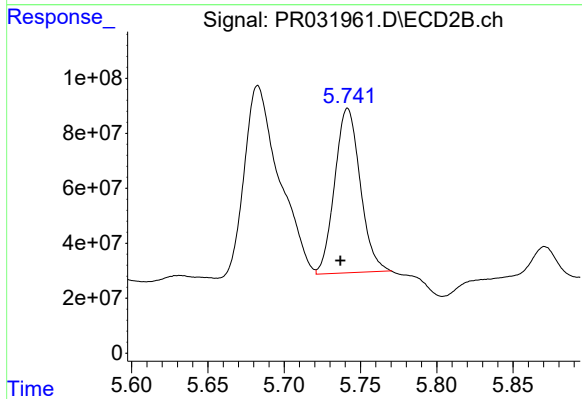
#19 AR-1242-4

R.T.: 5.360 min
Delta R.T.: 0.003 min
Response: 22379282
Conc: 54.21 ng/ml



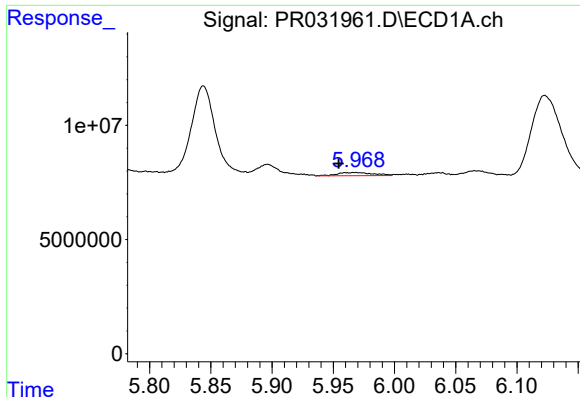
#20 AR-1242-5

R.T.: 6.329 min
Delta R.T.: 0.029 min
Response: 23586909
Conc: 37.42 ng/ml



#20 AR-1242-5

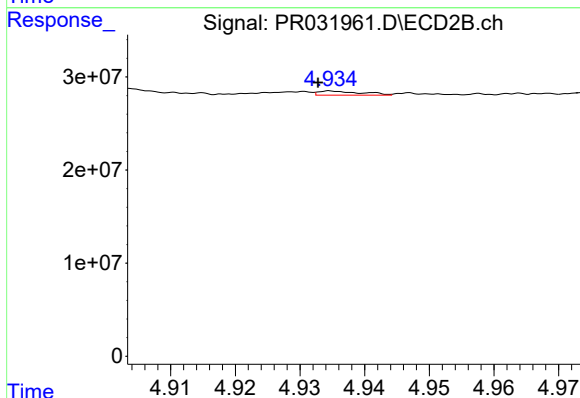
R.T.: 5.742 min
Delta R.T.: 0.005 min
Response: 696814554
Conc: 744.24 ng/ml



#21 AR-1248-1

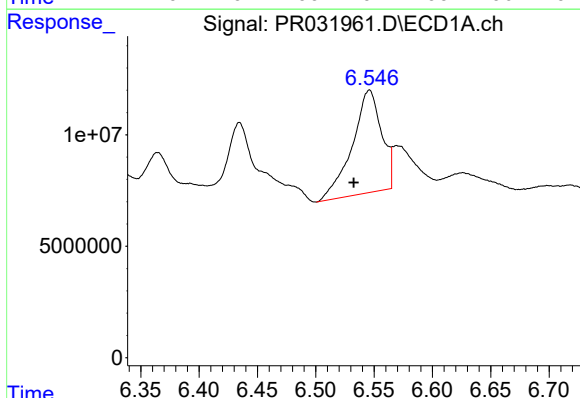
R.T.: 5.960 min
Delta R.T.: 0.005 min
Response: 2949140
Conc: 3.67 ng/ml

Instrument :
ECD_R
ClientSampleId :



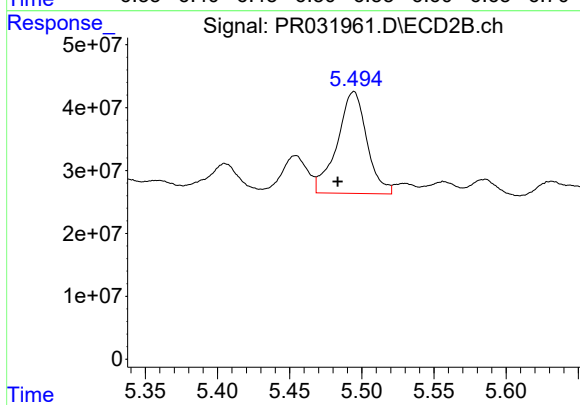
#21 AR-1248-1

R.T.: 4.935 min
Delta R.T.: 0.002 min
Response: 2072014
Conc: 1.18 ng/ml



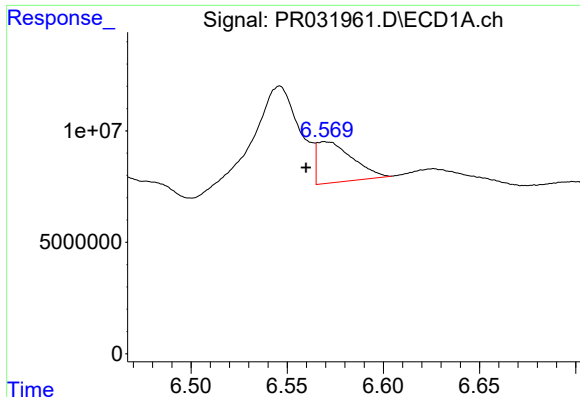
#22 AR-1248-2

R.T.: 6.546 min
Delta R.T.: 0.013 min
Response: 80350423
Conc: 94.91 ng/ml



#22 AR-1248-2

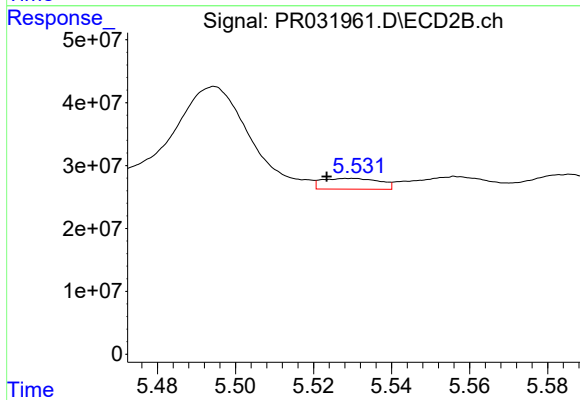
R.T.: 5.495 min
Delta R.T.: 0.011 min
Response: 232018327
Conc: 63.32 ng/ml



