

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR091118\
 Data File : PR031959.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Sep 2018 09:04
 Operator : SM\SJ
 Sample : J4833-03 10X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 11 09:37:14 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...	4.525	3.657	47021146	92085564	2.398	2.498
2) SA Decachlor...	10.278	8.523	54560230	31714103	1.696	1.211 #
Target Compounds						
3) L1 AR-1016-1	5.257	4.301	2852893	1526240	5.304	1.394 #
4) L1 AR-1016-2	5.472	4.668	3665416	75613	6.480	0.044 #
5) L1 AR-1016-3	5.619	4.744	1526975	86344274	1.730	29.778 #
6) L1 AR-1016-4	5.748	4.744	31346850	86344274	40.022	46.474
7) L1 AR-1016-5	0.000	5.192	0	6798680	N.D.	3.939 #
8) L2 AR-1221-1	0.000	3.884	0	1767845	N.D.	4.332 #
9) L2 AR-1221-2	4.847	3.945	1300854	2790342	7.323	8.941
10) L2 AR-1221-3	4.847	4.025	1300854	1397085	2.344	1.354 #
11) L3 AR-1232-1	5.748	4.509	31346850	2629265	59.737	4.712 #
12) L3 AR-1232-2	0.000	4.599	0	1640171	N.D.	8.688 #
13) L3 AR-1232-3	6.035	4.955	21308040	6532272	271.313	11.248 #
14) L3 AR-1232-4	6.436	5.285	37802995	4771988	460.294	6.539 #
15) L3 AR-1232-5	0.000	5.862	0	5911238	N.D.	53.323 #
16) L4 AR-1242-1	5.257	4.321	2852893	2008162	10.720	3.426 #
17) L4 AR-1242-2	5.989	4.903	1987064	4841447	4.049	3.983
18) L4 AR-1242-3	0.000	4.955	0	6532272	N.D.	15.119 #
19) L4 AR-1242-4	0.000	5.378	0	2117427	N.D.	5.129 #
20) L4 AR-1242-5	0.000	5.727	0	3718300	N.D.	3.971 #
21) L5 AR-1248-1	5.947	4.955	1820455	6532272	2.266	3.723 #
22) L5 AR-1248-2	6.533	5.466	81171139	4337625	95.874	1.184 #
23) L5 AR-1248-3	6.533	5.507	81171139	77534078	71.123	29.637 #
24) L5 AR-1248-4	6.597	5.701	219582	5679694	0.204	2.127 #
25) L5 AR-1248-5	0.000	6.032	0	1483343	N.D.	0.880 #
26) L6 AR-1254-1	6.685	5.621	2029292	3654984	1.045	0.961
27) L6 AR-1254-2	7.049	5.950	1661464	5107541	1.363	1.730 #
28) L6 AR-1254-3	7.120	6.240	38333316	3117782	17.495	0.697 #
29) L6 AR-1254-4	7.397	6.527	952051	3420596	0.546	1.610 #
30) L6 AR-1254-5	0.000	6.663	0	3583188	N.D.	0.941 #
31) L7 AR-1260-1	0.000	6.158	0	4048189	N.D.	1.097 #
32) L7 AR-1260-2	7.539	6.333	8255441	49418309	4.146	11.029 #
33) L7 AR-1260-3	7.822	6.527	1329805	3420596	0.571	0.971 #
34) L7 AR-1260-4	8.137	6.937	5193717	5620701	3.115	2.734
35) L7 AR-1260-5	8.495	7.190	2971145	5720684	0.792	1.310 #
36) L8 AR-1262-1	7.120	6.032	38333316	1483343	45.286	0.741 #
37) L8 AR-1262-2	7.985	6.727	3810272	6745043	4.474	4.485
38) L8 AR-1262-3	8.225	7.053	5344765	16021531	7.097	13.123 #
39) L8 AR-1262-4	8.842	7.445	5013377	1041509	2.359	0.622 #
40) L8 AR-1262-5	9.492	8.007	13068493	4190355	8.555	3.311 #
41) L9 AR-1268-1	7.915	6.663	5908164	3583188	6.476	2.195 #

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 ALS Vial : 5 Sample Multiplier: 1

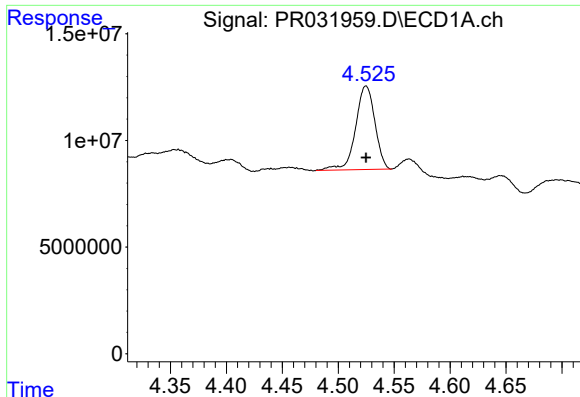
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 11 09:37:14 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR090618.M
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 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	8.137	7.477	5193717	1317972	4.132	0.328 #
43) L9	AR-1268-3	8.701	7.740	574136	3857055	0.103	1.119 #
44) L9	AR-1268-4	9.047	7.813	2035263	1013860	0.461	1.023 #
45) L9	AR-1268-5	9.984	8.323	14049230	2651957	1.154	0.278 #

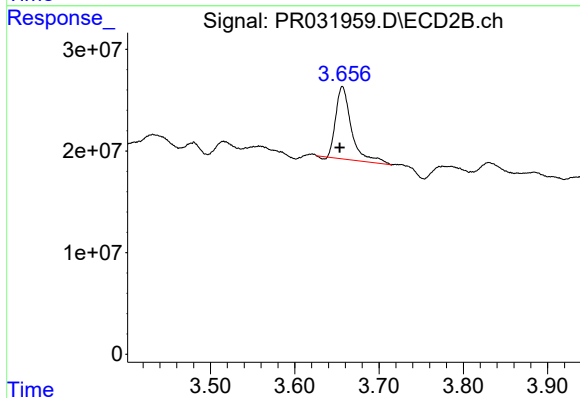
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

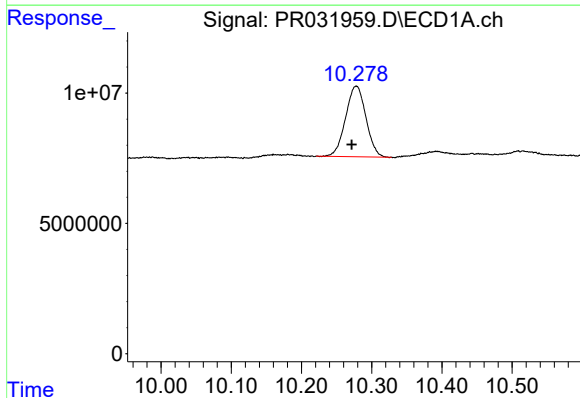
R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 47021146
Conc: 2.40 ng/ml

Instrument :
ECD_R
ClientSampleId :



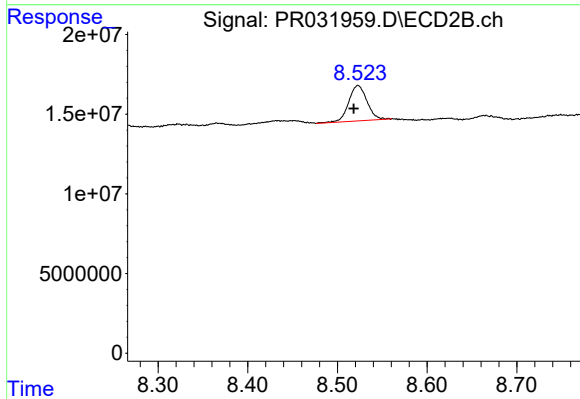
#1 Tetrachloro-m-xylene

R.T.: 3.657 min
Delta R.T.: 0.003 min
Response: 92085564
Conc: 2.50 ng/ml



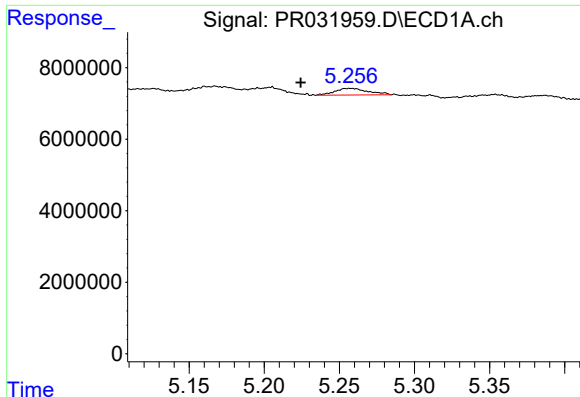
#2 Decachlorobiphenyl

R.T.: 10.278 min
Delta R.T.: 0.006 min
Response: 54560230
Conc: 1.70 ng/ml



#2 Decachlorobiphenyl

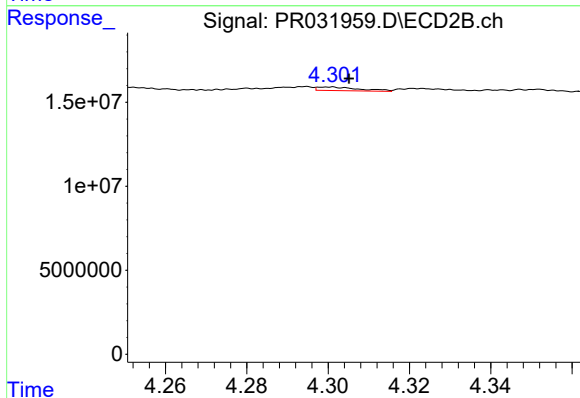
R.T.: 8.523 min
Delta R.T.: 0.005 min
Response: 31714103
Conc: 1.21 ng/ml



#3 AR-1016-1

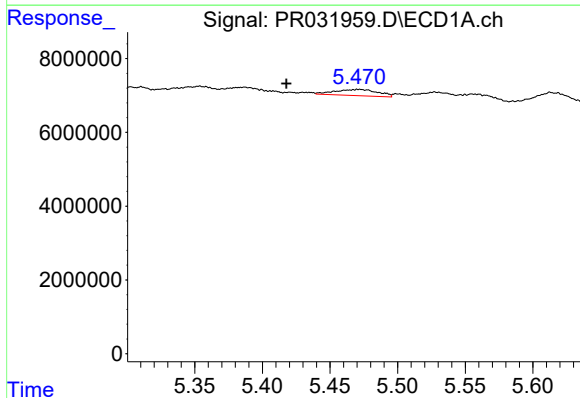
R.T.: 5.257 min
Delta R.T.: 0.033 min
Response: 2852893
Conc: 5.30 ng/ml

Instrument :
ECD_R
ClientSampleId :



