

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR012120\
 Data File : PR044445.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jan 2020 10:23
 Operator : DD\AJ
 Sample : L1161-03
 Misc : AR1232 MDL 25 PPB
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 22 01:09:56 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR012020.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 21 02:46:28 2020
 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...	4.700	3.961	145.9E6	295.6E6	19.679	18.693
2)	SA Decachlor...	10.591	9.038	154.6E6	271.4E6	20.243	19.073
Target Compounds							
3)	L1 AR-1016-1	5.874	5.051	2978302	5638857	10.951	12.500
4)	L1 AR-1016-2	5.897	5.070	4126349	7017734	10.727	11.378
5)	L1 AR-1016-3	5.961	5.247	2723979	3004878	12.004	9.887
6)	L1 AR-1016-4	6.061	5.287	2060880	2309996	10.849	10.063
7)	L1 AR-1016-5	6.353	5.504	1777631	3267780	9.603	10.391
8)	L2 AR-1221-1	4.906	4.170	1437642	2708454	19.556	16.264
9)	L2 AR-1221-2	5.008	4.264	2428696	5508988	44.329	44.681
10)	L2 AR-1221-3	5.074	4.335	3650580	8641424	20.579	22.423
11)	L3 AR-1232-1	5.074	4.335	3650580	8641424	26.035	28.337
12)	L3 AR-1232-2	5.607	5.070	2314233	7017734	31.382	28.465
13)	L3 AR-1232-3	5.897	5.247	4126349	3004878	27.486	24.918
14)	L3 AR-1232-4	6.061	5.330	2060880	2458347	27.710	25.116
15)	L3 AR-1232-5	6.146	5.504	1330159	3267780	24.060	29.089
16)	L4 AR-1242-1	5.874	5.051	2978302	5638857	15.491	18.088
17)	L4 AR-1242-2	5.897	5.070	4126349	7017734	15.170	16.424
18)	L4 AR-1242-3	5.961	5.247	2723979	3004878	16.799	14.140
19)	L4 AR-1242-4	6.061	5.330	2060880	2458347	15.195	12.756
20)	L4 AR-1242-5	6.795	5.855	2472962	6314747	16.204	20.459 #
21)	L5 AR-1248-1	5.874	5.051	2978302	5638857	19.638	22.351
22)	L5 AR-1248-2	6.146	5.287	1330159	2309996	6.525	8.432 #
23)	L5 AR-1248-3	6.353	5.330	1777631	2458347	7.807	8.766
24)	L5 AR-1248-4	6.757	5.504	2135047	3267780	7.887	9.043
25)	L5 AR-1248-5	6.795	5.897	2472962	7396502	9.664	17.639 #
26)	L6 AR-1254-1	6.729	5.855	1881162	6314747	7.178	10.175 #
27)	L6 AR-1254-2	6.956	6.003	1929733	4797622	4.743	8.633 #
28)	L6 AR-1254-3	7.335	6.410	1458157	3476991	3.312	3.674
29)	L6 AR-1254-4	7.601	6.636	563074	4846407	1.668	6.726 #
30)	L6 AR-1254-5	0.000	7.018	0	2485575	N.D.	2.911 #
31)	L7 AR-1260-1	0.000	6.557	0	5670891	N.D.	8.316 #
32)	L7 AR-1260-2	0.000	6.714	0	3607646	N.D.	3.613 #
33)	L7 AR-1260-3	0.000	6.881	0	2765676	N.D.	3.410 #
34)	L7 AR-1260-4	0.000	7.353	0	3966552	N.D.	5.500 #
35)	L7 AR-1260-5	0.000	7.591	0	3917096	N.D.	1.812 #
36)	L8 AR-1262-1	0.000	7.109	0	3571292	N.D.	2.956 #
37)	L8 AR-1262-2	0.000	7.591	0	3917096	N.D.	1.758 #
38)	L8 AR-1262-3	0.000	7.844	0	522979	N.D.	0.591 #
39)	L8 AR-1262-4	0.000	7.935	0	880741	N.D.	0.599 #
41)	L9 AR-1268-1	0.000	7.844	0	522979	N.D.	0.196 #
42)	L9 AR-1268-2	0.000	7.935	0	880741	N.D.	0.385 #

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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	9.334	8.149	667072	1753352	0.806	0.900
45) L9	AR-1268-5	10.232	8.764	1170500	2260667	0.407	0.403

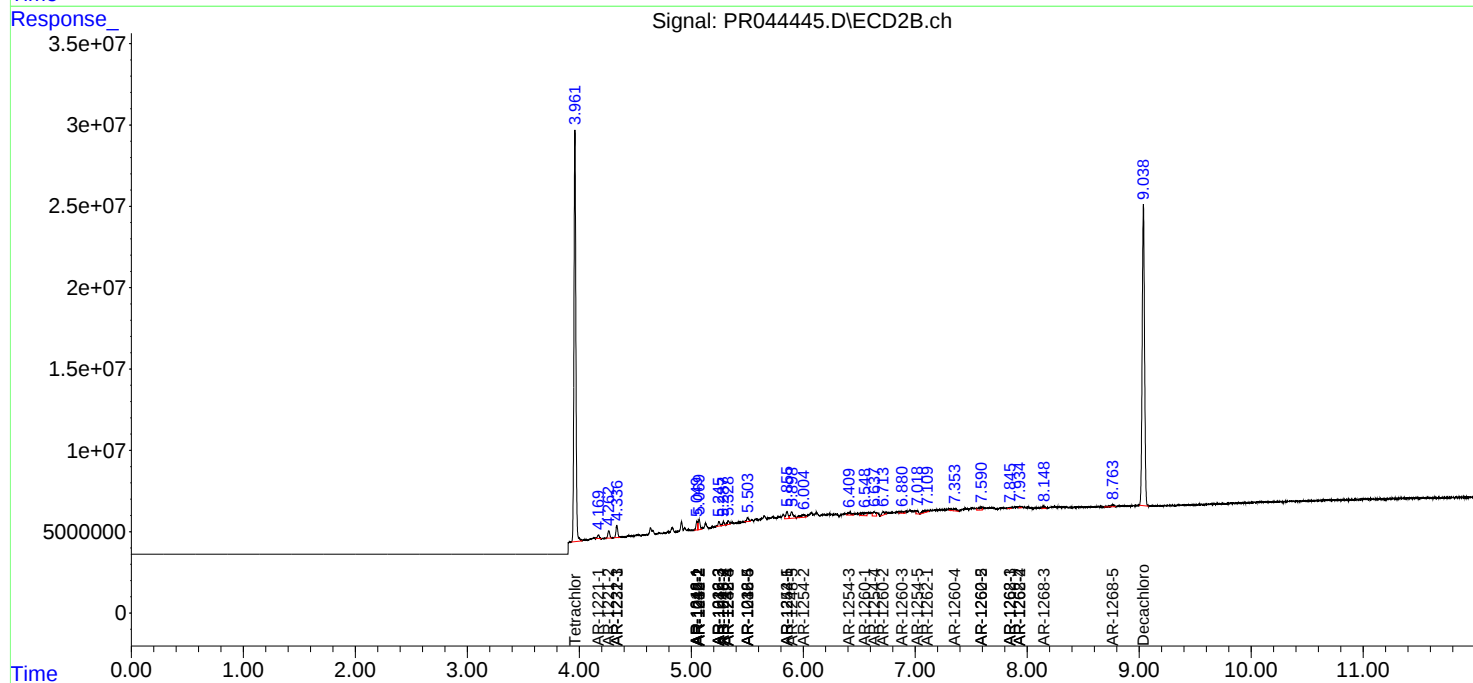
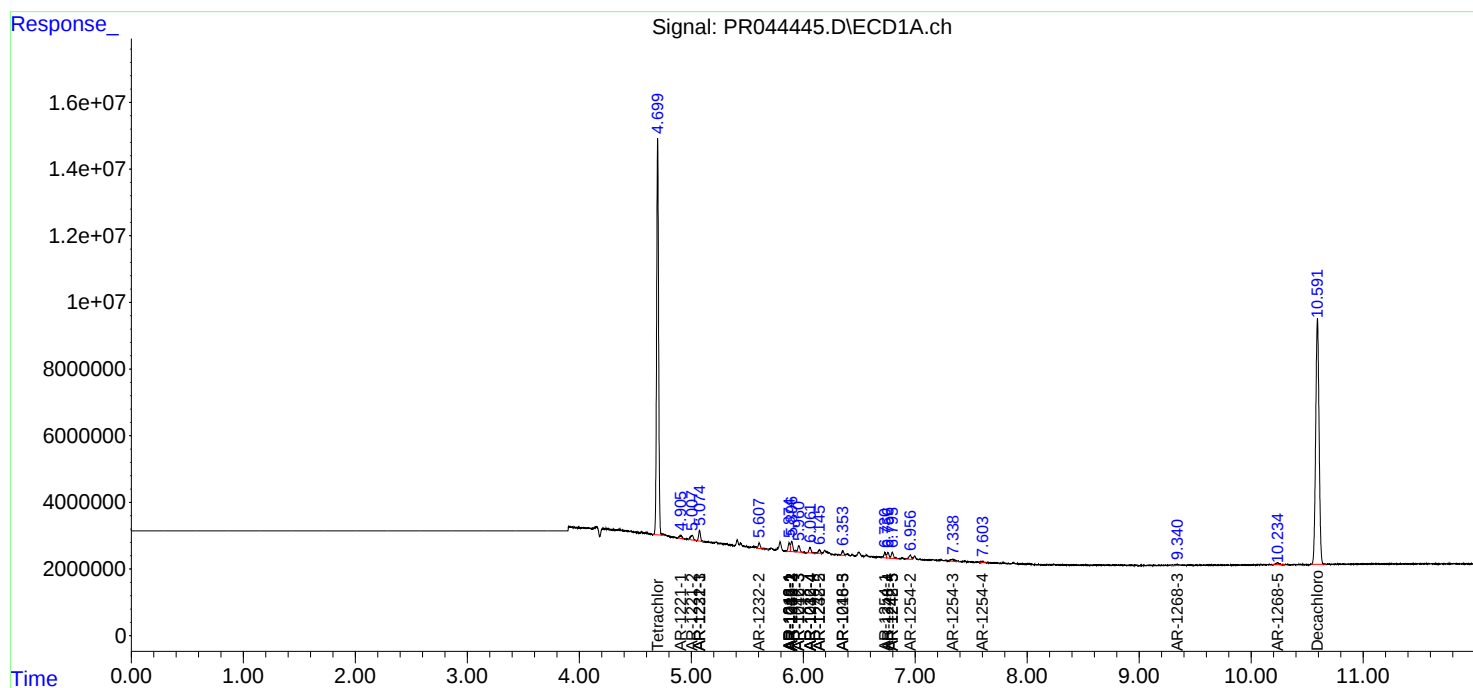
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