#23 AR-1248-3

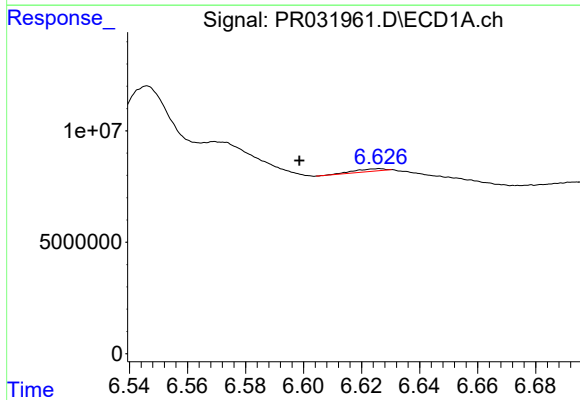
R.T.: 6.570 min
Delta R.T.: 0.010 min
Response: 23447872
Conc: 20.55 ng/ml

Instrument :
ECD_R
ClientSampleId :



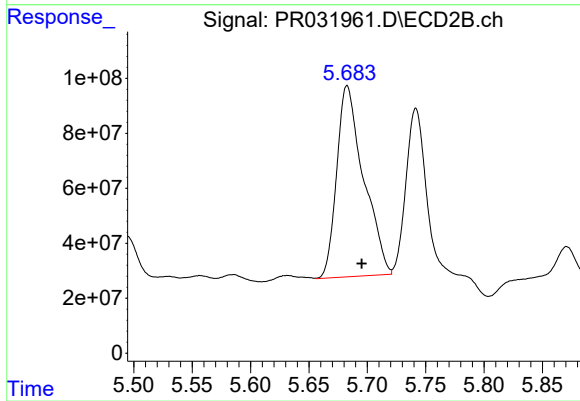
#23 AR-1248-3

R.T.: 5.530 min
Delta R.T.: 0.007 min
Response: 17464047
Conc: 6.68 ng/ml



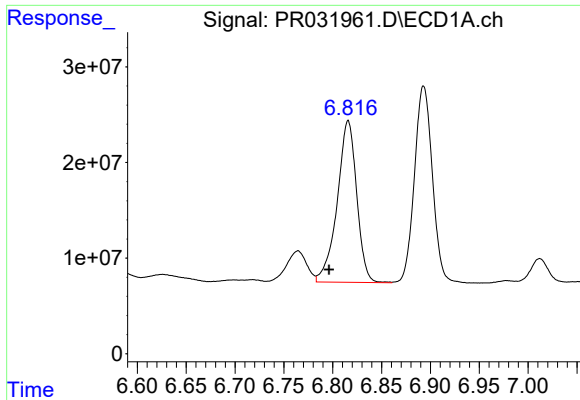
#24 AR-1248-4

R.T.: 6.626 min
Delta R.T.: 0.027 min
Response: 679736
Conc: 0.63 ng/ml



#24 AR-1248-4

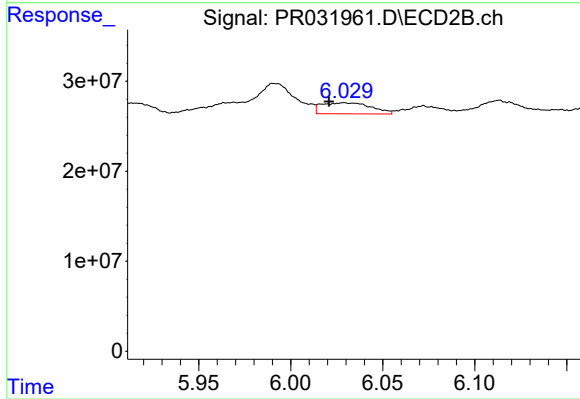
R.T.: 5.683 min
Delta R.T.: -0.013 min
Response: 1111767946
Conc: 416.32 ng/ml



#25 AR-1248-5

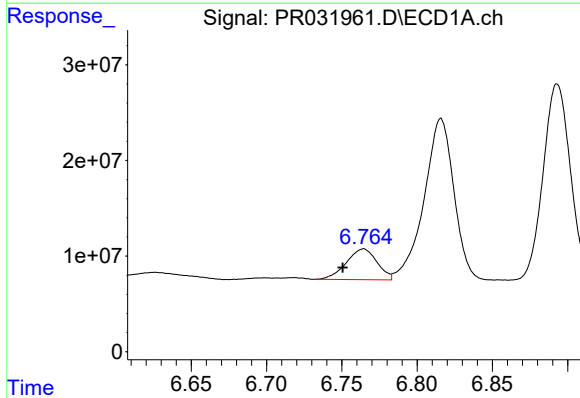
R.T.: 6.816 min
Delta R.T.: 0.020 min
Response: 234940733
Conc: 324.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