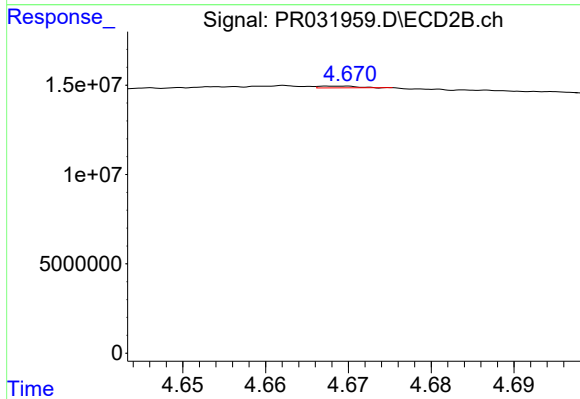
#3 AR-1016-1

R.T.: 4.301 min
Delta R.T.: -0.004 min
Response: 1526240
Conc: 1.39 ng/ml



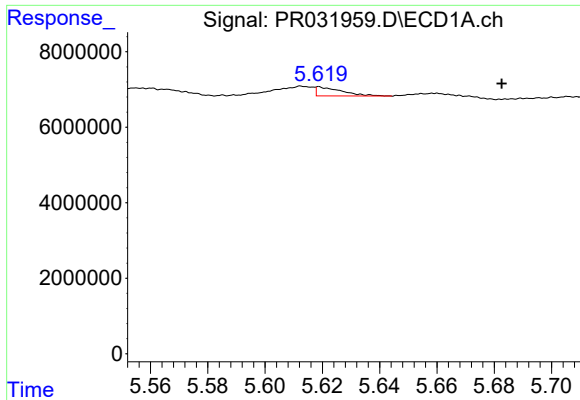
#4 AR-1016-2

R.T.: 5.472 min
Delta R.T.: 0.054 min
Response: 3665416
Conc: 6.48 ng/ml



#4 AR-1016-2

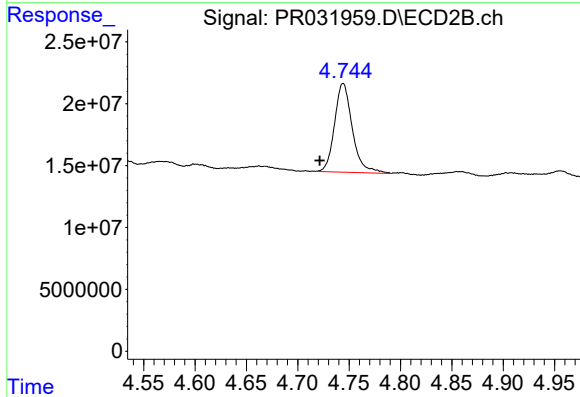
R.T.: 4.668 min
Delta R.T.: -0.037 min
Response: 75613
Conc: 0.04 ng/ml



#5 AR-1016-3

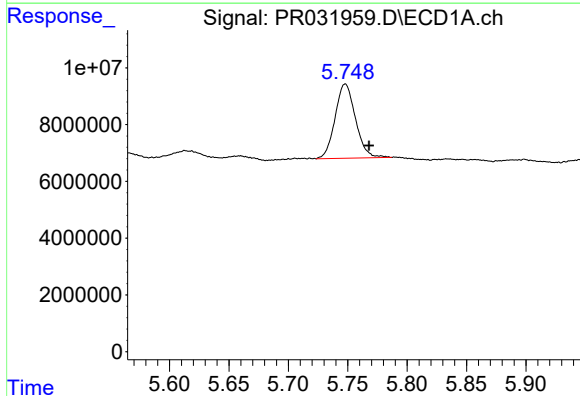
R.T.: 5.619 min
Delta R.T.: -0.064 min
Response: 1526975
Conc: 1.73 ng/ml

Instrument :
ECD_R
ClientSampleId :



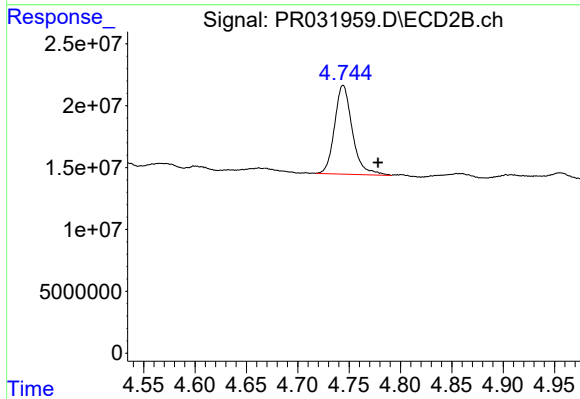
#5 AR-1016-3

R.T.: 4.744 min
Delta R.T.: 0.023 min
Response: 86344274
Conc: 29.78 ng/ml



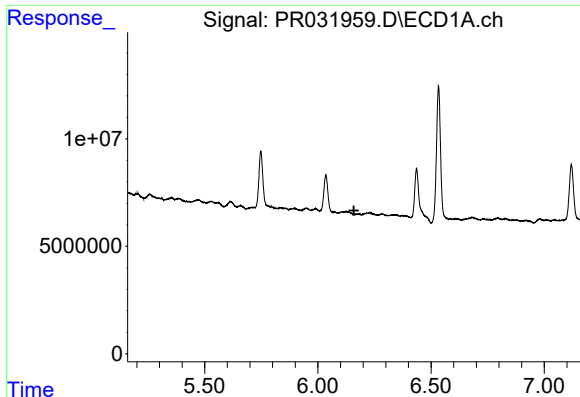
#6 AR-1016-4

R.T.: 5.748 min
Delta R.T.: -0.020 min
Response: 31346850
Conc: 40.02 ng/ml



#6 AR-1016-4

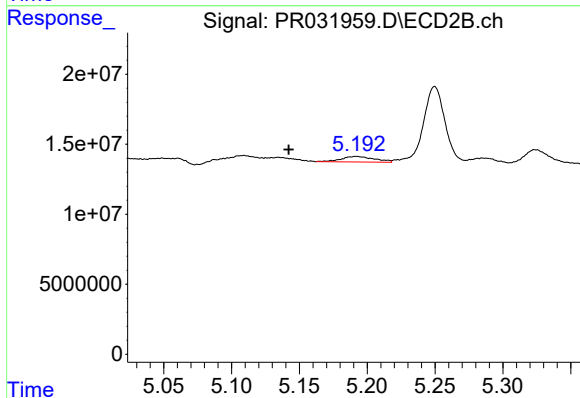
R.T.: 4.744 min
Delta R.T.: -0.034 min
Response: 86344274
Conc: 46.47 ng/ml



#7 AR-1016-5

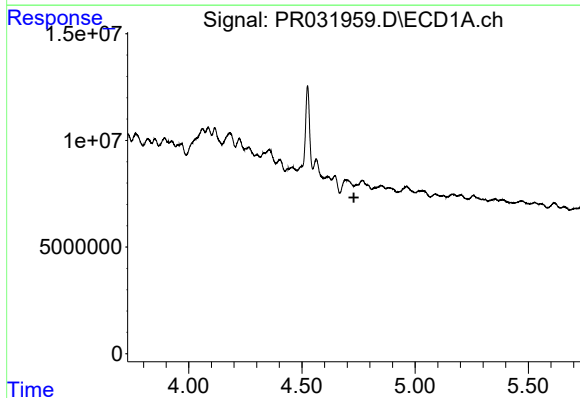
R.T.: 0.000 min
Exp R.T. : 6.159 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



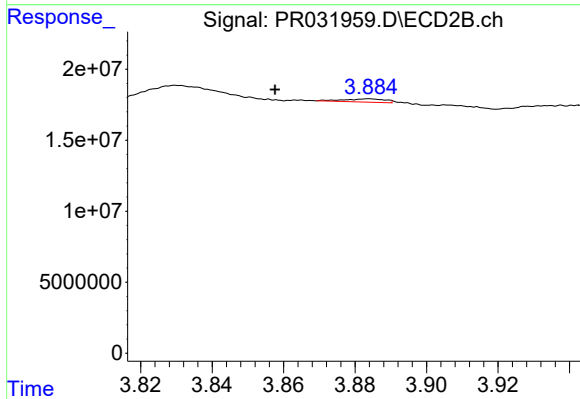
#7 AR-1016-5

R.T.: 5.192 min
Delta R.T.: 0.050 min
Response: 6798680
Conc: 3.94 ng/ml



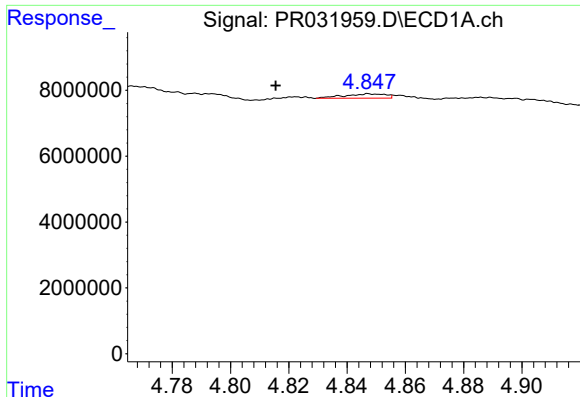
#8 AR-1221-1

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



#8 AR-1221-1

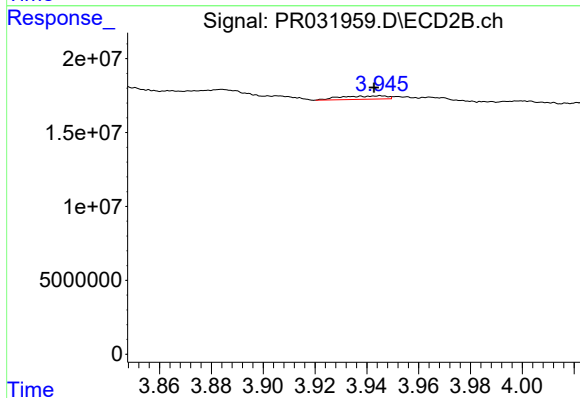
R.T.: 3.884 min
Delta R.T.: 0.026 min
Response: 1767845
Conc: 4.33 ng/ml



#9 AR-1221-2

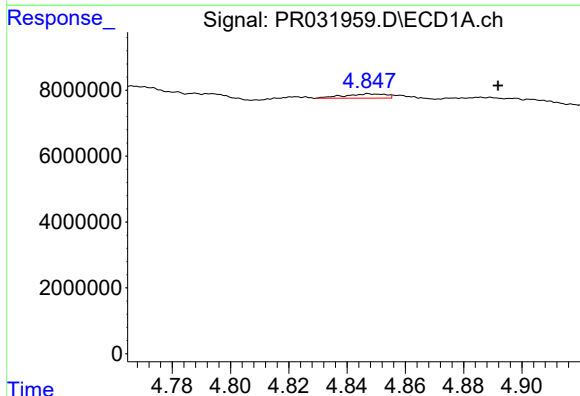
R.T.: 4.847 min
Delta R.T.: 0.032 min
Response: 1300854
Conc: 7.32 ng/ml

Instrument :
ECD_R
ClientSampleId :