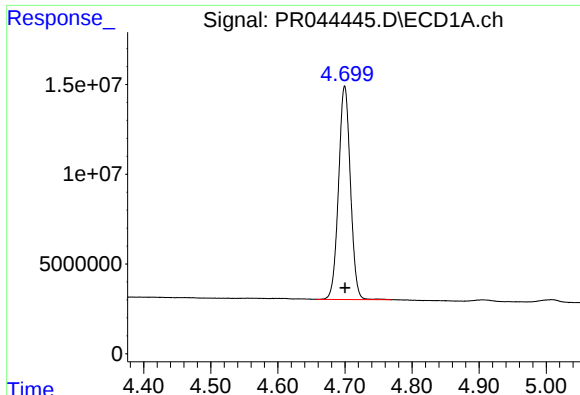
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

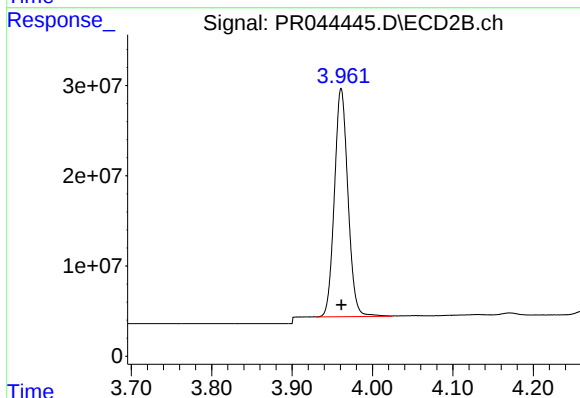




#1 Tetrachloro-m-xylene

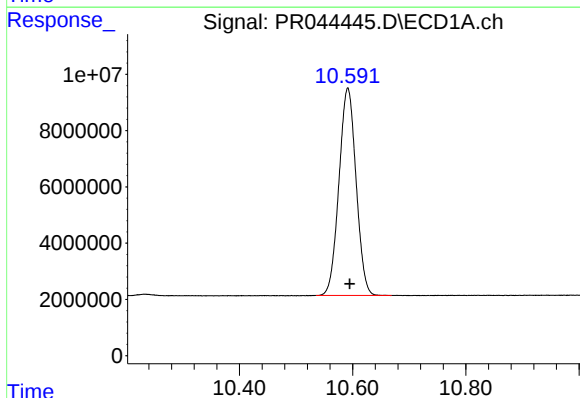
R.T.: 4.700 min
Delta R.T.: 0.000 min
Response: 145893051
Conc: 19.68 ng/ml

Instrument :
ECD_R
ClientSampleId :



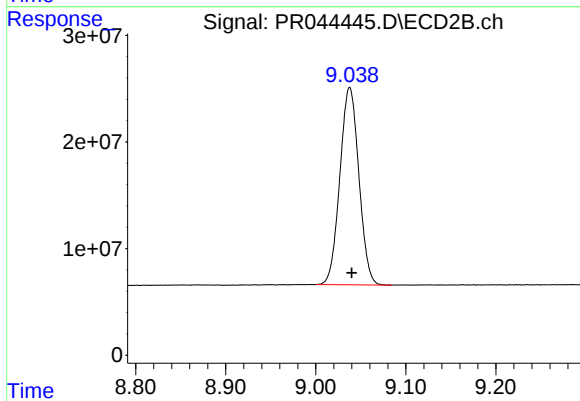
#1 Tetrachloro-m-xylene

R.T.: 3.961 min
Delta R.T.: 0.000 min
Response: 295596756
Conc: 18.69 ng/ml



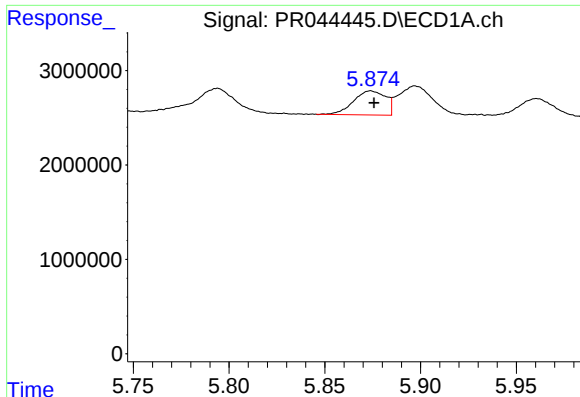
#2 Decachlorobiphenyl

R.T.: 10.591 min
Delta R.T.: -0.003 min
Response: 154638223
Conc: 20.24 ng/ml



#2 Decachlorobiphenyl

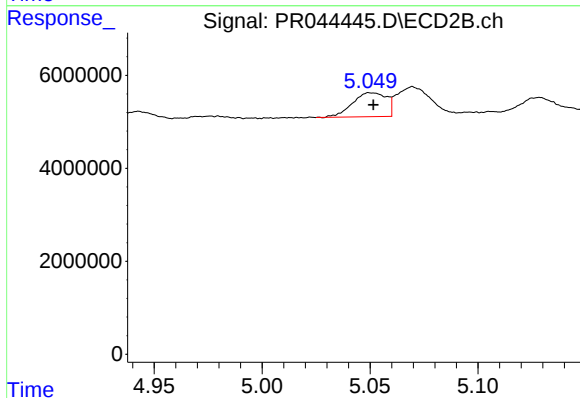
R.T.: 9.038 min
Delta R.T.: -0.002 min
Response: 271417523
Conc: 19.07 ng/ml



#3 AR-1016-1

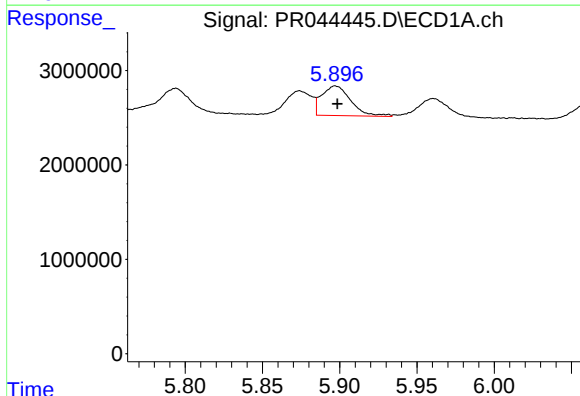
R.T.: 5.874 min
Delta R.T.: -0.002 min
Response: 2978302
Conc: 10.95 ng/ml

Instrument :
ECD_R
ClientSampleId :



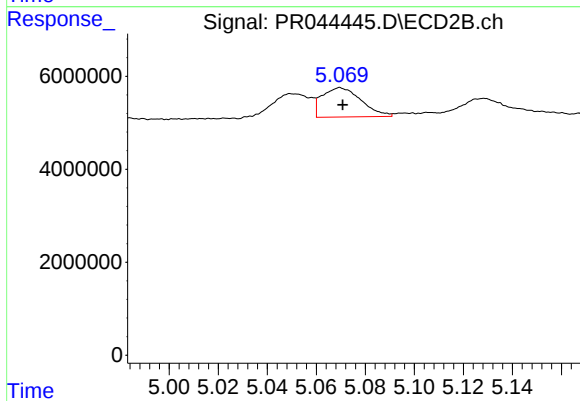
#3 AR-1016-1

R.T.: 5.051 min
Delta R.T.: -0.001 min
Response: 5638857
Conc: 12.50 ng/ml



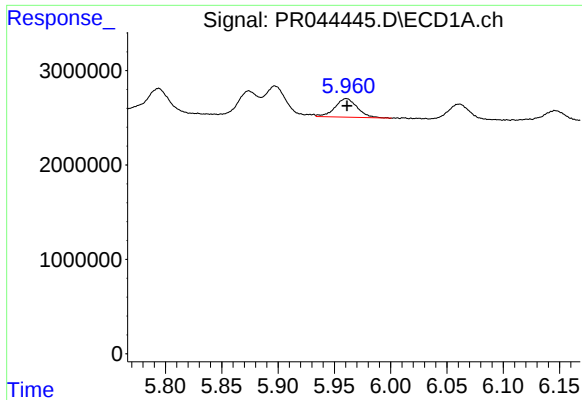
#4 AR-1016-2

R.T.: 5.897 min
Delta R.T.: -0.001 min
Response: 4126349
Conc: 10.73 ng/ml



#4 AR-1016-2

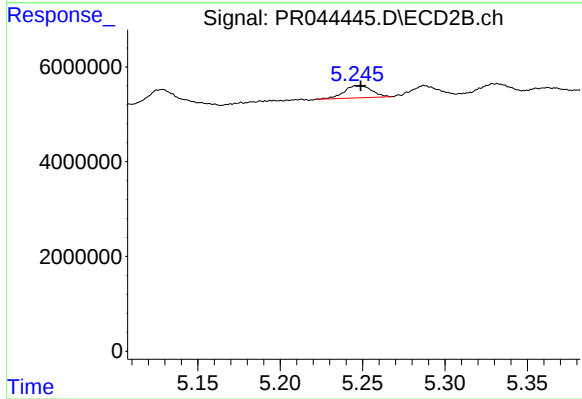
R.T.: 5.070 min
Delta R.T.: 0.000 min
Response: 7017734
Conc: 11.38 ng/ml