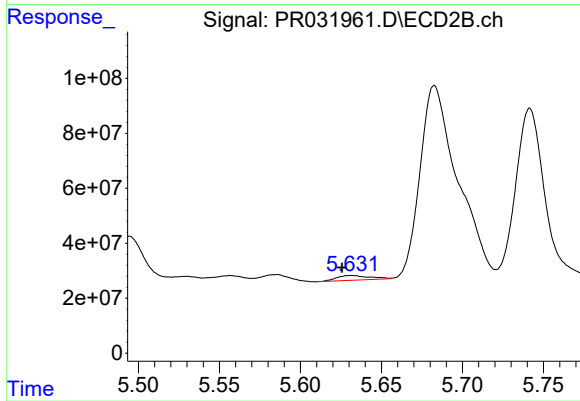
#25 AR-1248-5

R.T.: 6.029 min
Delta R.T.: 0.008 min
Response: 22993362
Conc: 13.63 ng/ml



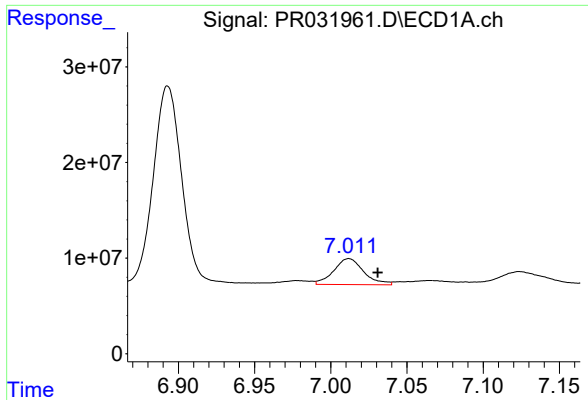
#26 AR-1254-1

R.T.: 6.764 min
Delta R.T.: 0.014 min
Response: 45663126
Conc: 23.51 ng/ml



#26 AR-1254-1

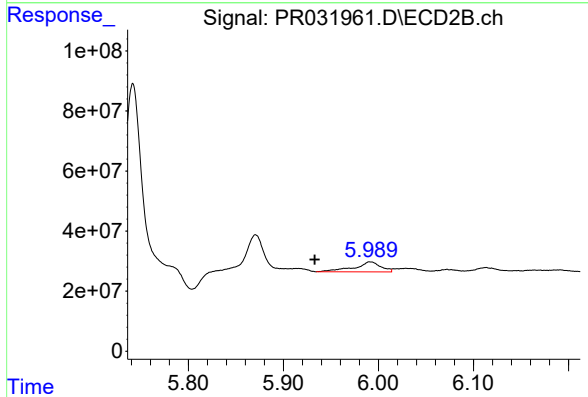
R.T.: 5.632 min
Delta R.T.: 0.006 min
Response: 24099419
Conc: 6.34 ng/ml



#27 AR-1254-2

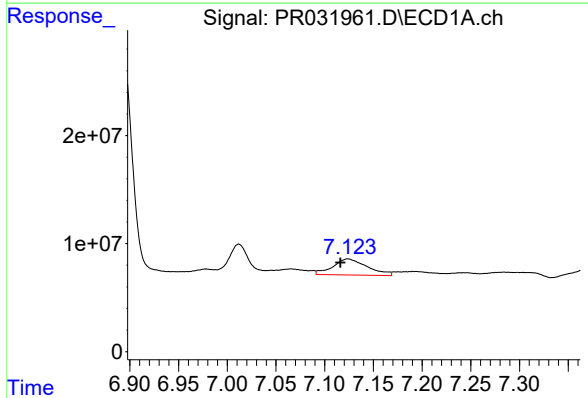
R.T.: 7.012 min
Delta R.T.: -0.019 min
Response: 37257374
Conc: 30.56 ng/ml

Instrument :
ECD_R
ClientSampleId :



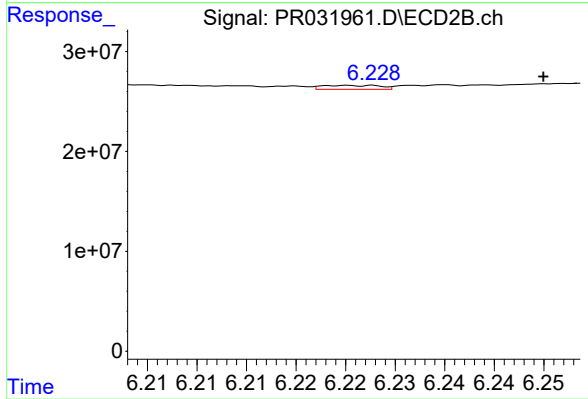
#27 AR-1254-2

R.T.: 5.990 min
Delta R.T.: 0.058 min
Response: 65857930
Conc: 22.30 ng/ml



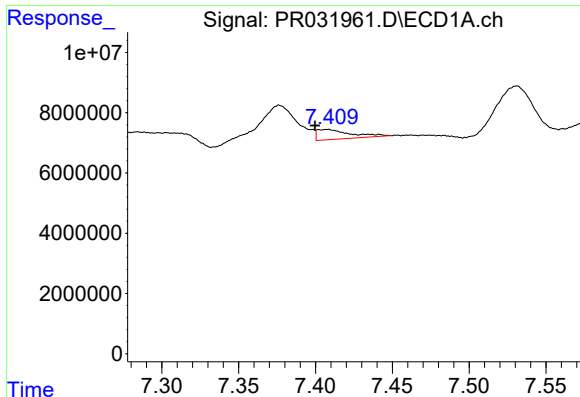
#28 AR-1254-3

R.T.: 7.124 min
Delta R.T.: 0.008 min
Response: 36656474
Conc: 16.73 ng/ml



#28 AR-1254-3

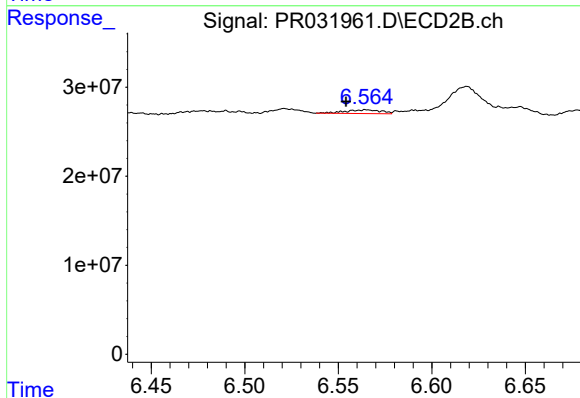
R.T.: 6.228 min
Delta R.T.: -0.017 min
Response: 1594078
Conc: 0.36 ng/ml