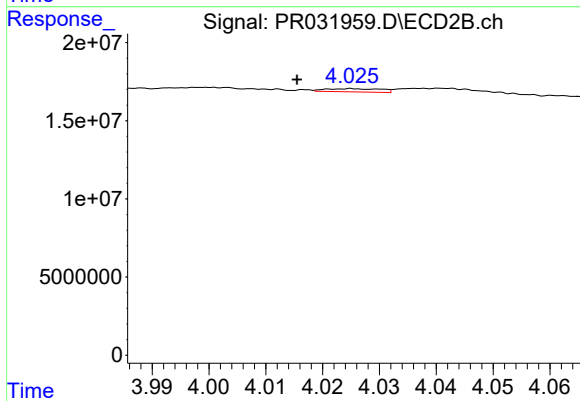
#9 AR-1221-2

R.T.: 3.945 min
Delta R.T.: 0.003 min
Response: 2790342
Conc: 8.94 ng/ml



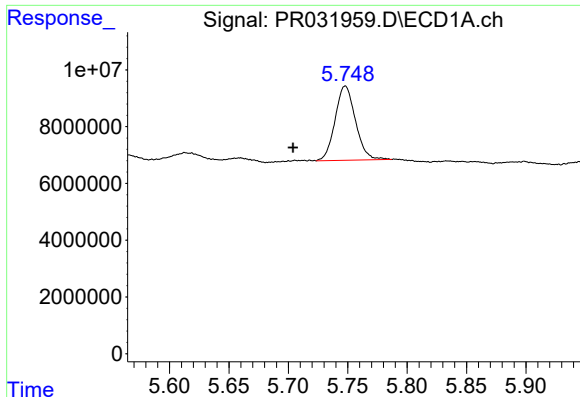
#10 AR-1221-3

R.T.: 4.847 min
Delta R.T.: -0.044 min
Response: 1300854
Conc: 2.34 ng/ml



#10 AR-1221-3

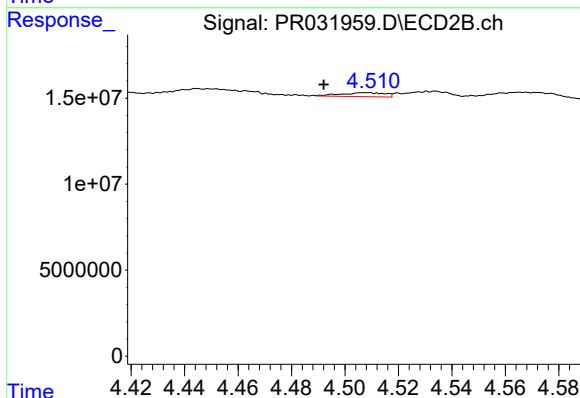
R.T.: 4.025 min
Delta R.T.: 0.010 min
Response: 1397085
Conc: 1.35 ng/ml



#11 AR-1232-1

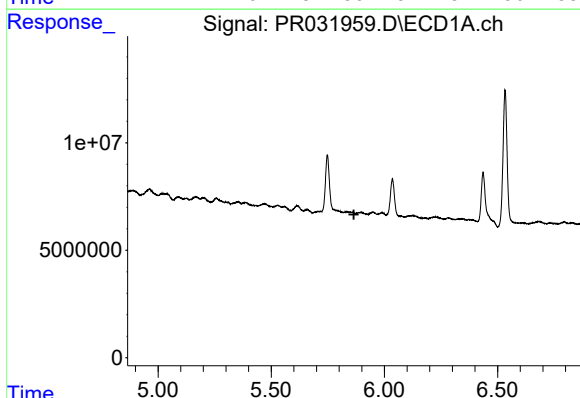
R.T.: 5.748 min
Delta R.T.: 0.044 min
Response: 31346850
Conc: 59.74 ng/ml

Instrument :
ECD_R
ClientSampleId :



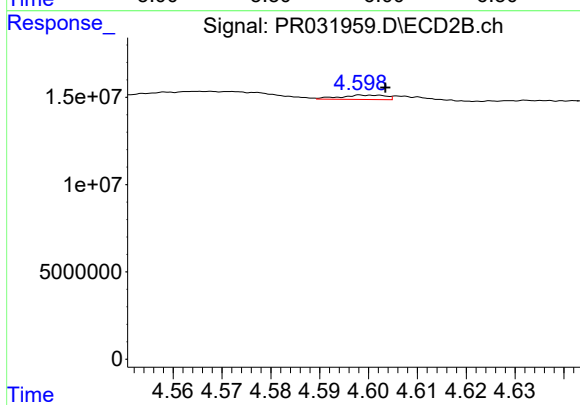
#11 AR-1232-1

R.T.: 4.509 min
Delta R.T.: 0.016 min
Response: 2629265
Conc: 4.71 ng/ml



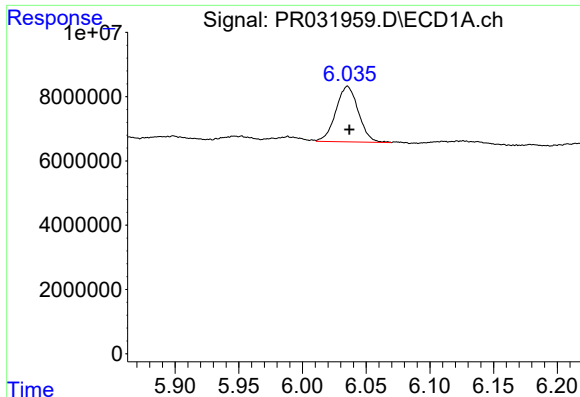
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.865 min
Response: 0
Conc: N.D.



#12 AR-1232-2

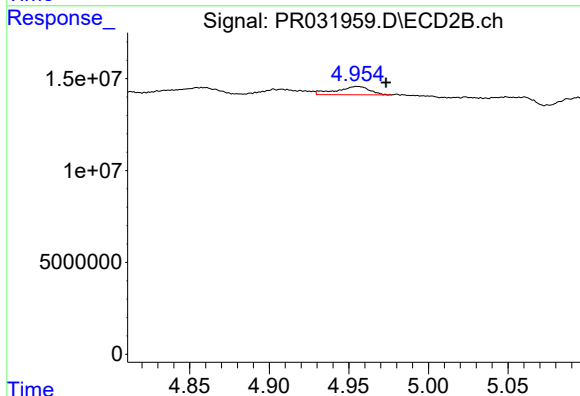
R.T.: 4.599 min
Delta R.T.: -0.005 min
Response: 1640171
Conc: 8.69 ng/ml



#13 AR-1232-3

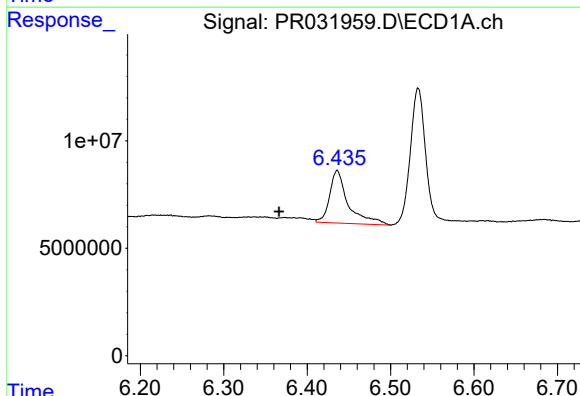
R.T.: 6.035 min
Delta R.T.: -0.001 min
Response: 21308040
Conc: 271.31 ng/ml

Instrument :
ECD_R
ClientSampleId :



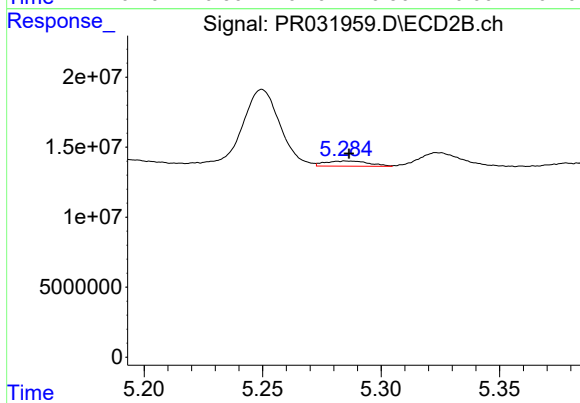
#13 AR-1232-3

R.T.: 4.955 min
Delta R.T.: -0.018 min
Response: 6532272
Conc: 11.25 ng/ml



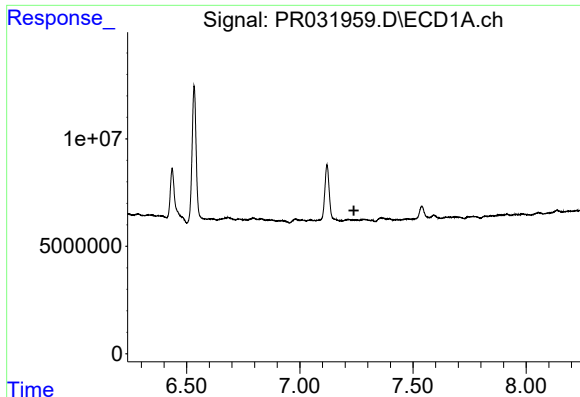
#14 AR-1232-4

R.T.: 6.436 min
Delta R.T.: 0.070 min
Response: 37802995
Conc: 460.29 ng/ml



#14 AR-1232-4

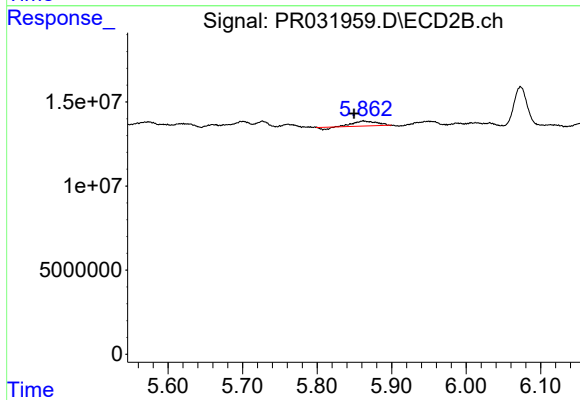
R.T.: 5.285 min
Delta R.T.: -0.002 min
Response: 4771988
Conc: 6.54 ng/ml



#15 AR-1232-5

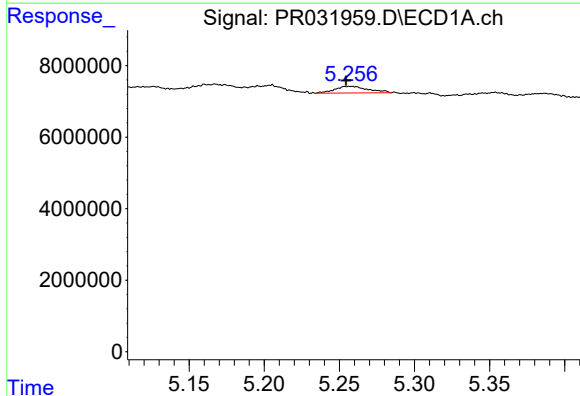
R.T.: 0.000 min
Exp R.T.: 7.239 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