#5 AR-1016-3

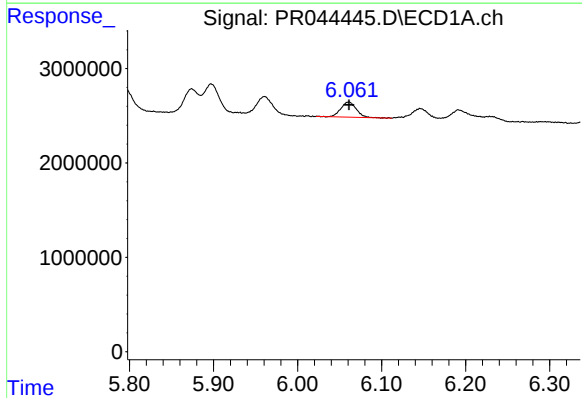
R.T.: 5.961 min
Delta R.T.: 0.000 min
Response: 2723979
Conc: 12.00 ng/ml

Instrument :
ECD_R
ClientSampleId :



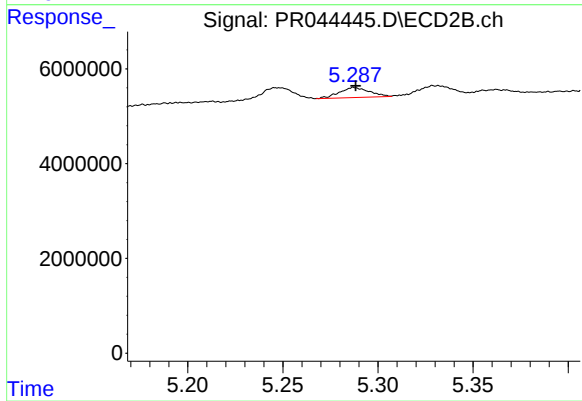
#5 AR-1016-3

R.T.: 5.247 min
Delta R.T.: -0.001 min
Response: 3004878
Conc: 9.89 ng/ml



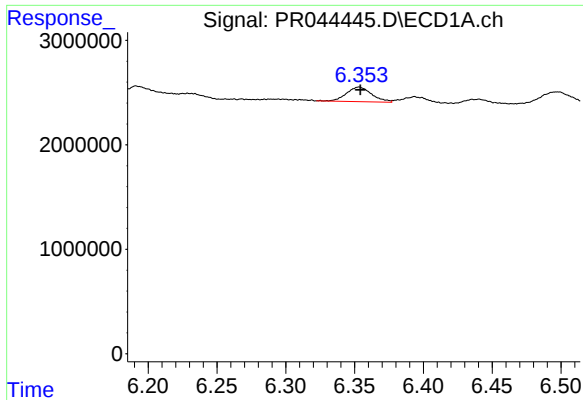
#6 AR-1016-4

R.T.: 6.061 min
Delta R.T.: 0.000 min
Response: 2060880
Conc: 10.85 ng/ml



#6 AR-1016-4

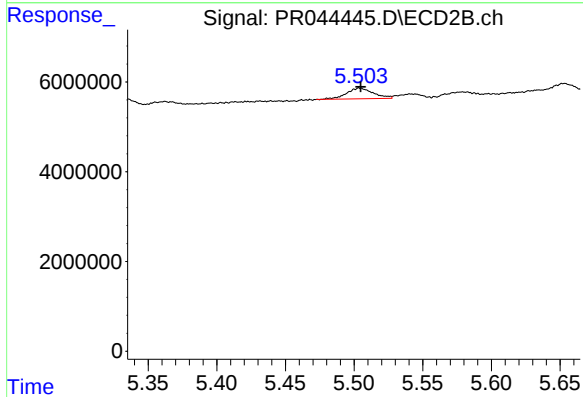
R.T.: 5.287 min
Delta R.T.: 0.000 min
Response: 2309996
Conc: 10.06 ng/ml



#7 AR-1016-5

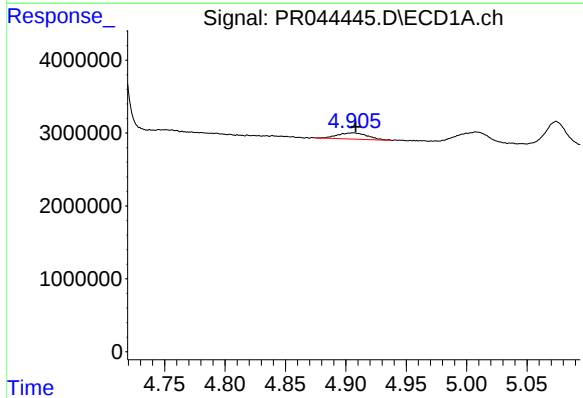
R.T.: 6.353 min
Delta R.T.: 0.000 min
Response: 1777631
Conc: 9.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



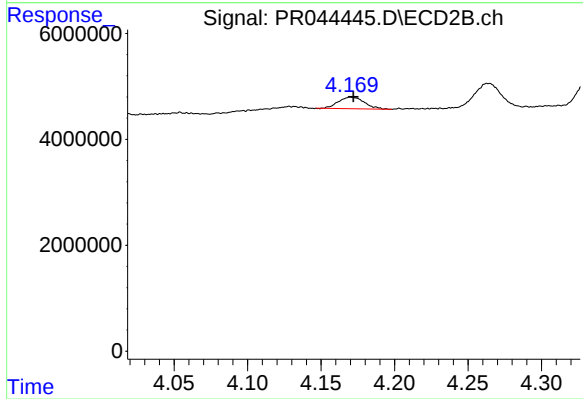
#7 AR-1016-5

R.T.: 5.504 min
Delta R.T.: 0.000 min
Response: 3267780
Conc: 10.39 ng/ml



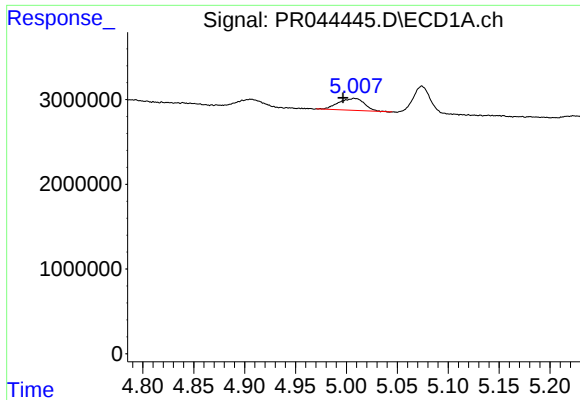
#8 AR-1221-1

R.T.: 4.906 min
Delta R.T.: -0.002 min
Response: 1437642
Conc: 19.56 ng/ml



#8 AR-1221-1

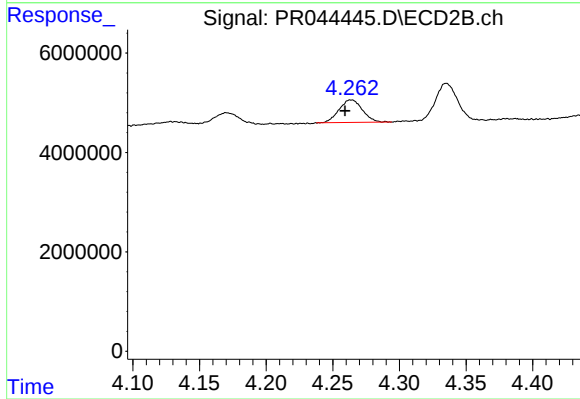
R.T.: 4.170 min
Delta R.T.: -0.002 min
Response: 2708454
Conc: 16.26 ng/ml



#9 AR-1221-2

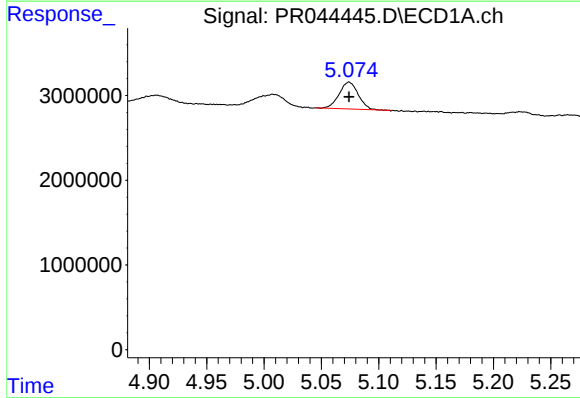
R.T.: 5.008 min
Delta R.T.: 0.011 min
Response: 2428696
Conc: 44.33 ng/ml

Instrument :
ECD_R
ClientSampleId :



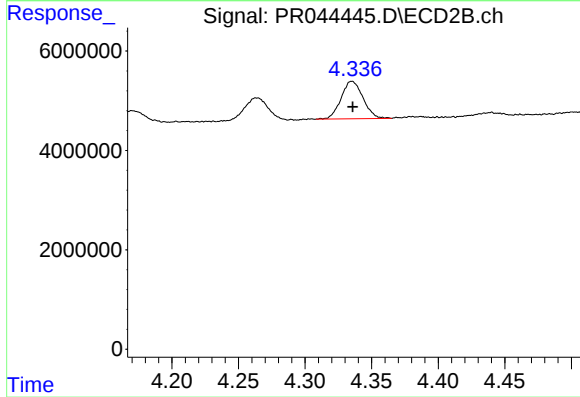
#9 AR-1221-2

R.T.: 4.264 min
Delta R.T.: 0.004 min
Response: 5508988
Conc: 44.68 ng/ml



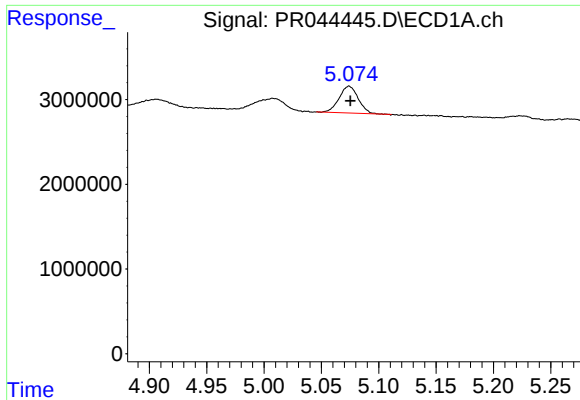
#10 AR-1221-3

R.T.: 5.074 min
Delta R.T.: 0.000 min
Response: 3650580
Conc: 20.58 ng/ml



#10 AR-1221-3

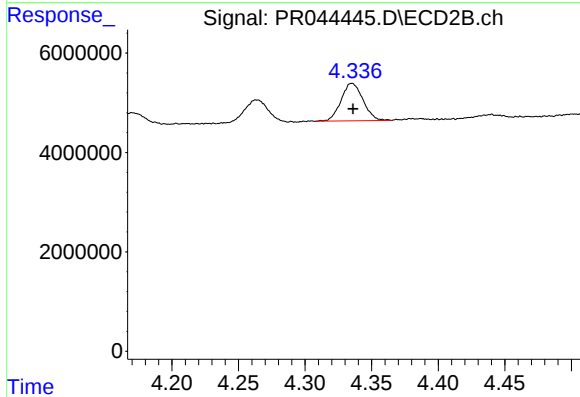
R.T.: 4.335 min
Delta R.T.: 0.000 min
Response: 8641424
Conc: 22.42 ng/ml