#29 AR-1254-4

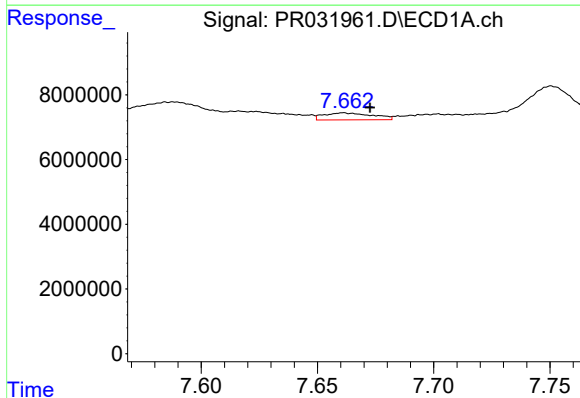
R.T.: 7.408 min
Delta R.T.: 0.008 min
Response: 4943101
Conc: 2.84 ng/ml

Instrument :
ECD_R
ClientSampleId :



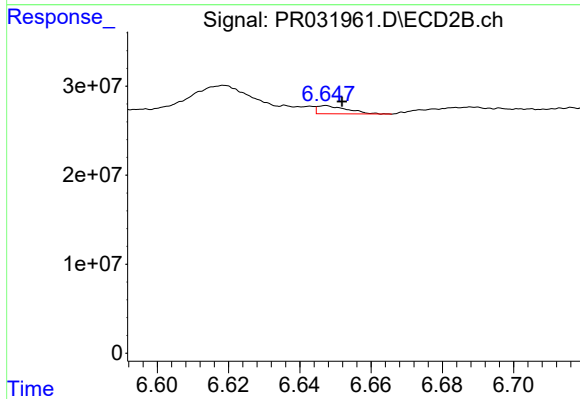
#29 AR-1254-4

R.T.: 6.565 min
Delta R.T.: 0.011 min
Response: 5590154
Conc: 2.63 ng/ml



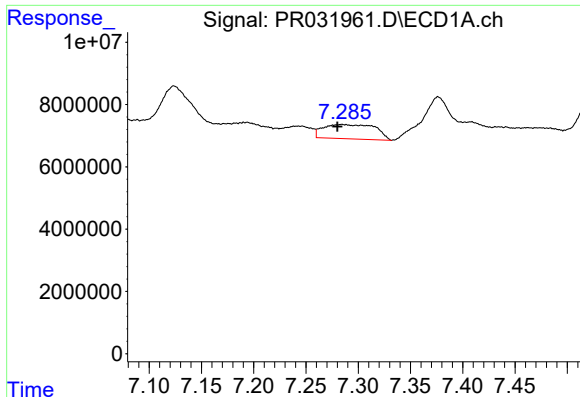
#30 AR-1254-5

R.T.: 7.661 min
Delta R.T.: -0.011 min
Response: 3123104
Conc: 2.40 ng/ml



#30 AR-1254-5

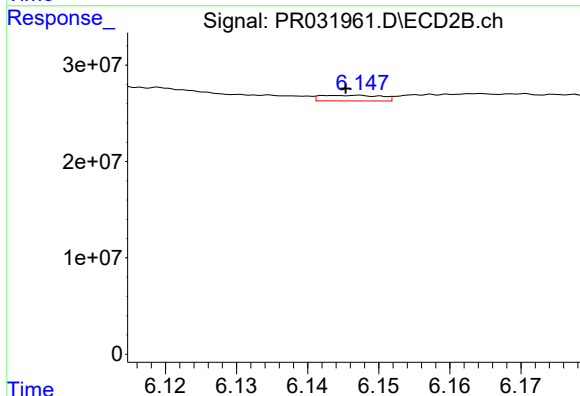
R.T.: 6.647 min
Delta R.T.: -0.004 min
Response: 5358576
Conc: 1.41 ng/ml



#31 AR-1260-1

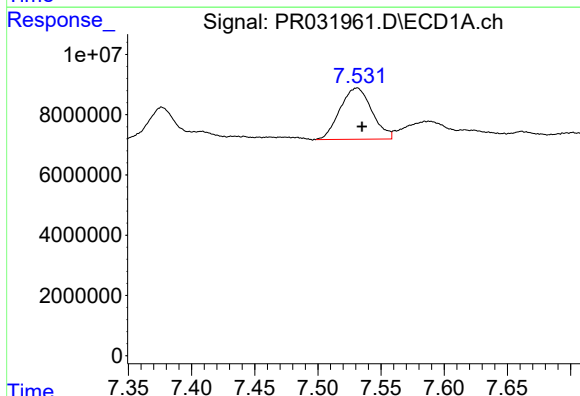
R.T.: 7.284 min
Delta R.T.: 0.004 min
Response: 16001511
Conc: 10.27 ng/ml

Instrument :
ECD_R
ClientSampleId :