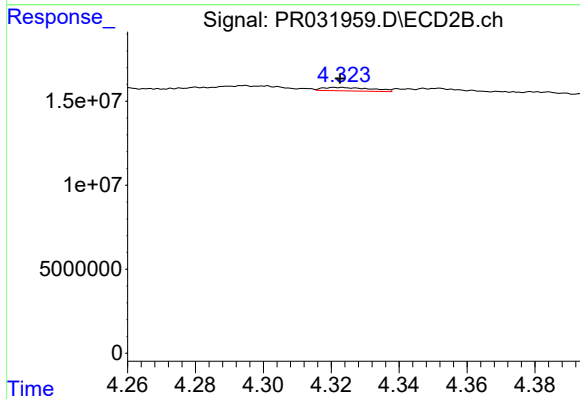
#15 AR-1232-5

R.T.: 5.862 min
Delta R.T.: 0.012 min
Response: 5911238
Conc: 53.32 ng/ml



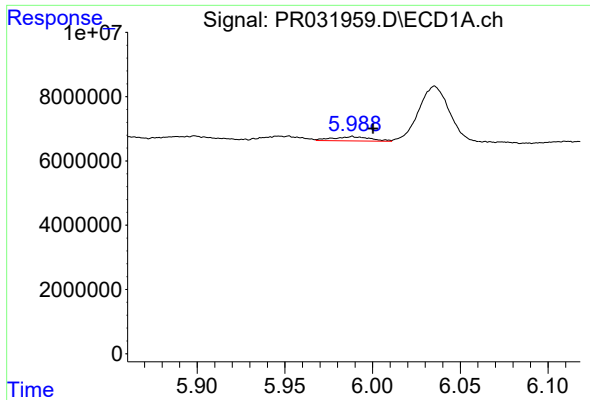
#16 AR-1242-1

R.T.: 5.257 min
Delta R.T.: 0.003 min
Response: 2852893
Conc: 10.72 ng/ml



#16 AR-1242-1

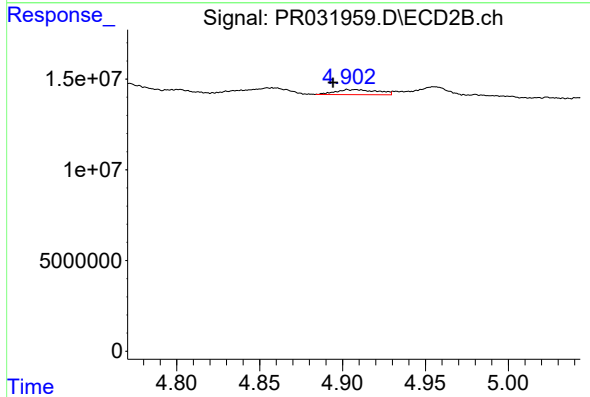
R.T.: 4.321 min
Delta R.T.: -0.001 min
Response: 2008162
Conc: 3.43 ng/ml



#17 AR-1242-2

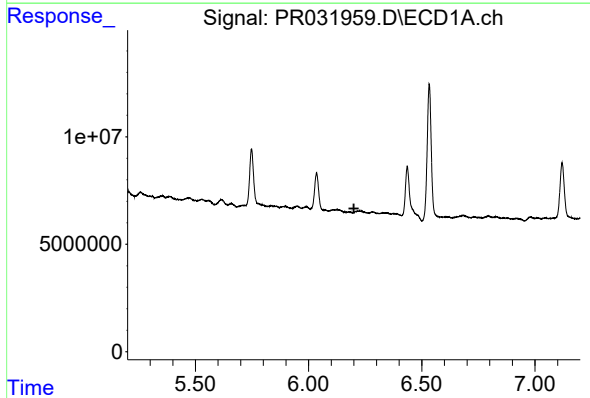
R.T.: 5.989 min
Delta R.T.: -0.012 min
Response: 1987064
Conc: 4.05 ng/ml

Instrument :
ECD_R
ClientSampleId :



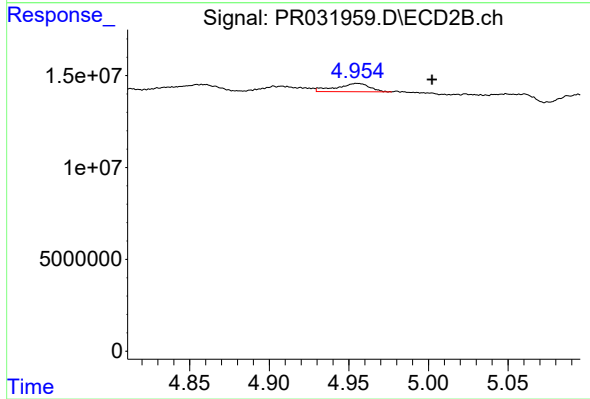
#17 AR-1242-2

R.T.: 4.903 min
Delta R.T.: 0.009 min
Response: 4841447
Conc: 3.98 ng/ml



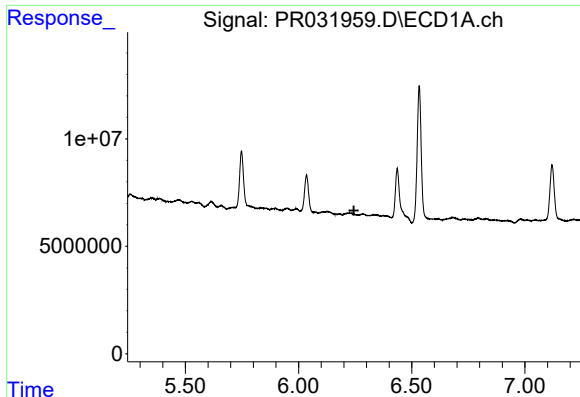
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 6.200 min
Response: 0
Conc: N.D.



#18 AR-1242-3

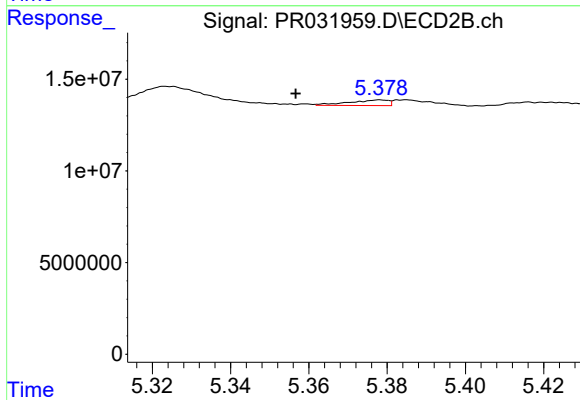
R.T.: 4.955 min
Delta R.T.: -0.047 min
Response: 6532272
Conc: 15.12 ng/ml



#19 AR-1242-4

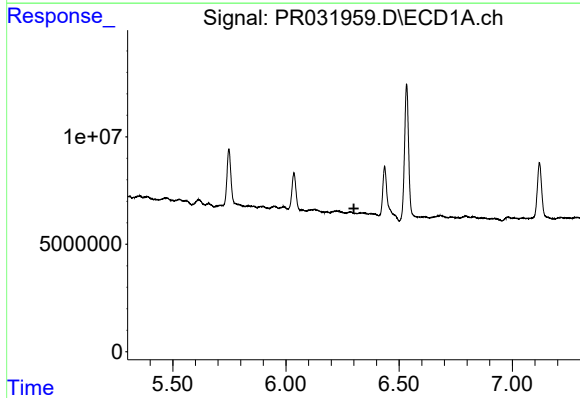
R.T.: 0.000 min
Exp R.T.: 6.244 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



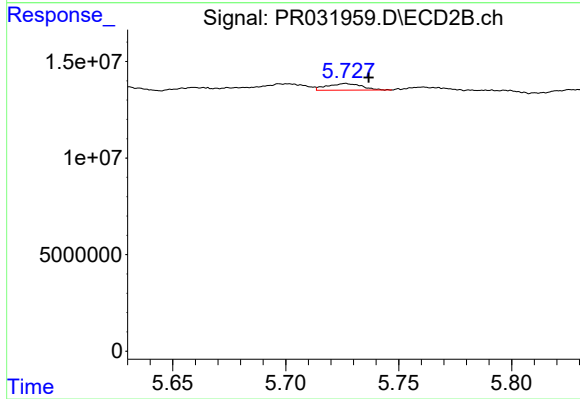
#19 AR-1242-4

R.T.: 5.378 min
Delta R.T.: 0.022 min
Response: 2117427
Conc: 5.13 ng/ml



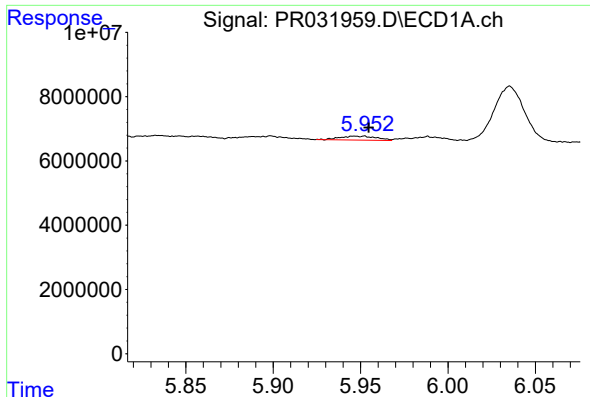
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T.: 6.300 min
Response: 0
Conc: N.D.



#20 AR-1242-5

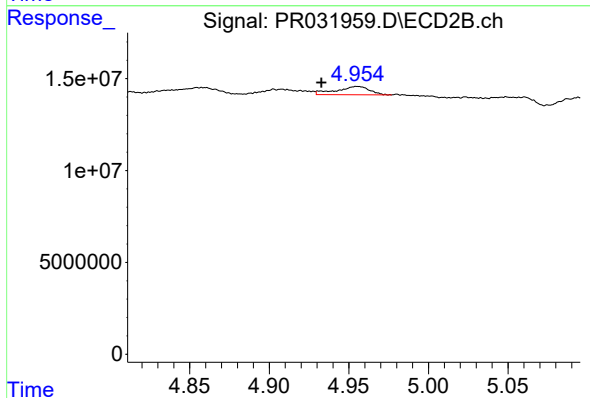
R.T.: 5.727 min
Delta R.T.: -0.010 min
Response: 3718300
Conc: 3.97 ng/ml



#21 AR-1248-1

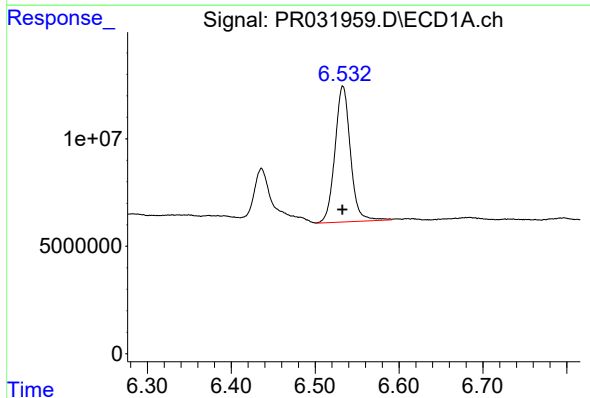
R.T.: 5.947 min
Delta R.T.: -0.008 min
Response: 1820455
Conc: 2.27 ng/ml

Instrument :
ECD_R
ClientSampleId :