#11 AR-1232-1

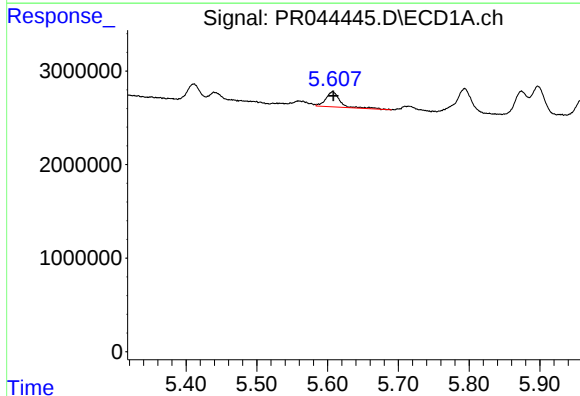
R.T.: 5.074 min
Delta R.T.: -0.001 min
Response: 3650580
Conc: 26.04 ng/ml

Instrument :
ECD_R
ClientSampleId :



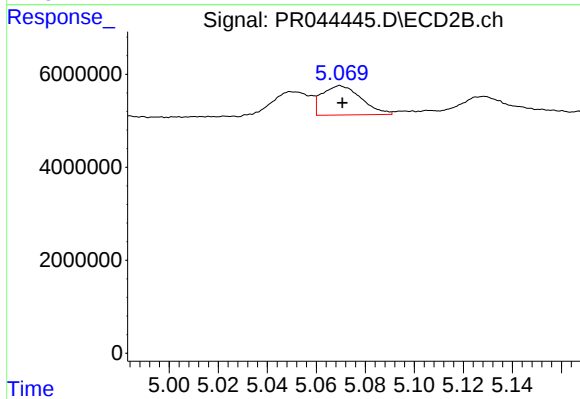
#11 AR-1232-1

R.T.: 4.335 min
Delta R.T.: 0.000 min
Response: 8641424
Conc: 28.34 ng/ml



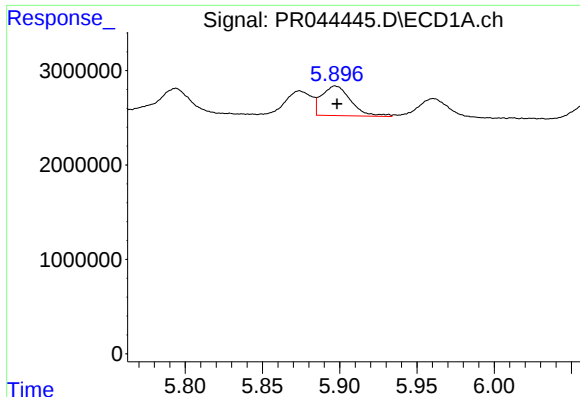
#12 AR-1232-2

R.T.: 5.607 min
Delta R.T.: -0.001 min
Response: 2314233
Conc: 31.38 ng/ml



#12 AR-1232-2

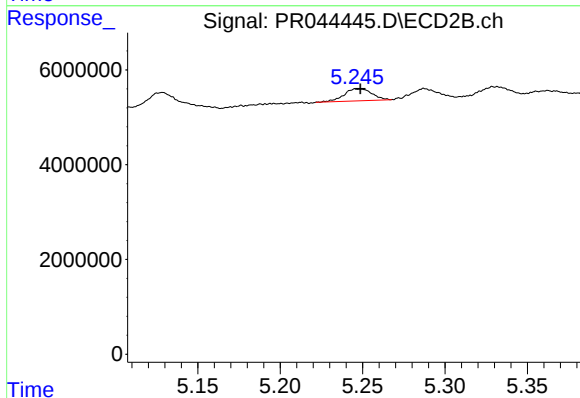
R.T.: 5.070 min
Delta R.T.: 0.000 min
Response: 7017734
Conc: 28.46 ng/ml



#13 AR-1232-3

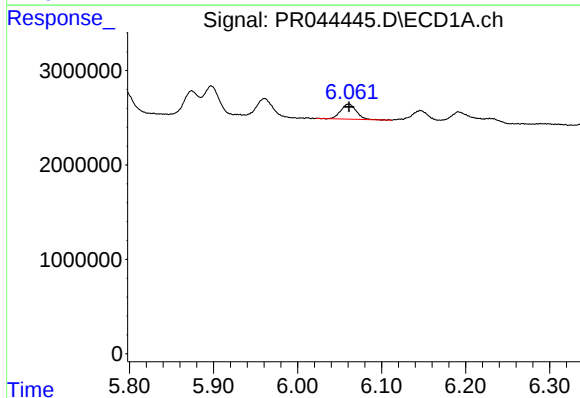
R.T.: 5.897 min
Delta R.T.: 0.000 min
Response: 4126349
Conc: 27.49 ng/ml

Instrument :
ECD_R
ClientSampleId :



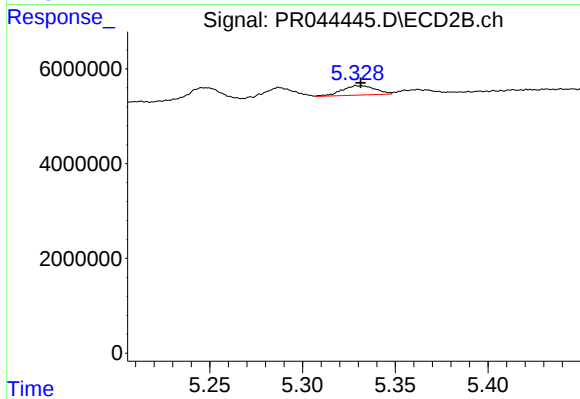
#13 AR-1232-3

R.T.: 5.247 min
Delta R.T.: -0.001 min
Response: 3004878
Conc: 24.92 ng/ml



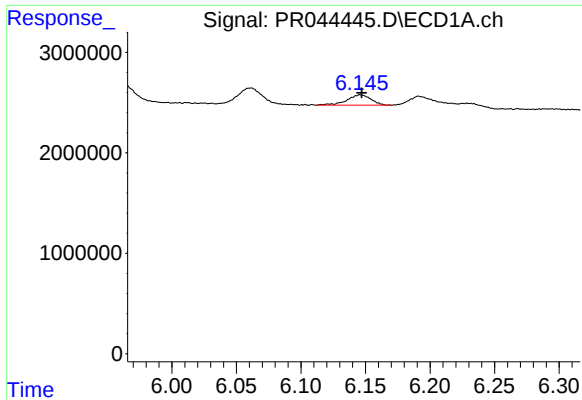
#14 AR-1232-4

R.T.: 6.061 min
Delta R.T.: 0.000 min
Response: 2060880
Conc: 27.71 ng/ml



#14 AR-1232-4

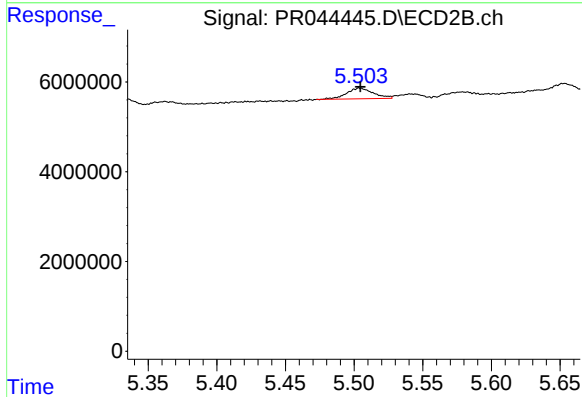
R.T.: 5.330 min
Delta R.T.: 0.000 min
Response: 2458347
Conc: 25.12 ng/ml



#15 AR-1232-5

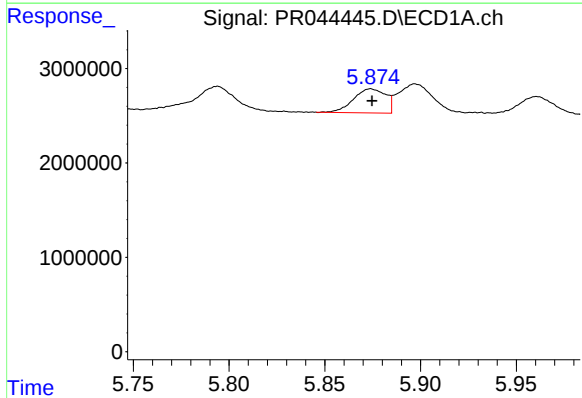
R.T.: 6.146 min
Delta R.T.: 0.000 min
Response: 1330159
Conc: 24.06 ng/ml

Instrument :
ECD_R
ClientSampleId :