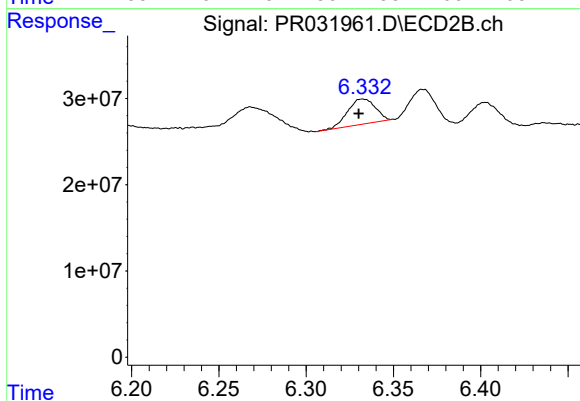
#31 AR-1260-1

R.T.: 6.147 min
Delta R.T.: 0.002 min
Response: 3418133
Conc: 0.93 ng/ml



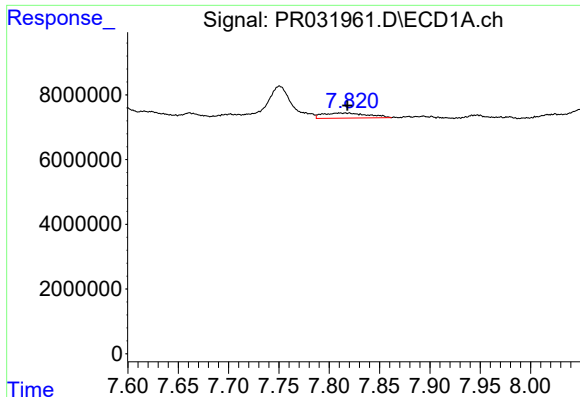
#32 AR-1260-2

R.T.: 7.531 min
Delta R.T.: -0.004 min
Response: 29945909
Conc: 15.04 ng/ml



#32 AR-1260-2

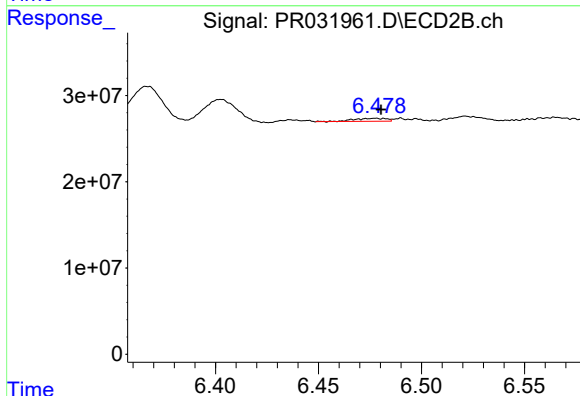
R.T.: 6.332 min
Delta R.T.: 0.002 min
Response: 32167417
Conc: 7.18 ng/ml



#33 AR-1260-3

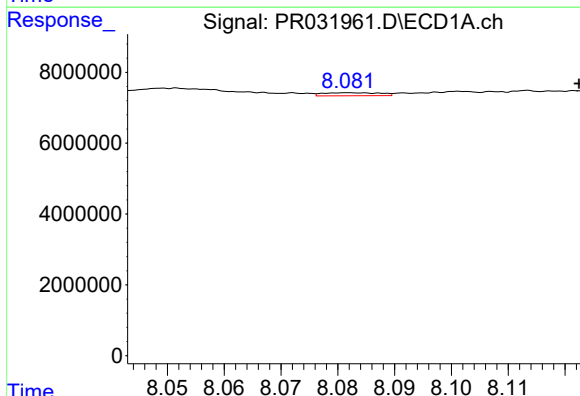
R.T.: 7.816 min
Delta R.T.: -0.001 min
Response: 5006414
Conc: 2.15 ng/ml

Instrument :
ECD_R
ClientSampleId :



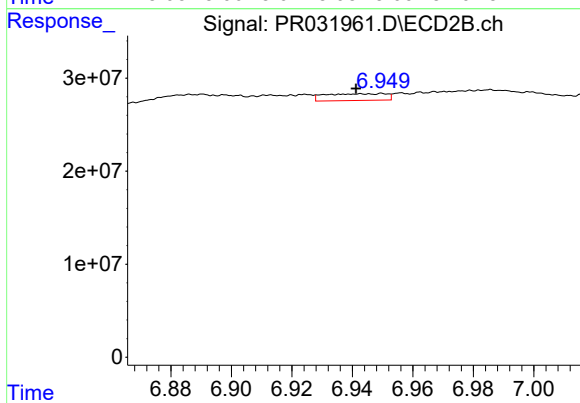
#33 AR-1260-3

R.T.: 6.478 min
Delta R.T.: -0.002 min
Response: 3667828
Conc: 1.04 ng/ml



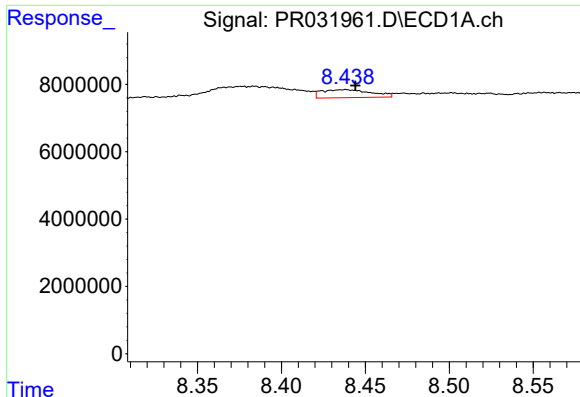
#34 AR-1260-4

R.T.: 8.082 min
Delta R.T.: -0.040 min
Response: 604191
Conc: 0.36 ng/ml



#34 AR-1260-4

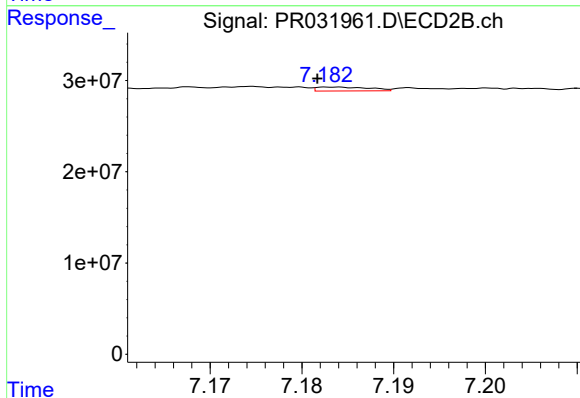
R.T.: 6.950 min
Delta R.T.: 0.009 min
Response: 10167682
Conc: 4.95 ng/ml



#35 AR-1260-5

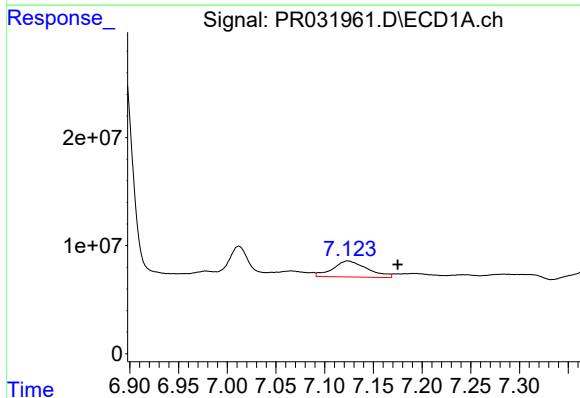
R.T.: 8.438 min
Delta R.T.: -0.006 min
Response: 4884425
Conc: 1.30 ng/ml