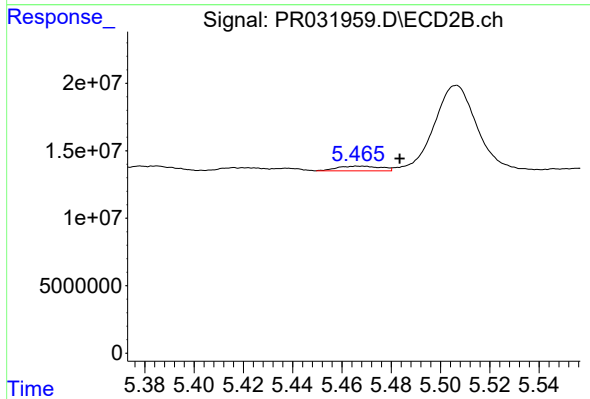
#21 AR-1248-1

R.T.: 4.955 min
Delta R.T.: 0.022 min
Response: 6532272
Conc: 3.72 ng/ml



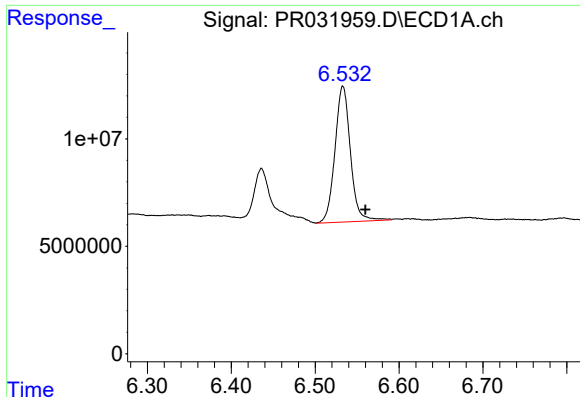
#22 AR-1248-2

R.T.: 6.533 min
Delta R.T.: 0.000 min
Response: 81171139
Conc: 95.87 ng/ml



#22 AR-1248-2

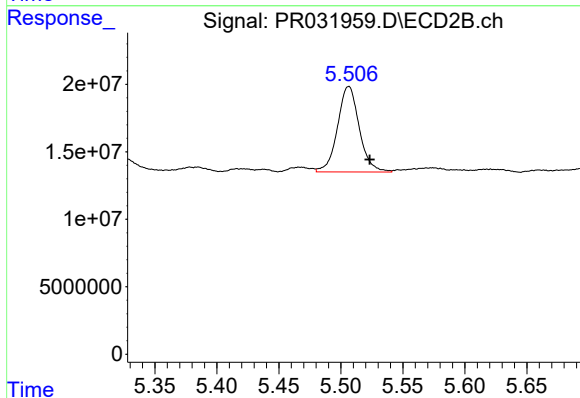
R.T.: 5.466 min
Delta R.T.: -0.017 min
Response: 4337625
Conc: 1.18 ng/ml



#23 AR-1248-3

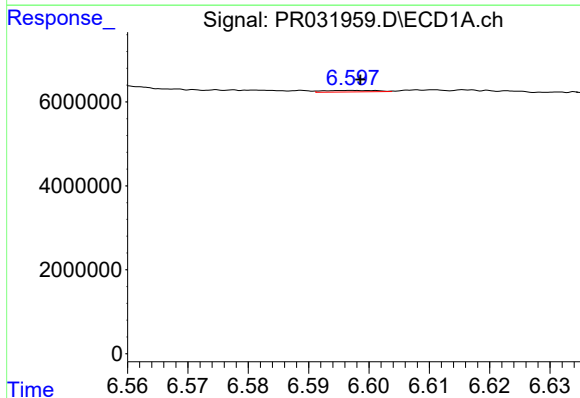
R.T.: 6.533 min
Delta R.T.: -0.027 min
Response: 81171139
Conc: 71.12 ng/ml

Instrument :
ECD_R
ClientSampleId :



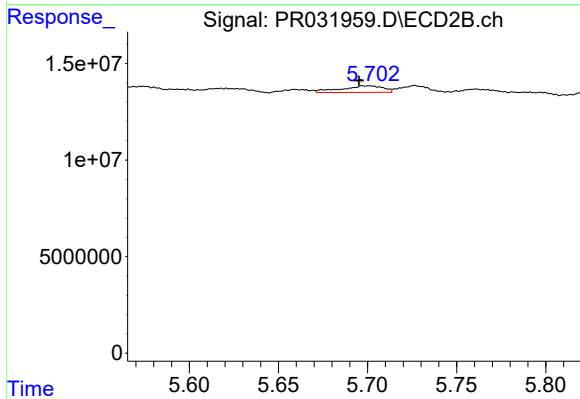
#23 AR-1248-3

R.T.: 5.507 min
Delta R.T.: -0.017 min
Response: 77534078
Conc: 29.64 ng/ml



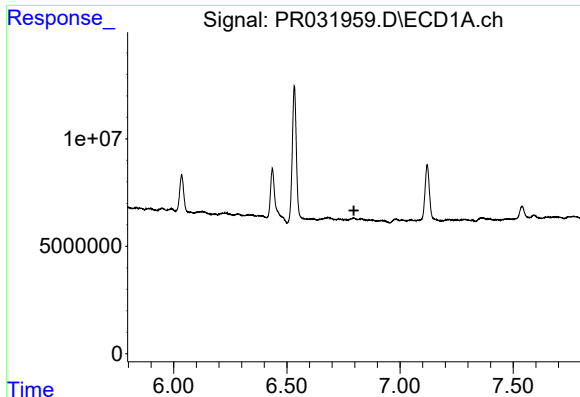
#24 AR-1248-4

R.T.: 6.597 min
Delta R.T.: -0.001 min
Response: 219582
Conc: 0.20 ng/ml



#24 AR-1248-4

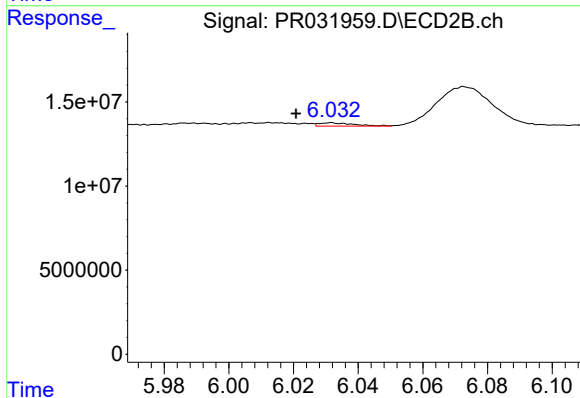
R.T.: 5.701 min
Delta R.T.: 0.006 min
Response: 5679694
Conc: 2.13 ng/ml



#25 AR-1248-5

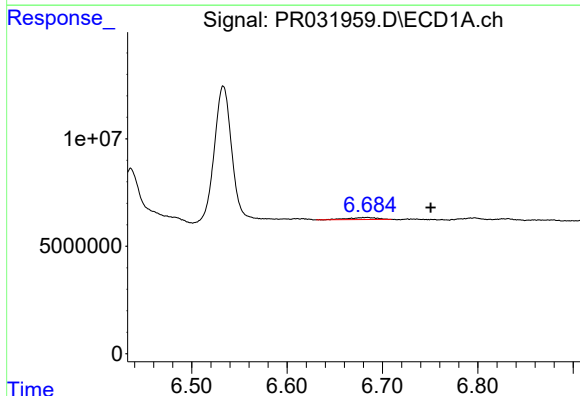
R.T.: 0.000 min
Exp R.T.: 6.796 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



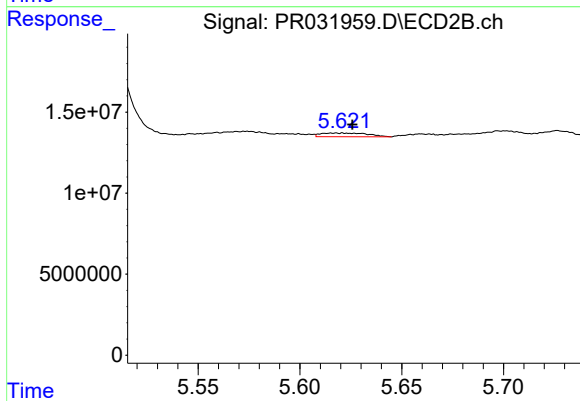
#25 AR-1248-5

R.T.: 6.032 min
Delta R.T.: 0.011 min
Response: 1483343
Conc: 0.88 ng/ml



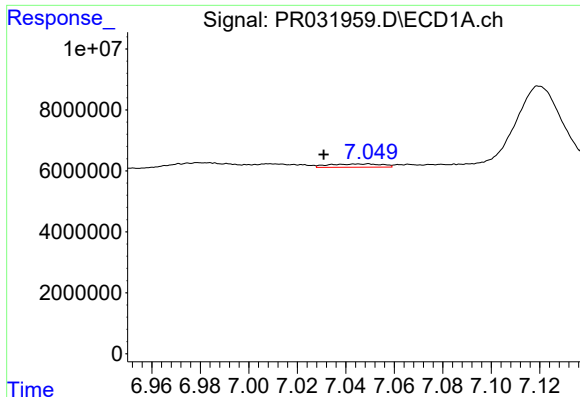
#26 AR-1254-1

R.T.: 6.685 min
Delta R.T.: -0.066 min
Response: 2029292
Conc: 1.04 ng/ml



#26 AR-1254-1

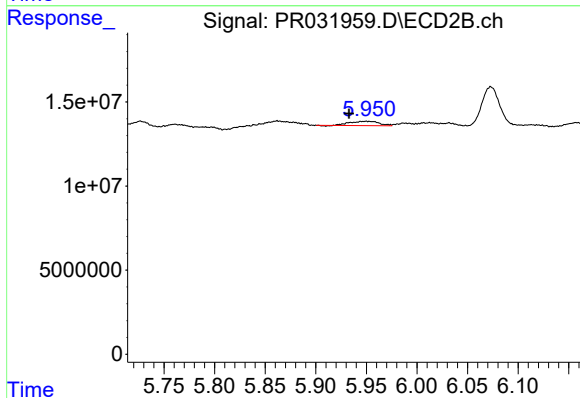
R.T.: 5.621 min
Delta R.T.: -0.005 min
Response: 3654984
Conc: 0.96 ng/ml



#27 AR-1254-2

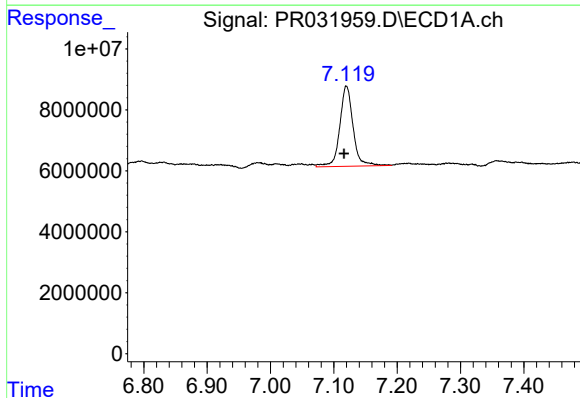
R.T.: 7.049 min
Delta R.T.: 0.018 min
Response: 1661464
Conc: 1.36 ng/ml