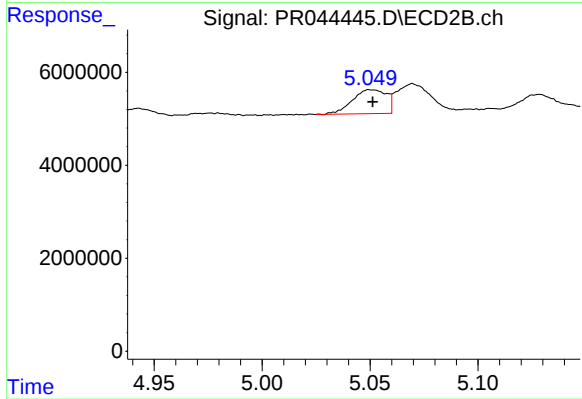
#15 AR-1232-5

R.T.: 5.504 min
Delta R.T.: 0.000 min
Response: 3267780
Conc: 29.09 ng/ml



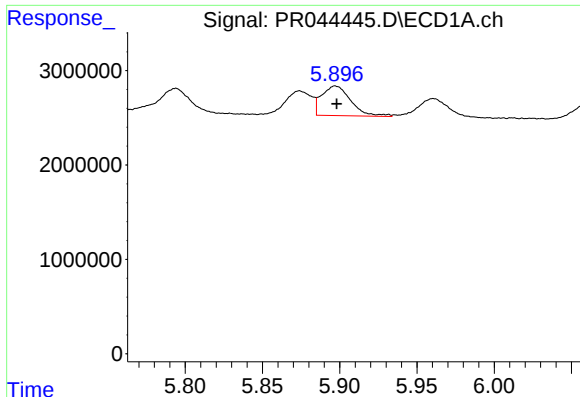
#16 AR-1242-1

R.T.: 5.874 min
Delta R.T.: 0.000 min
Response: 2978302
Conc: 15.49 ng/ml



#16 AR-1242-1

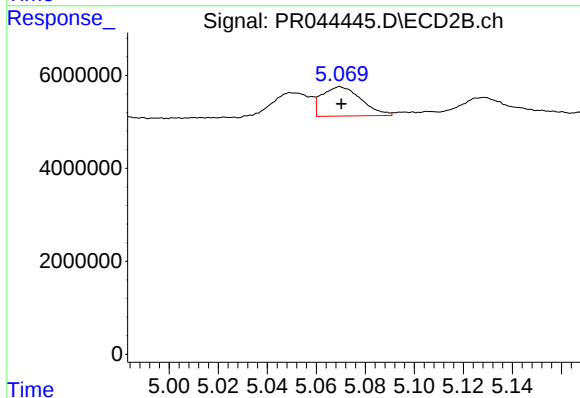
R.T.: 5.051 min
Delta R.T.: 0.000 min
Response: 5638857
Conc: 18.09 ng/ml



#17 AR-1242-2

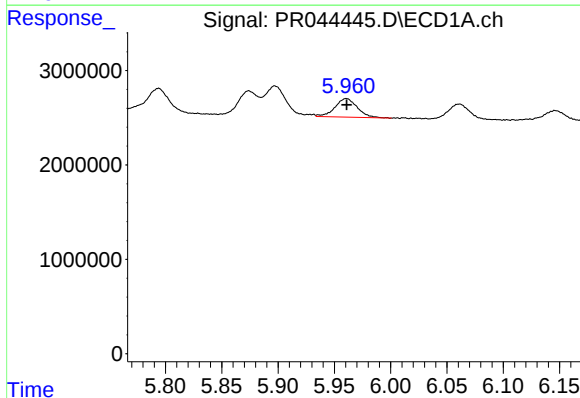
R.T.: 5.897 min
Delta R.T.: 0.000 min
Response: 4126349
Conc: 15.17 ng/ml

Instrument :
ECD_R
ClientSampleId :



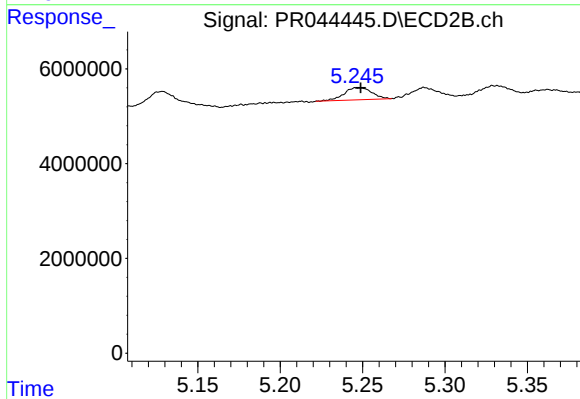
#17 AR-1242-2

R.T.: 5.070 min
Delta R.T.: 0.000 min
Response: 7017734
Conc: 16.42 ng/ml



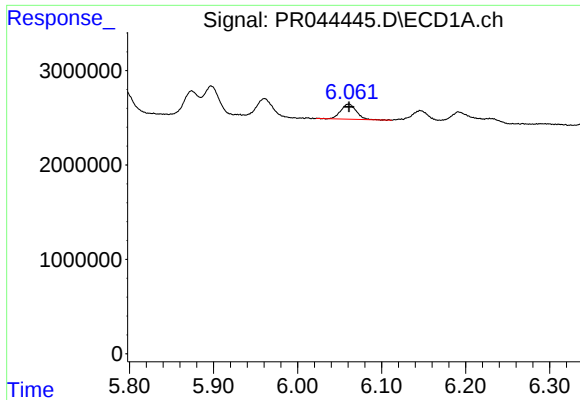
#18 AR-1242-3

R.T.: 5.961 min
Delta R.T.: 0.000 min
Response: 2723979
Conc: 16.80 ng/ml



#18 AR-1242-3

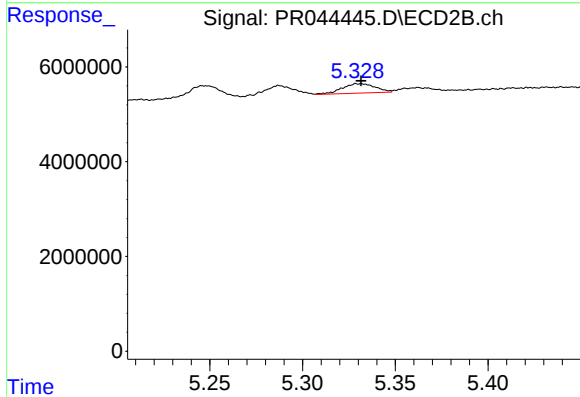
R.T.: 5.247 min
Delta R.T.: -0.001 min
Response: 3004878
Conc: 14.14 ng/ml



#19 AR-1242-4

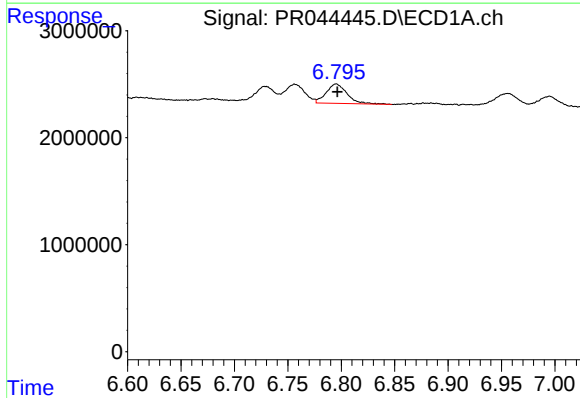
R.T.: 6.061 min
Delta R.T.: 0.000 min
Response: 2060880
Conc: 15.20 ng/ml

Instrument :
ECD_R
ClientSampleId :



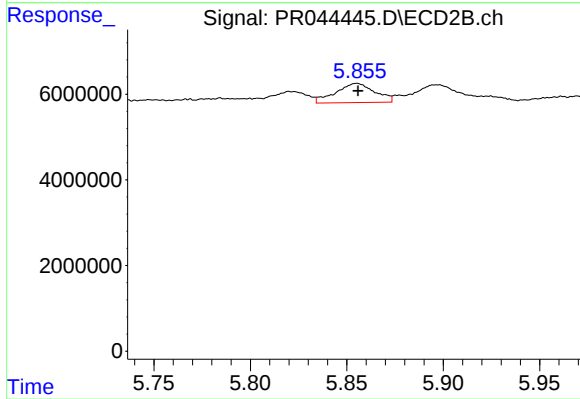
#19 AR-1242-4

R.T.: 5.330 min
Delta R.T.: 0.000 min
Response: 2458347
Conc: 12.76 ng/ml



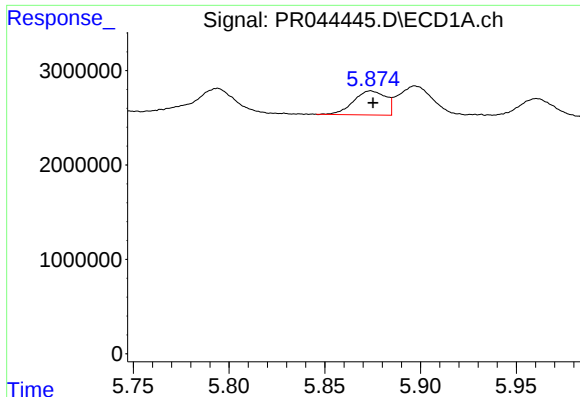
#20 AR-1242-5

R.T.: 6.795 min
Delta R.T.: -0.001 min
Response: 2472962
Conc: 16.20 ng/ml



#20 AR-1242-5

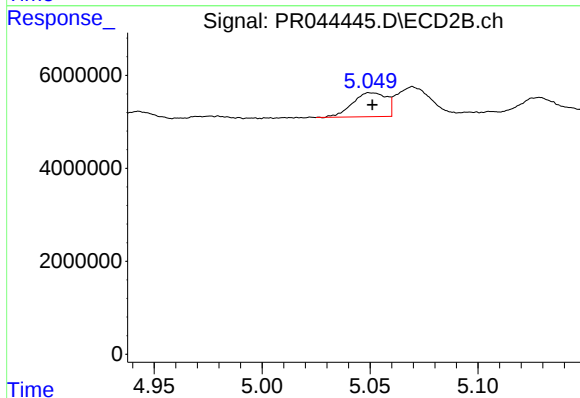
R.T.: 5.855 min
Delta R.T.: 0.000 min
Response: 6314747
Conc: 20.46 ng/ml



#21 AR-1248-1

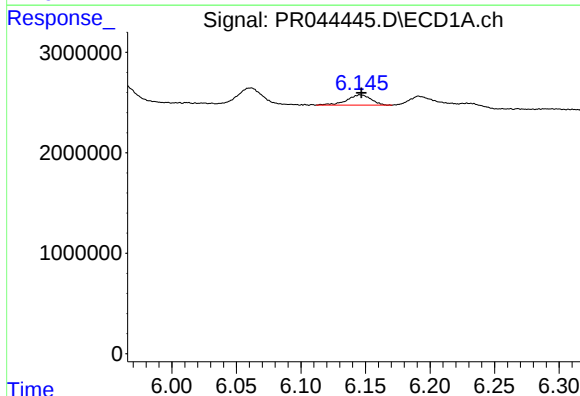
R.T.: 5.874 min
Delta R.T.: -0.001 min
Response: 2978302
Conc: 19.64 ng/ml