Instrument :
ECD_R
ClientSampleId :



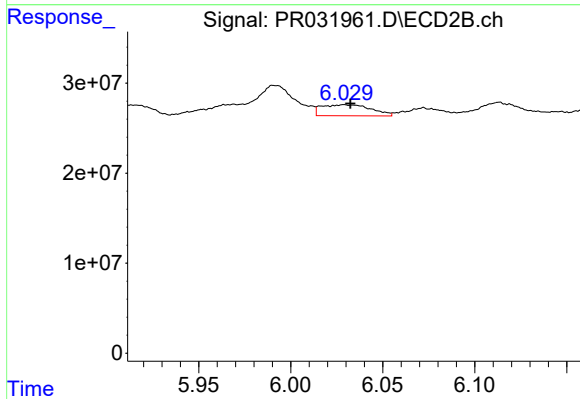
#35 AR-1260-5

R.T.: 7.184 min
Delta R.T.: 0.002 min
Response: 1737644
Conc: 0.40 ng/ml



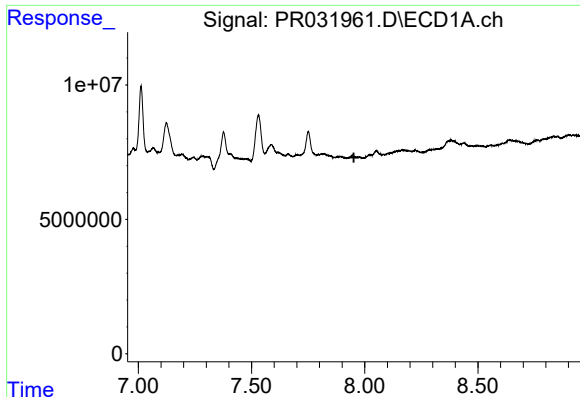
#36 AR-1262-1

R.T.: 7.124 min
Delta R.T.: -0.051 min
Response: 36656474
Conc: 43.31 ng/ml



#36 AR-1262-1

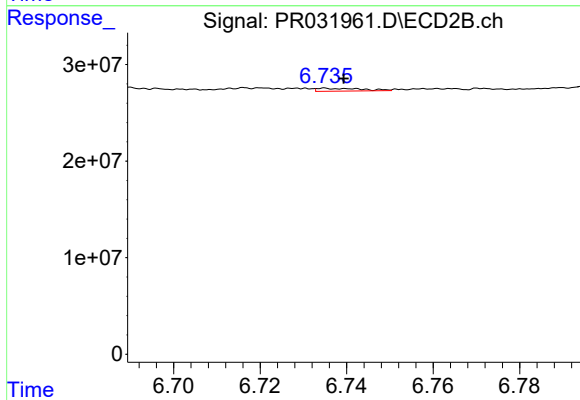
R.T.: 6.029 min
Delta R.T.: -0.003 min
Response: 22993362
Conc: 11.49 ng/ml



#37 AR-1262-2

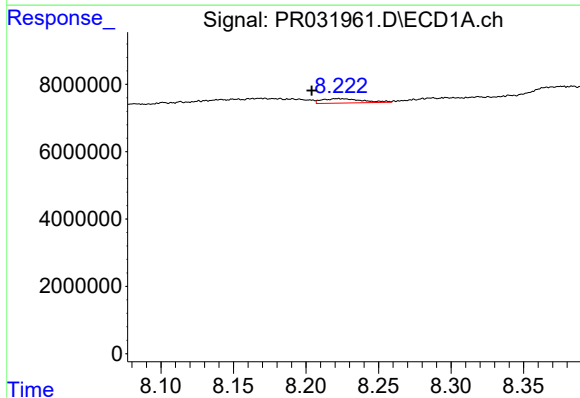
R.T.: 0.000 min
Exp R.T.: 7.952 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



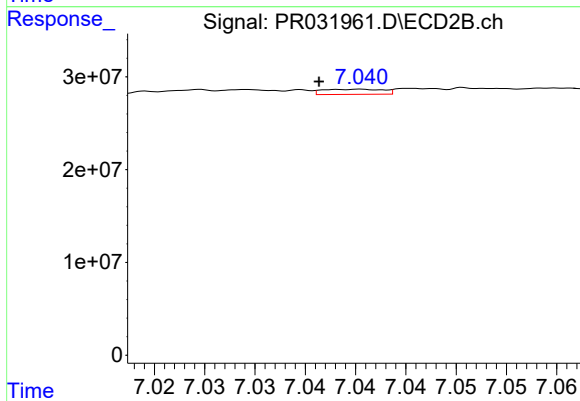
#37 AR-1262-2

R.T.: 6.735 min
Delta R.T.: -0.004 min
Response: 2174420
Conc: 1.45 ng/ml



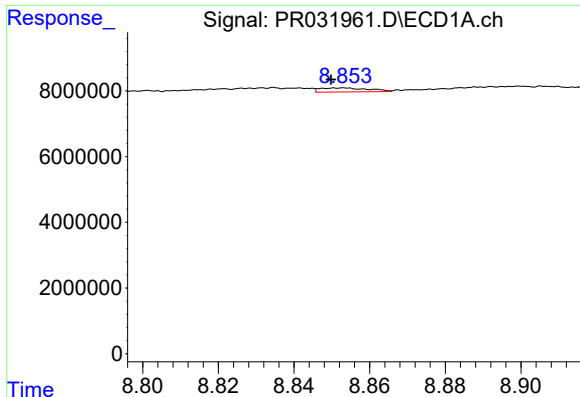
#38 AR-1262-3

R.T.: 8.222 min
Delta R.T.: 0.018 min
Response: 2462494
Conc: 3.27 ng/ml



#38 AR-1262-3

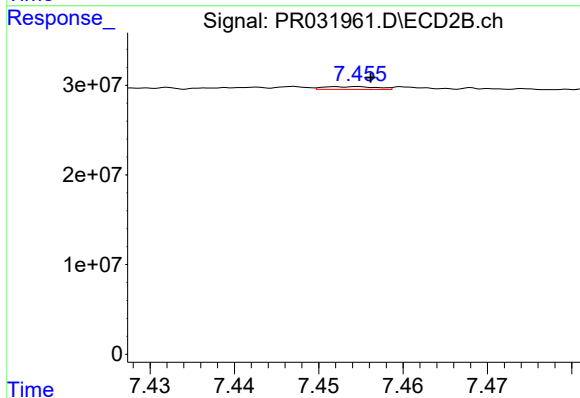
R.T.: 7.041 min
Delta R.T.: 0.004 min
Response: 2283321
Conc: 1.87 ng/ml