Instrument :
ECD_R
ClientSampleId :



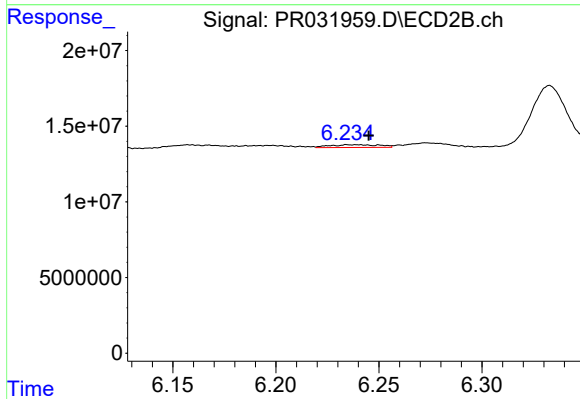
#27 AR-1254-2

R.T.: 5.950 min
Delta R.T.: 0.017 min
Response: 5107541
Conc: 1.73 ng/ml



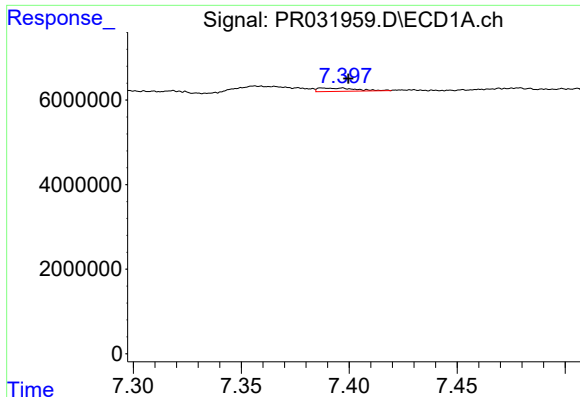
#28 AR-1254-3

R.T.: 7.120 min
Delta R.T.: 0.004 min
Response: 38333316
Conc: 17.50 ng/ml



#28 AR-1254-3

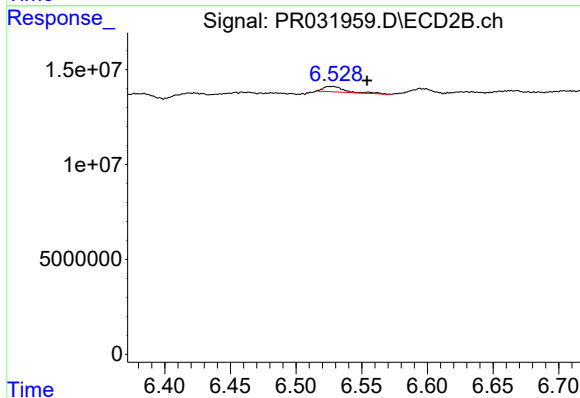
R.T.: 6.240 min
Delta R.T.: -0.005 min
Response: 3117782
Conc: 0.70 ng/ml



#29 AR-1254-4

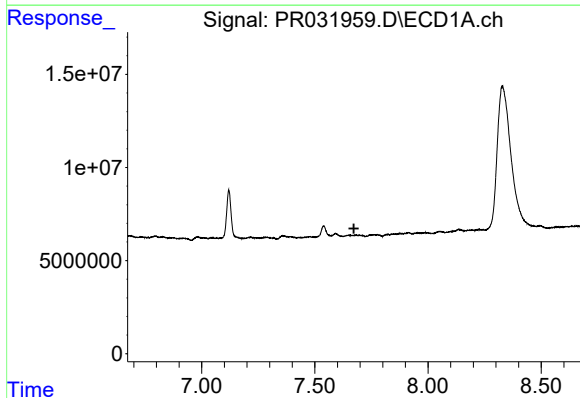
R.T.: 7.397 min
Delta R.T.: -0.003 min
Response: 952051
Conc: 0.55 ng/ml

Instrument :
ECD_R
ClientSampleId :



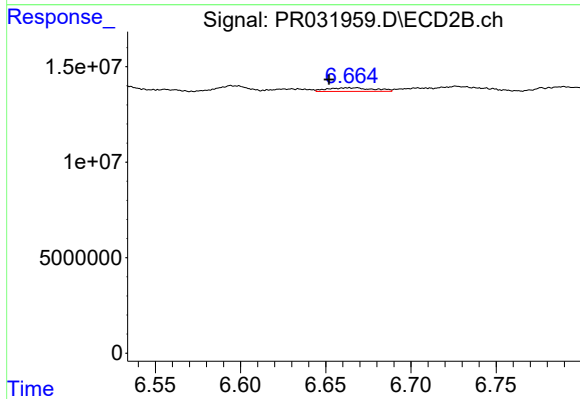
#29 AR-1254-4

R.T.: 6.527 min
Delta R.T.: -0.028 min
Response: 3420596
Conc: 1.61 ng/ml



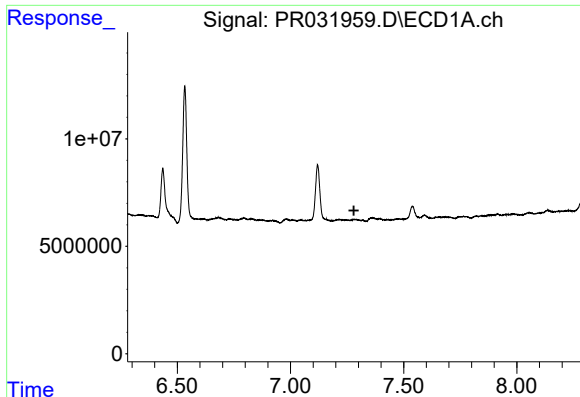
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 7.673 min
Response: 0
Conc: N.D.



#30 AR-1254-5

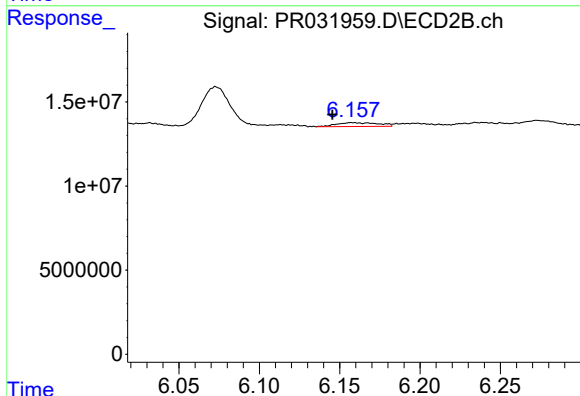
R.T.: 6.663 min
Delta R.T.: 0.012 min
Response: 3583188
Conc: 0.94 ng/ml



#31 AR-1260-1

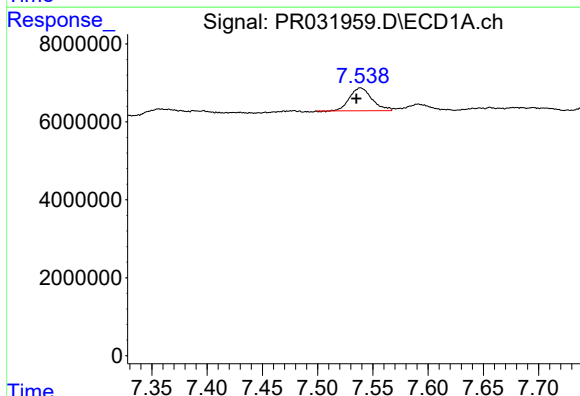
R.T.: 0.000 min
Exp R.T.: 7.280 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



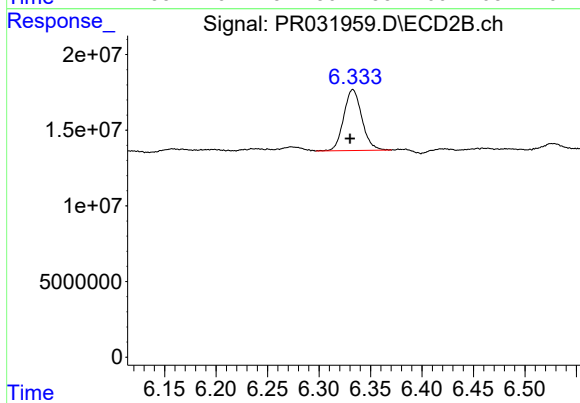
#31 AR-1260-1

R.T.: 6.158 min
Delta R.T.: 0.012 min
Response: 4048189
Conc: 1.10 ng/ml



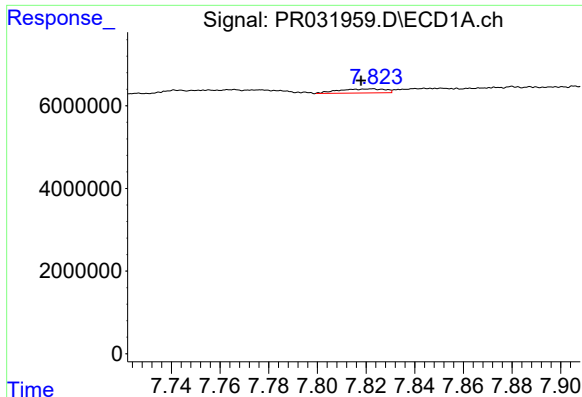
#32 AR-1260-2

R.T.: 7.539 min
Delta R.T.: 0.004 min
Response: 8255441
Conc: 4.15 ng/ml



#32 AR-1260-2

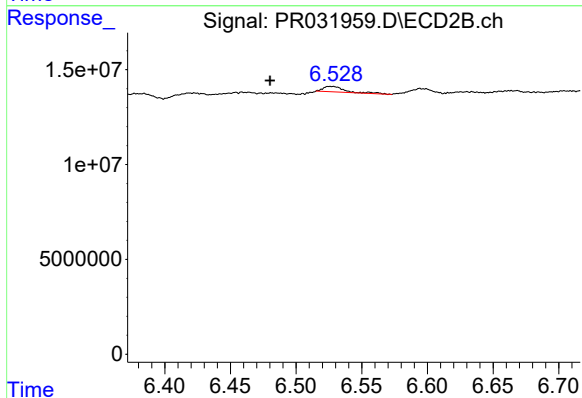
R.T.: 6.333 min
Delta R.T.: 0.003 min
Response: 49418309
Conc: 11.03 ng/ml



#33 AR-1260-3

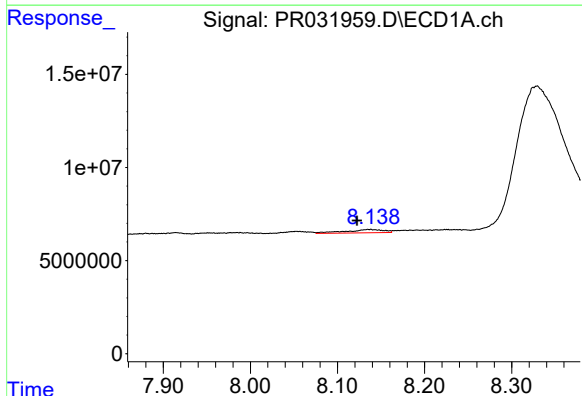
R.T.: 7.822 min
Delta R.T.: 0.004 min
Response: 1329805
Conc: 0.57 ng/ml