Instrument :
ECD_R
ClientSampleId :



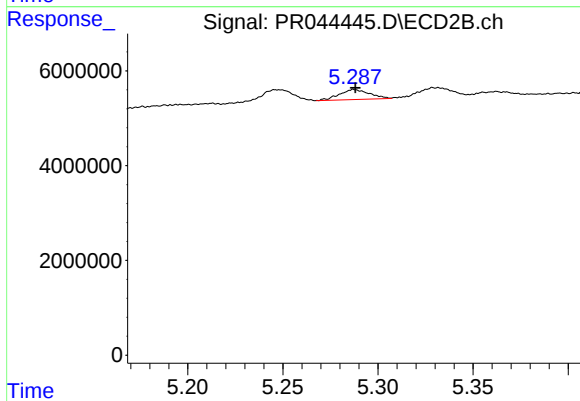
#21 AR-1248-1

R.T.: 5.051 min
Delta R.T.: 0.000 min
Response: 5638857
Conc: 22.35 ng/ml



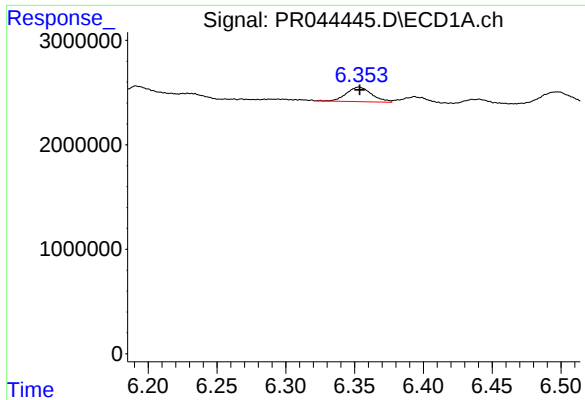
#22 AR-1248-2

R.T.: 6.146 min
Delta R.T.: 0.000 min
Response: 1330159
Conc: 6.52 ng/ml



#22 AR-1248-2

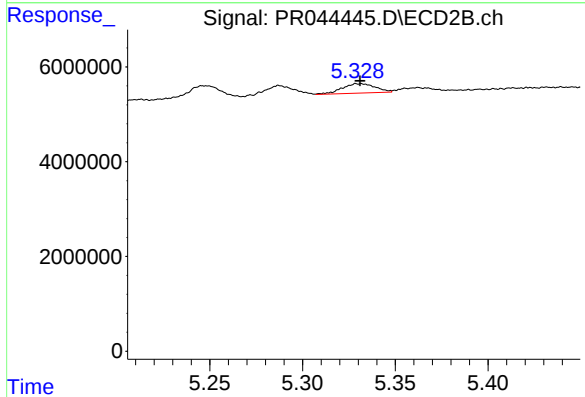
R.T.: 5.287 min
Delta R.T.: 0.000 min
Response: 2309996
Conc: 8.43 ng/ml



#23 AR-1248-3

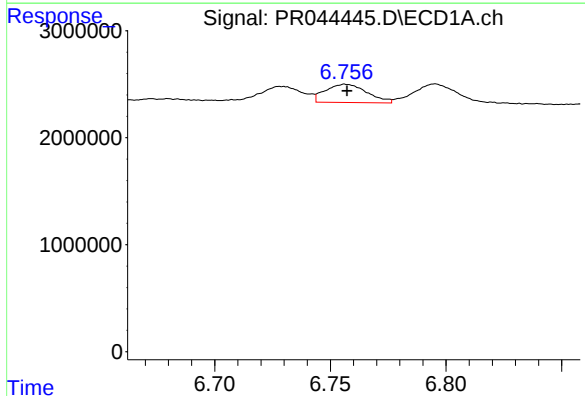
R.T.: 6.353 min
Delta R.T.: 0.000 min
Response: 1777631
Conc: 7.81 ng/ml

Instrument :
ECD_R
ClientSampleId :



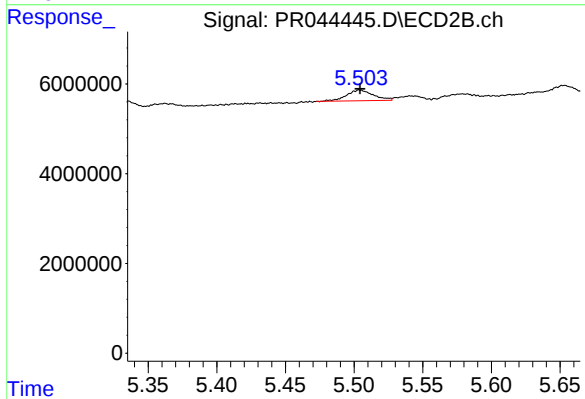
#23 AR-1248-3

R.T.: 5.330 min
Delta R.T.: 0.000 min
Response: 2458347
Conc: 8.77 ng/ml



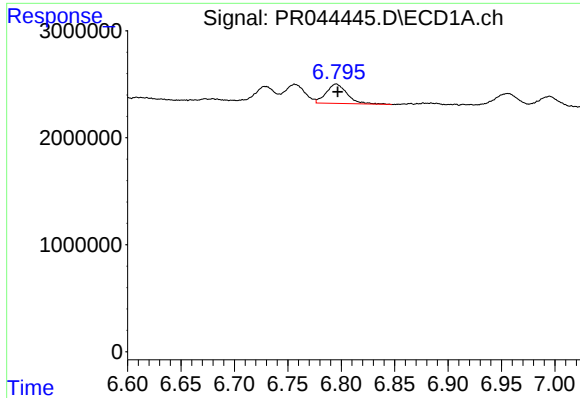
#24 AR-1248-4

R.T.: 6.757 min
Delta R.T.: 0.000 min
Response: 2135047
Conc: 7.89 ng/ml



#24 AR-1248-4

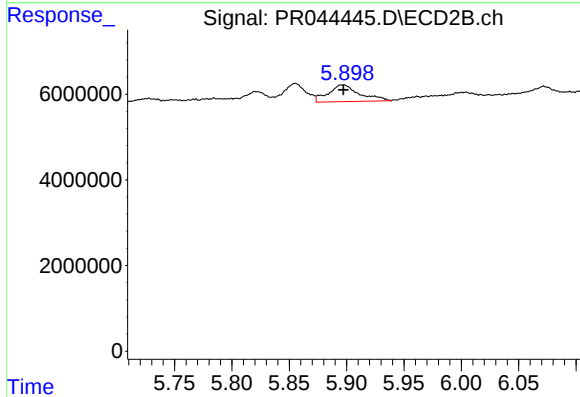
R.T.: 5.504 min
Delta R.T.: 0.000 min
Response: 3267780
Conc: 9.04 ng/ml



#25 AR-1248-5

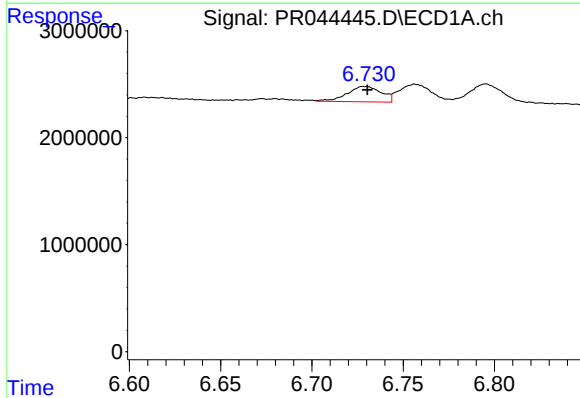
R.T.: 6.795 min
Delta R.T.: -0.002 min
Response: 2472962
Conc: 9.66 ng/ml

Instrument :
ECD_R
ClientSampleId :



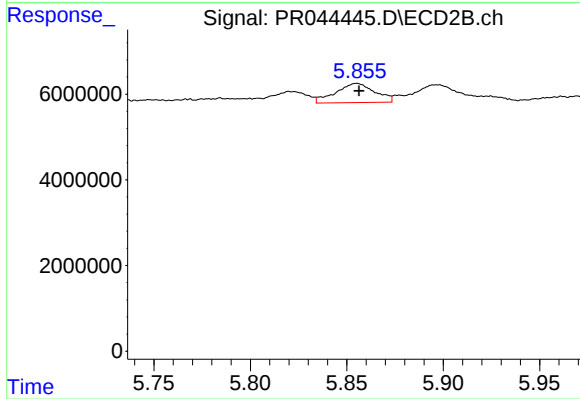
#25 AR-1248-5

R.T.: 5.897 min
Delta R.T.: 0.000 min
Response: 7396502
Conc: 17.64 ng/ml



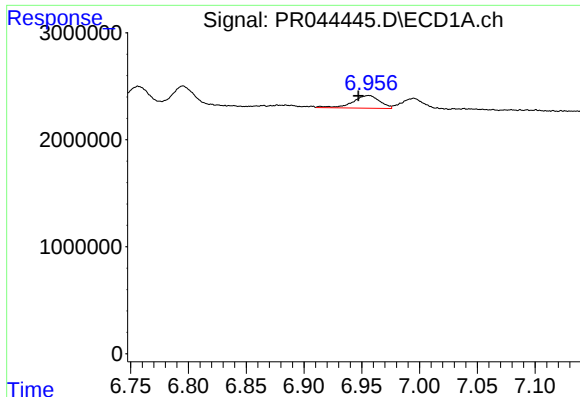
#26 AR-1254-1

R.T.: 6.729 min
Delta R.T.: -0.001 min
Response: 1881162
Conc: 7.18 ng/ml



#26 AR-1254-1

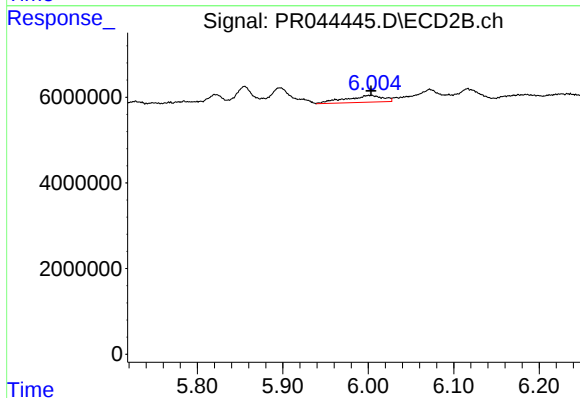
R.T.: 5.855 min
Delta R.T.: -0.001 min
Response: 6314747
Conc: 10.17 ng/ml