#39 AR-1262-4

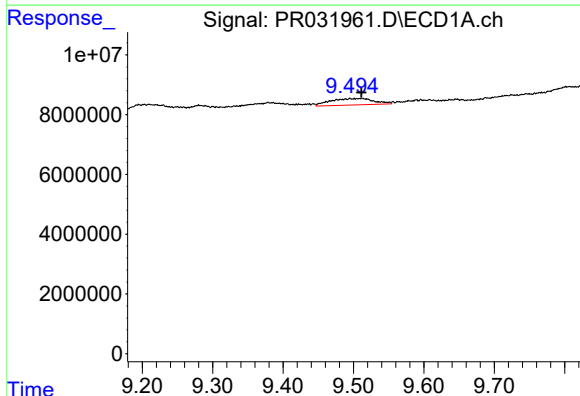
R.T.: 8.852 min
Delta R.T.: 0.003 min
Response: 1111677
Conc: 0.52 ng/ml

Instrument :
ECD_R
ClientSampleId :



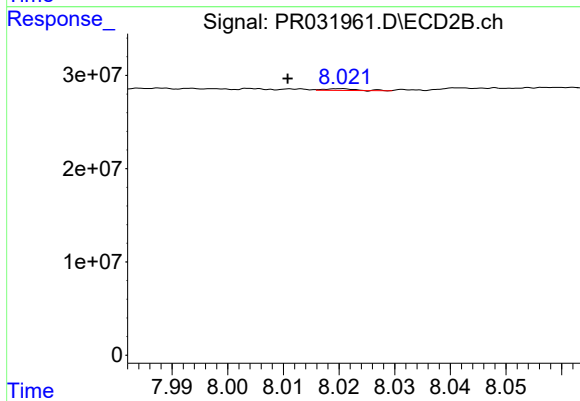
#39 AR-1262-4

R.T.: 7.455 min
Delta R.T.: -0.001 min
Response: 1363884
Conc: 0.81 ng/ml



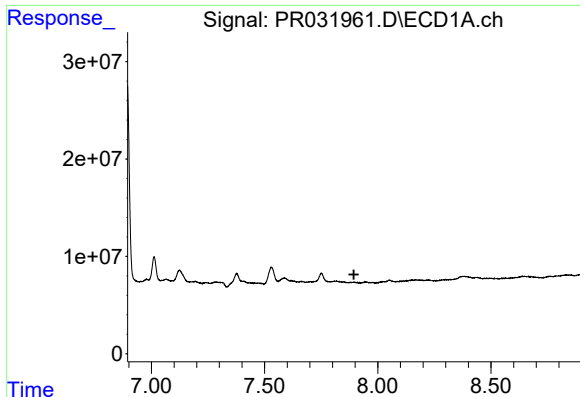
#40 AR-1262-5

R.T.: 9.495 min
Delta R.T.: -0.016 min
Response: 9343593
Conc: 6.12 ng/ml



#40 AR-1262-5

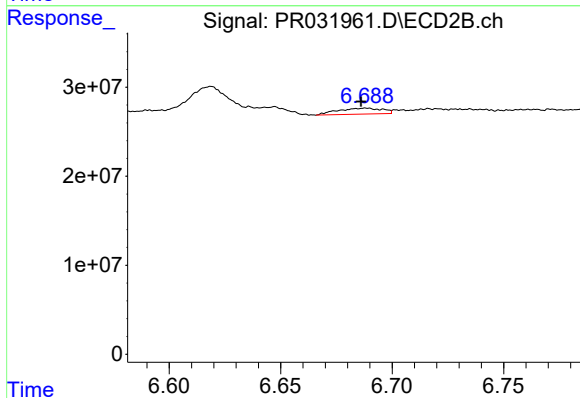
R.T.: 8.020 min
Delta R.T.: 0.009 min
Response: 700035
Conc: 0.55 ng/ml



#41 AR-1268-1

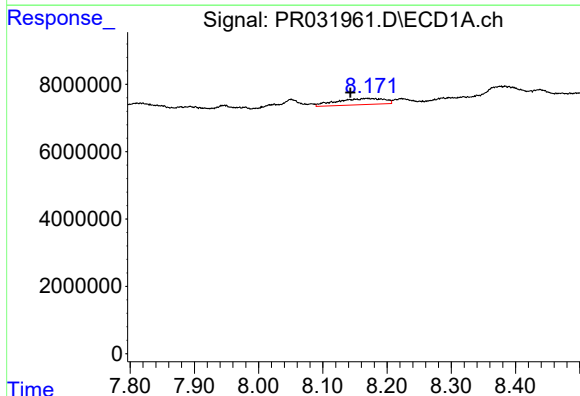
R.T.: 0.000 min
Exp R.T.: 7.894 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