Instrument :
ECD_R
ClientSampleId :



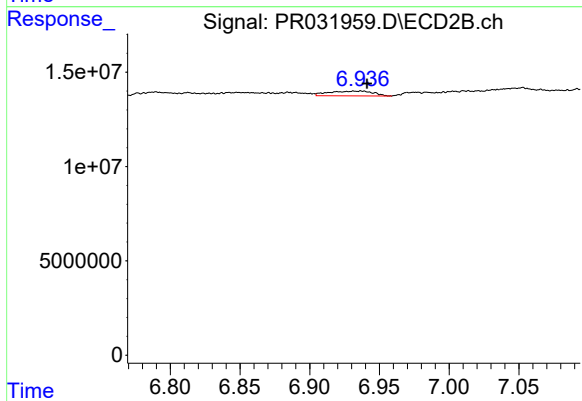
#33 AR-1260-3

R.T.: 6.527 min
Delta R.T.: 0.046 min
Response: 3420596
Conc: 0.97 ng/ml



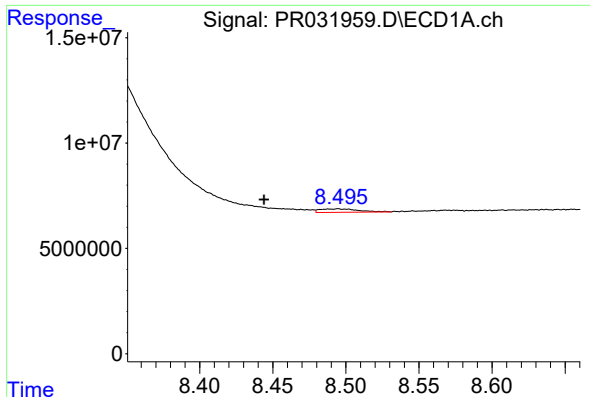
#34 AR-1260-4

R.T.: 8.137 min
Delta R.T.: 0.014 min
Response: 5193717
Conc: 3.11 ng/ml



#34 AR-1260-4

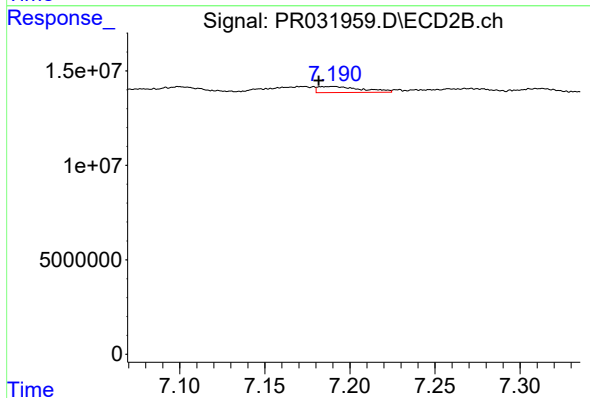
R.T.: 6.937 min
Delta R.T.: -0.004 min
Response: 5620701
Conc: 2.73 ng/ml



#35 AR-1260-5

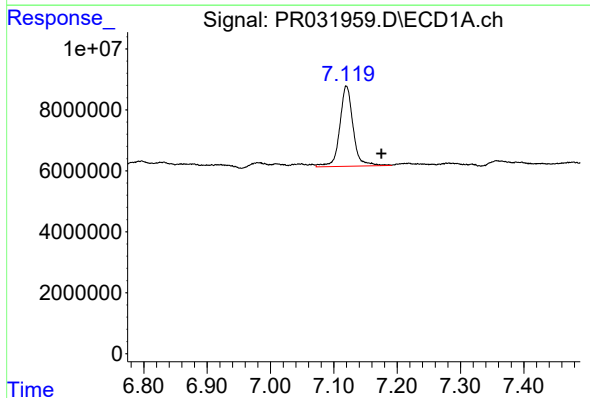
R.T.: 8.495 min
Delta R.T.: 0.051 min
Response: 2971145
Conc: 0.79 ng/ml

Instrument :
ECD_R
ClientSampleId :



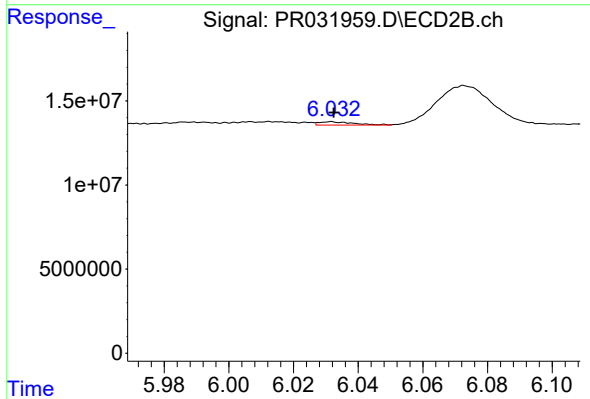
#35 AR-1260-5

R.T.: 7.190 min
Delta R.T.: 0.009 min
Response: 5720684
Conc: 1.31 ng/ml



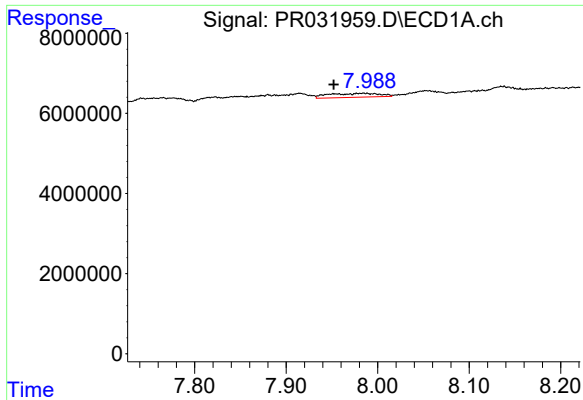
#36 AR-1262-1

R.T.: 7.120 min
Delta R.T.: -0.055 min
Response: 38333316
Conc: 45.29 ng/ml



#36 AR-1262-1

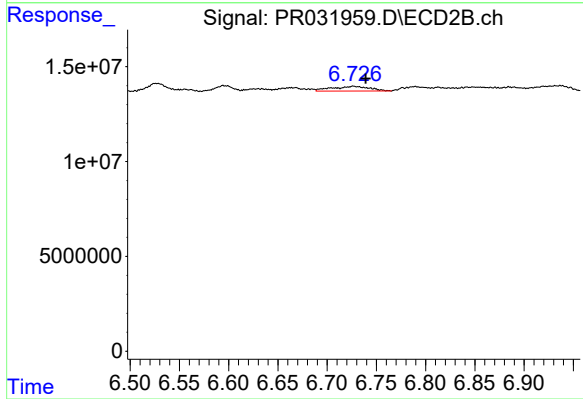
R.T.: 6.032 min
Delta R.T.: 0.000 min
Response: 1483343
Conc: 0.74 ng/ml



#37 AR-1262-2

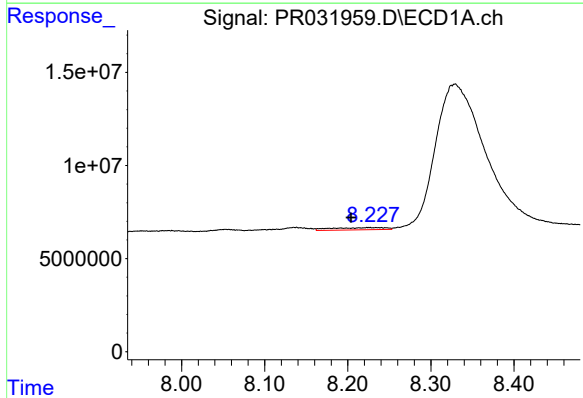
R.T.: 7.985 min
Delta R.T.: 0.033 min
Response: 3810272
Conc: 4.47 ng/ml

Instrument :
ECD_R
ClientSampleId :



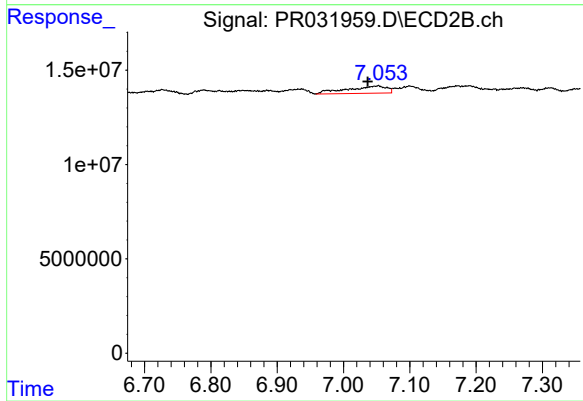
#37 AR-1262-2

R.T.: 6.727 min
Delta R.T.: -0.013 min
Response: 6745043
Conc: 4.48 ng/ml



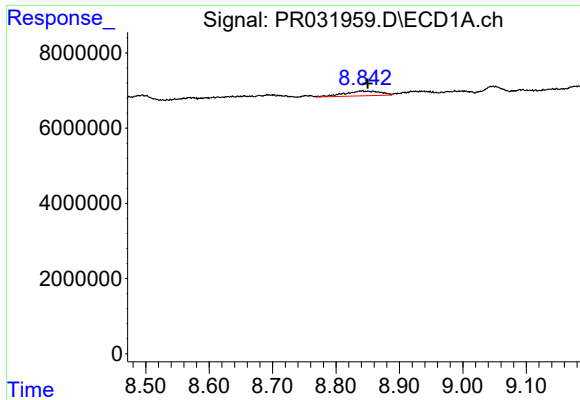
#38 AR-1262-3

R.T.: 8.225 min
Delta R.T.: 0.021 min
Response: 5344765
Conc: 7.10 ng/ml



#38 AR-1262-3

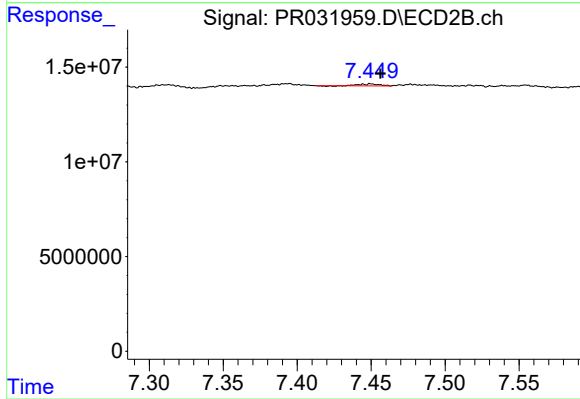
R.T.: 7.053 min
Delta R.T.: 0.016 min
Response: 16021531
Conc: 13.12 ng/ml