#27 AR-1254-2

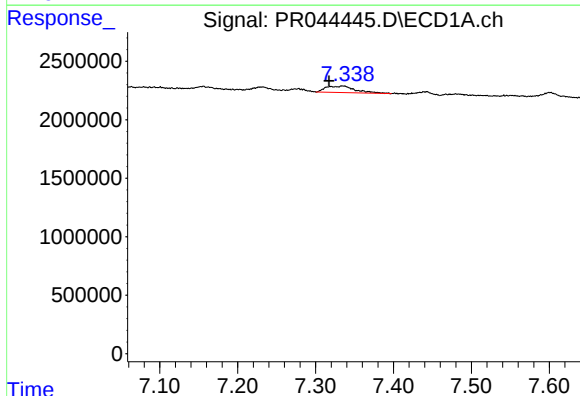
R.T.: 6.956 min
Delta R.T.: 0.009 min
Response: 1929733
Conc: 4.74 ng/ml

Instrument :
ECD_R
ClientSampleId :



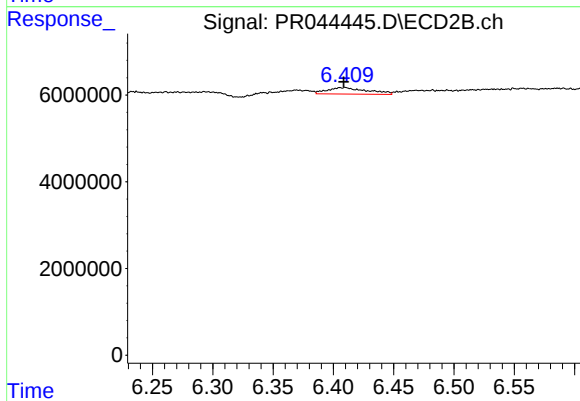
#27 AR-1254-2

R.T.: 6.003 min
Delta R.T.: 0.000 min
Response: 4797622
Conc: 8.63 ng/ml



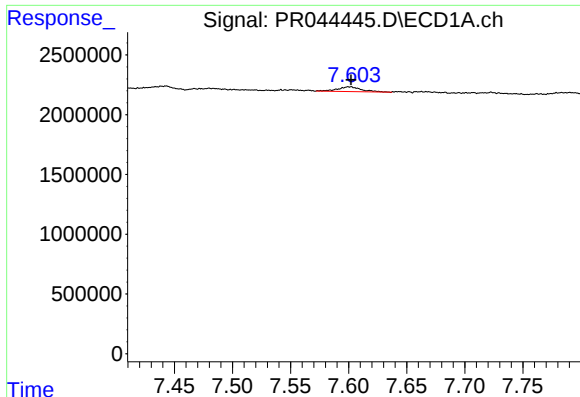
#28 AR-1254-3

R.T.: 7.335 min
Delta R.T.: 0.018 min
Response: 1458157
Conc: 3.31 ng/ml



#28 AR-1254-3

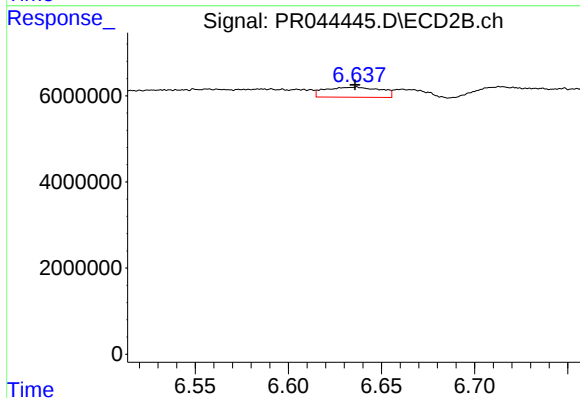
R.T.: 6.410 min
Delta R.T.: 0.001 min
Response: 3476991
Conc: 3.67 ng/ml



#29 AR-1254-4

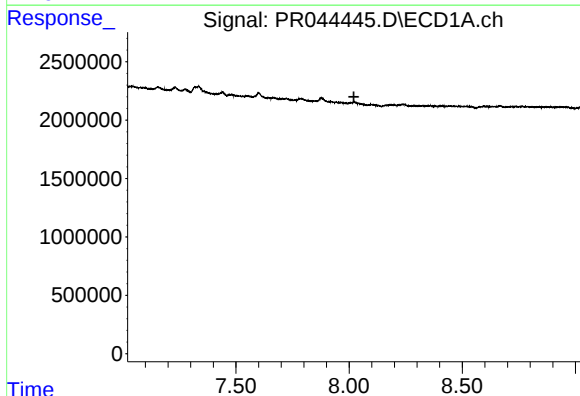
R.T.: 7.601 min
Delta R.T.: -0.001 min
Response: 563074
Conc: 1.67 ng/ml

Instrument :
ECD_R
ClientSampleId :



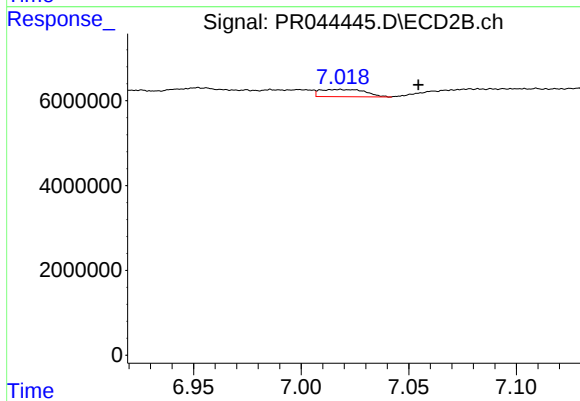
#29 AR-1254-4

R.T.: 6.636 min
Delta R.T.: 0.000 min
Response: 4846407
Conc: 6.73 ng/ml



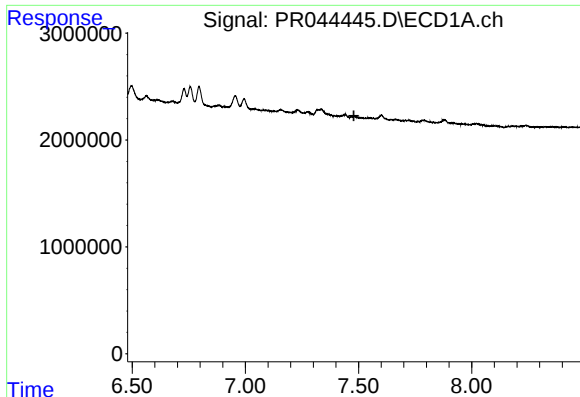
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 8.021 min
Response: 0
Conc: N.D.



#30 AR-1254-5

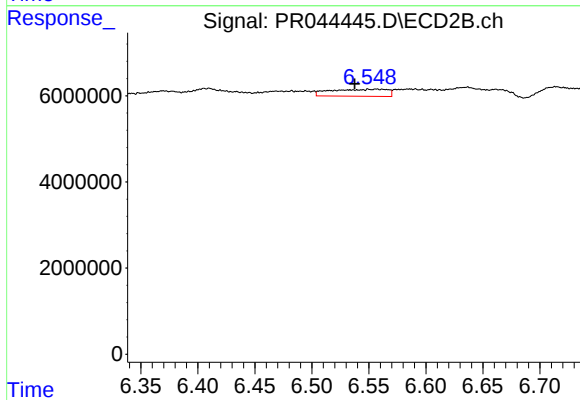
R.T.: 7.018 min
Delta R.T.: -0.036 min
Response: 2485575
Conc: 2.91 ng/ml



#31 AR-1260-1

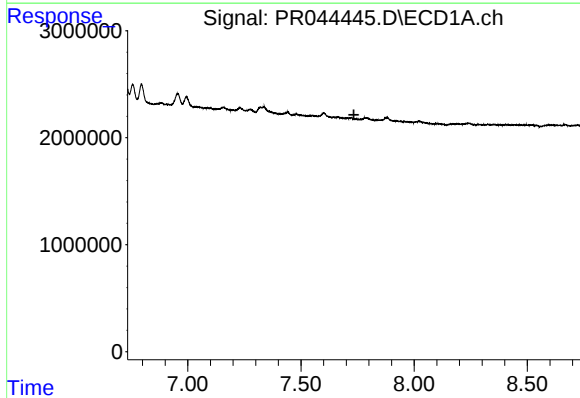
R.T.: 0.000 min
Exp R.T.: 7.480 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



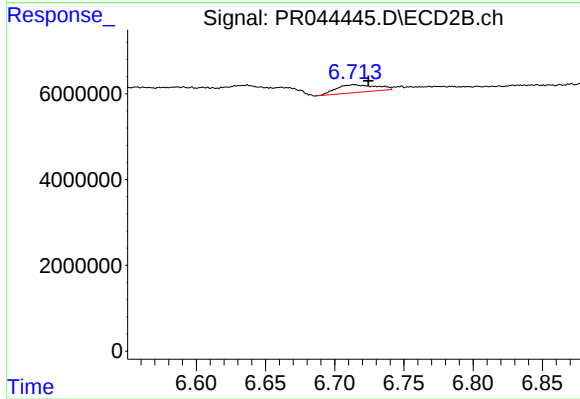
#31 AR-1260-1

R.T.: 6.557 min
Delta R.T.: 0.019 min
Response: 5670891
Conc: 8.32 ng/ml



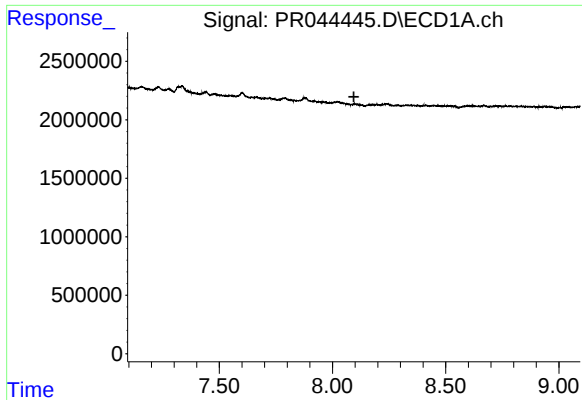
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T.: 7.734 min
Response: 0
Conc: N.D.