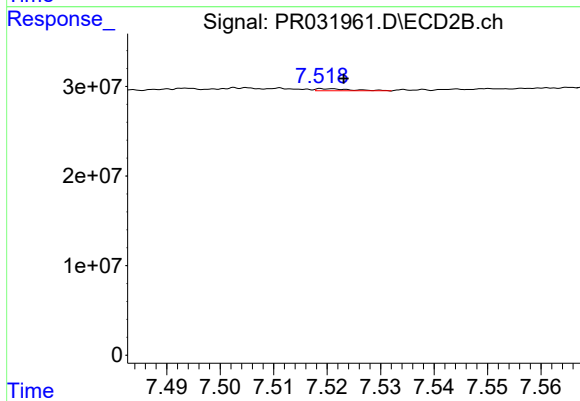
#41 AR-1268-1

R.T.: 6.688 min
Delta R.T.: 0.002 min
Response: 9288564
Conc: 5.69 ng/ml



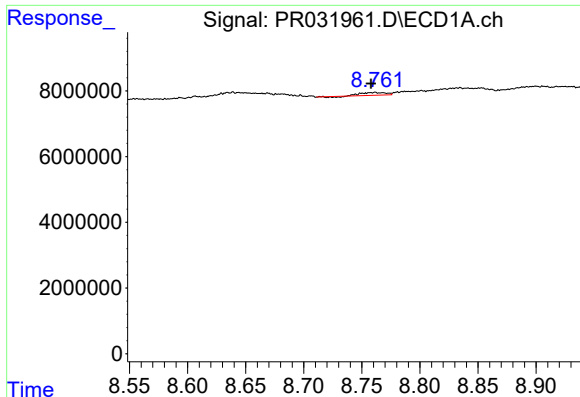
#42 AR-1268-2

R.T.: 8.169 min
Delta R.T.: 0.026 min
Response: 9420393
Conc: 7.49 ng/ml



#42 AR-1268-2

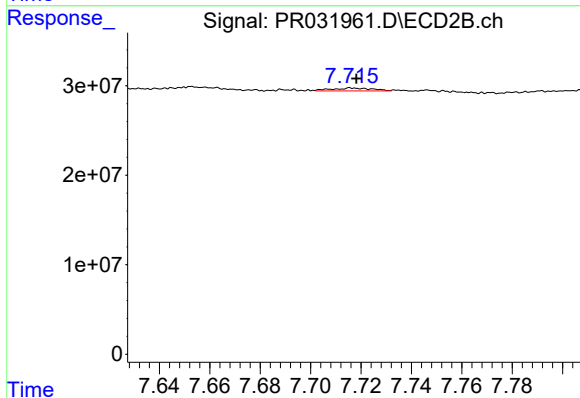
R.T.: 7.521 min
Delta R.T.: -0.002 min
Response: 1074005
Conc: 0.27 ng/ml



#43 AR-1268-3

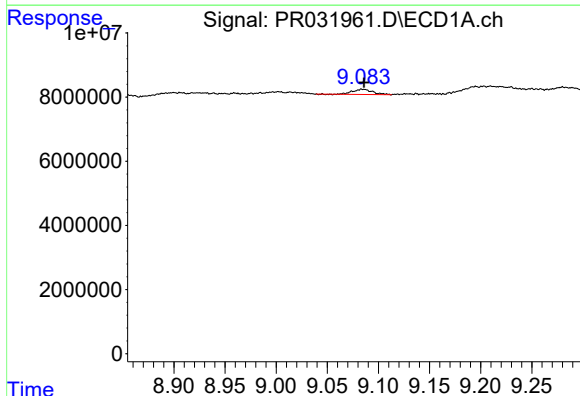
R.T.: 8.761 min
Delta R.T.: 0.003 min
Response: 1131202
Conc: 0.20 ng/ml

Instrument :
ECD_R
ClientSampleId :



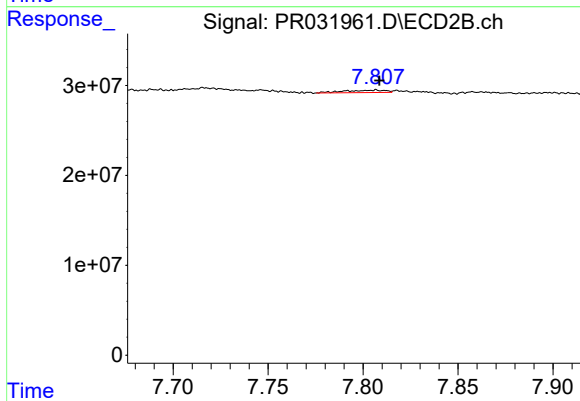
#43 AR-1268-3

R.T.: 7.716 min
Delta R.T.: -0.002 min
Response: 3620018
Conc: 1.05 ng/ml



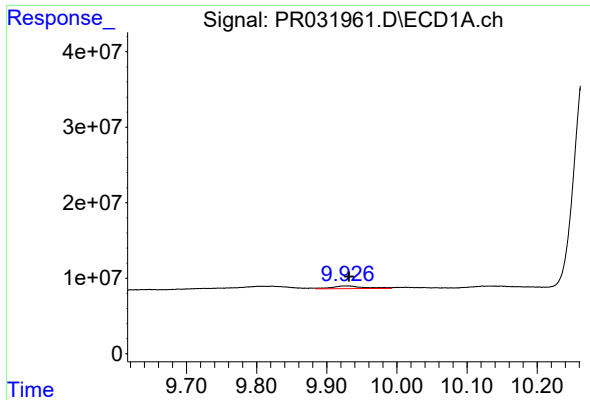
#44 AR-1268-4

R.T.: 9.085 min
Delta R.T.: -0.001 min
Response: 2239835
Conc: 0.51 ng/ml



#44 AR-1268-4

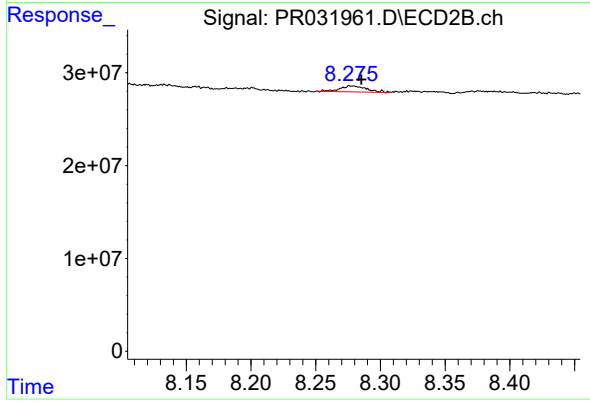
R.T.: 7.807 min
Delta R.T.: -0.002 min
Response: 4110134
Conc: 4.15 ng/ml



#45 AR-1268-5

R.T.: 9.925 min
Delta R.T.: -0.006 min
Response: 11698644
Conc: 0.96 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.278 min
Delta R.T.: -0.008 min
Response: 9442126
Conc: 0.99 ng/ml