#39 AR-1262-4

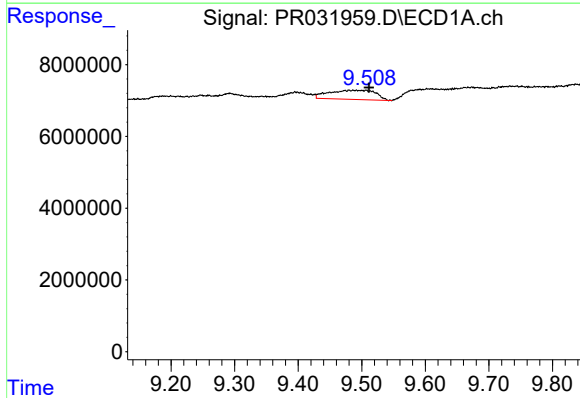
R.T.: 8.842 min
Delta R.T.: -0.008 min
Response: 5013377
Conc: 2.36 ng/ml

Instrument :
ECD_R
ClientSampleId :



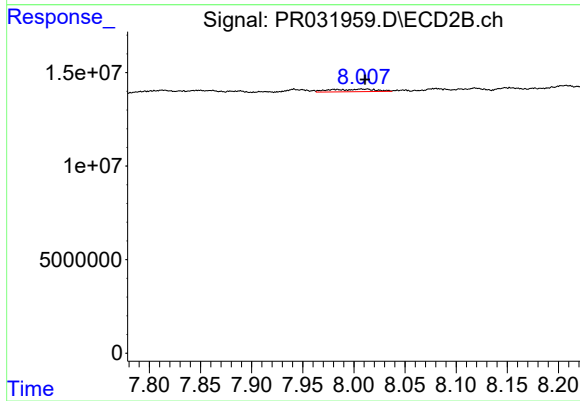
#39 AR-1262-4

R.T.: 7.445 min
Delta R.T.: -0.011 min
Response: 1041509
Conc: 0.62 ng/ml



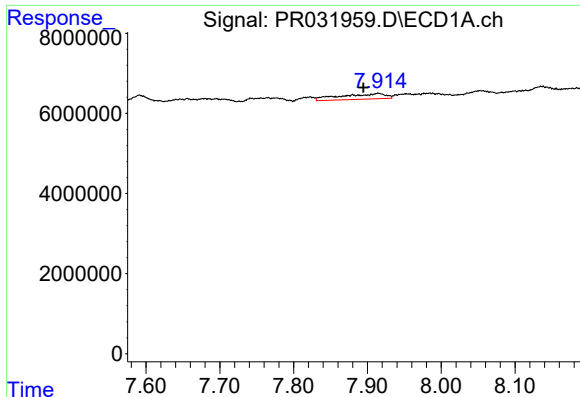
#40 AR-1262-5

R.T.: 9.492 min
Delta R.T.: -0.019 min
Response: 13068493
Conc: 8.55 ng/ml



#40 AR-1262-5

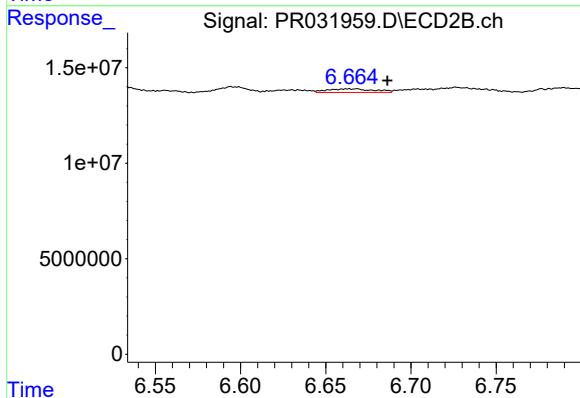
R.T.: 8.007 min
Delta R.T.: -0.004 min
Response: 4190355
Conc: 3.31 ng/ml



#41 AR-1268-1

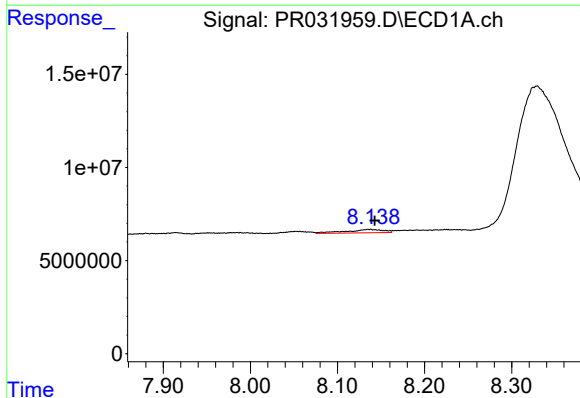
R.T.: 7.915 min
Delta R.T.: 0.020 min
Response: 5908164
Conc: 6.48 ng/ml

Instrument :
ECD_R
ClientSampleId :



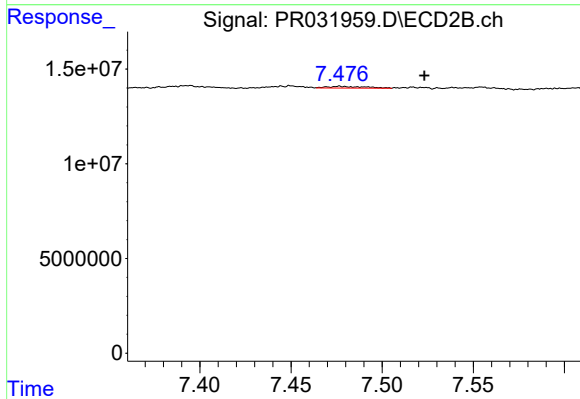
#41 AR-1268-1

R.T.: 6.663 min
Delta R.T.: -0.023 min
Response: 3583188
Conc: 2.20 ng/ml



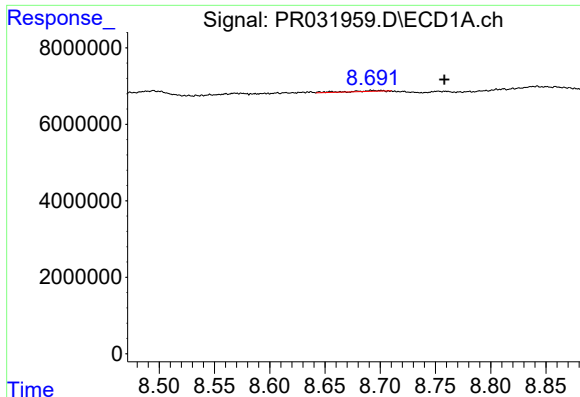
#42 AR-1268-2

R.T.: 8.137 min
Delta R.T.: -0.006 min
Response: 5193717
Conc: 4.13 ng/ml



#42 AR-1268-2

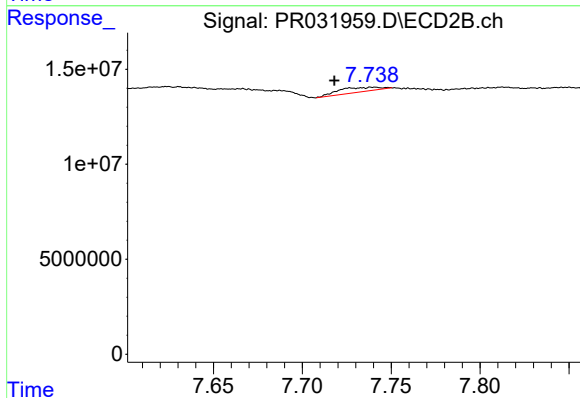
R.T.: 7.477 min
Delta R.T.: -0.046 min
Response: 1317972
Conc: 0.33 ng/ml



#43 AR-1268-3

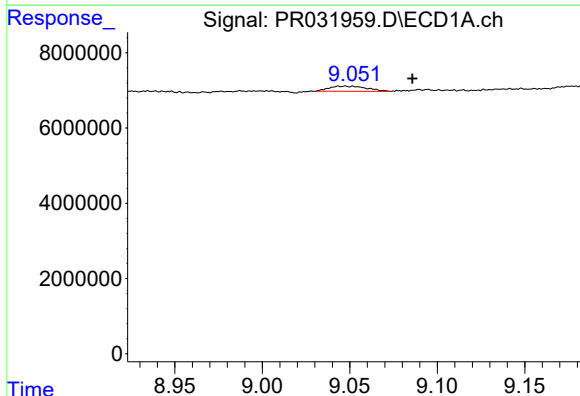
R.T.: 8.701 min
Delta R.T.: -0.057 min
Response: 574136
Conc: 0.10 ng/ml

Instrument :
ECD_R
ClientSampleId :



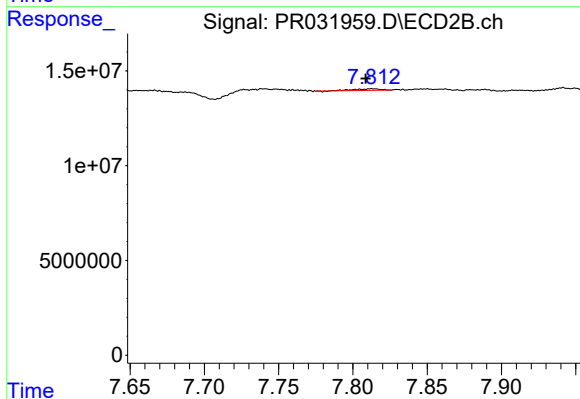
#43 AR-1268-3

R.T.: 7.740 min
Delta R.T.: 0.022 min
Response: 3857055
Conc: 1.12 ng/ml



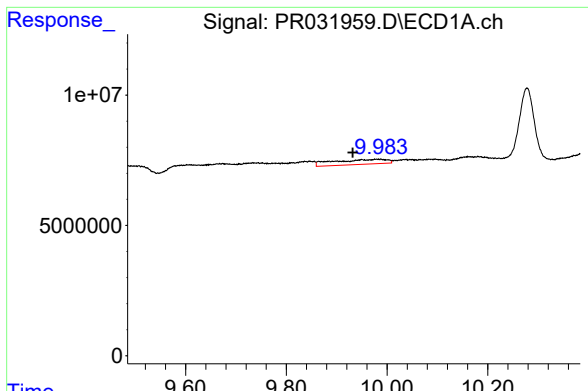
#44 AR-1268-4

R.T.: 9.047 min
Delta R.T.: -0.039 min
Response: 2035263
Conc: 0.46 ng/ml



#44 AR-1268-4

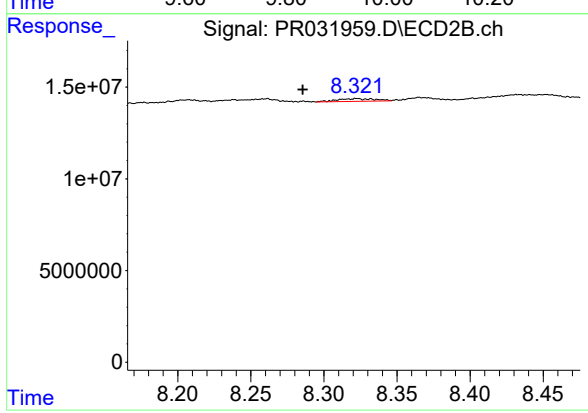
R.T.: 7.813 min
Delta R.T.: 0.004 min
Response: 1013860
Conc: 1.02 ng/ml



#45 AR-1268-5

R.T.: 9.984 min
Delta R.T.: 0.052 min
Response: 14049230
Conc: 1.15 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.323 min
Delta R.T.: 0.037 min
Response: 2651957
Conc: 0.28 ng/ml