#32 AR-1260-2

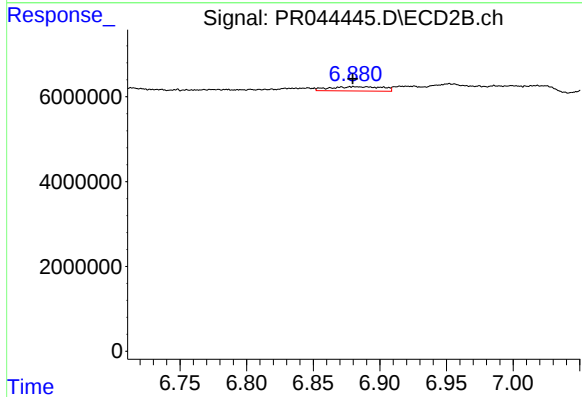
R.T.: 6.714 min
Delta R.T.: -0.010 min
Response: 3607646
Conc: 3.61 ng/ml



#33 AR-1260-3

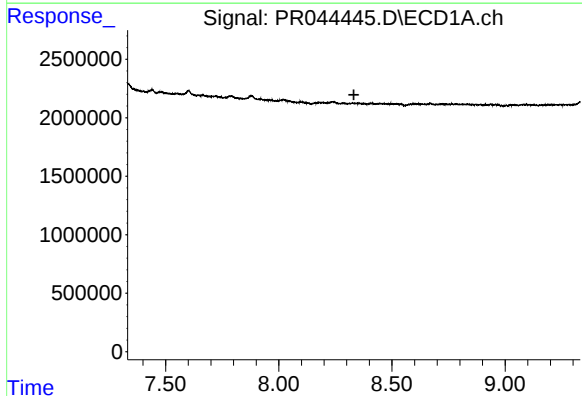
R.T.: 0.000 min
Exp R.T.: 8.094 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



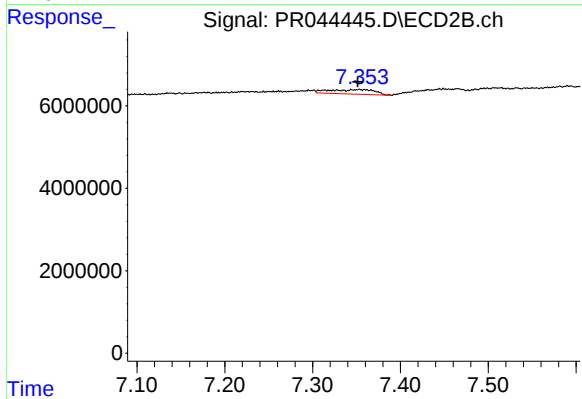
#33 AR-1260-3

R.T.: 6.881 min
Delta R.T.: 0.000 min
Response: 2765676
Conc: 3.41 ng/ml



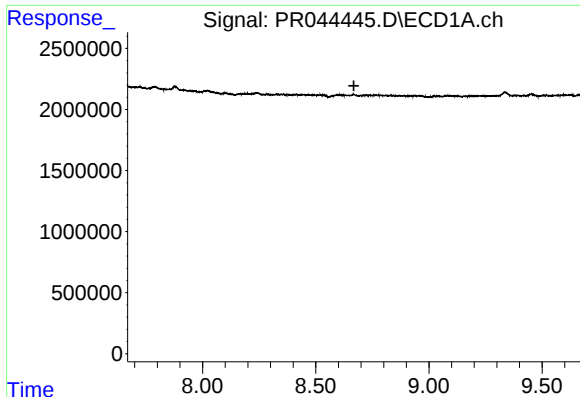
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T.: 8.332 min
Response: 0
Conc: N.D.



#34 AR-1260-4

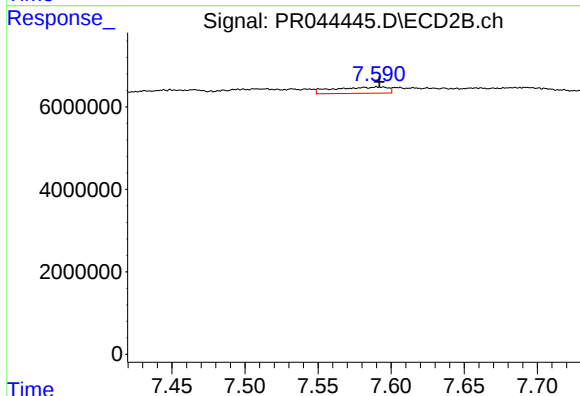
R.T.: 7.353 min
Delta R.T.: 0.002 min
Response: 3966552
Conc: 5.50 ng/ml



#35 AR-1260-5

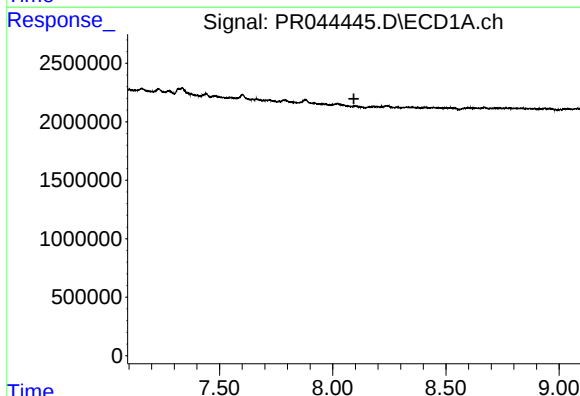
R.T.: 0.000 min
Exp R.T. : 8.669 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



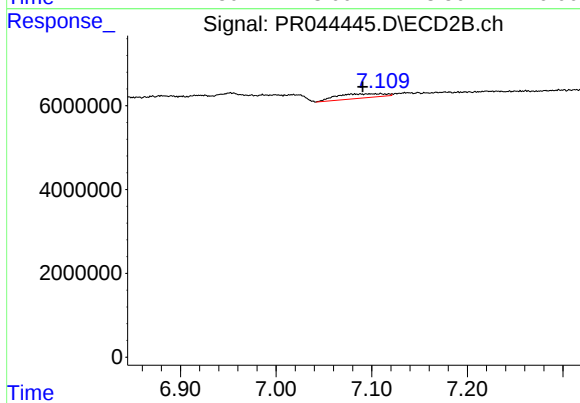
#35 AR-1260-5

R.T.: 7.591 min
Delta R.T.: -0.001 min
Response: 3917096
Conc: 1.81 ng/ml



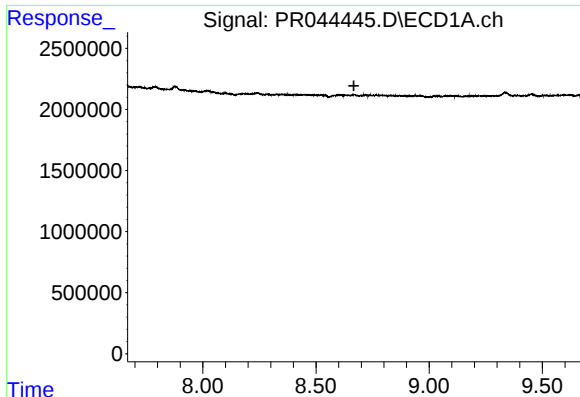
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 8.094 min
Response: 0
Conc: N.D.



#36 AR-1262-1

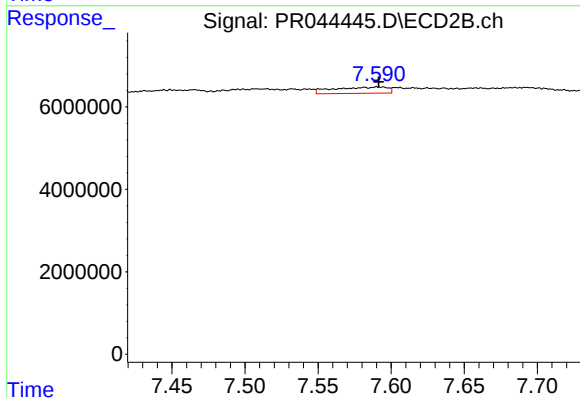
R.T.: 7.109 min
Delta R.T.: 0.019 min
Response: 3571292
Conc: 2.96 ng/ml



#37 AR-1262-2

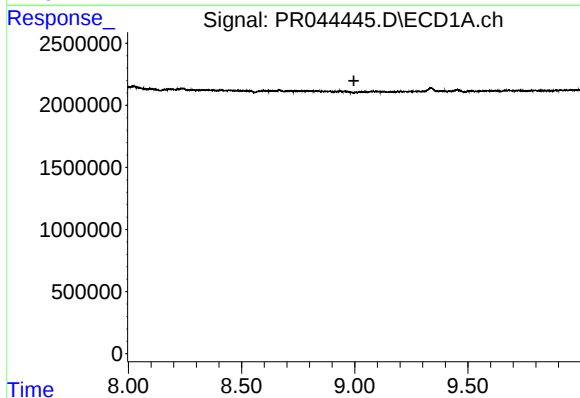
R.T.: 0.000 min
Exp R.T. : 8.668 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



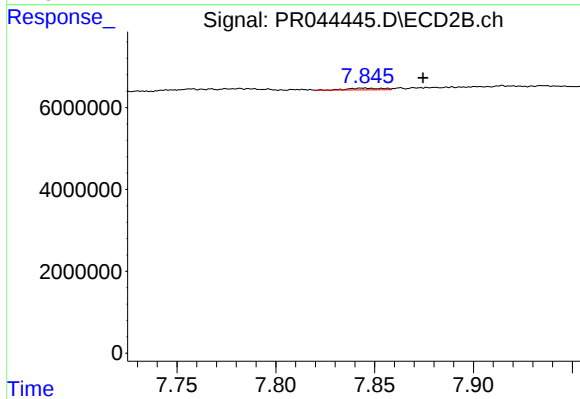
#37 AR-1262-2

R.T.: 7.591 min
Delta R.T.: -0.001 min
Response: 3917096
Conc: 1.76 ng/ml



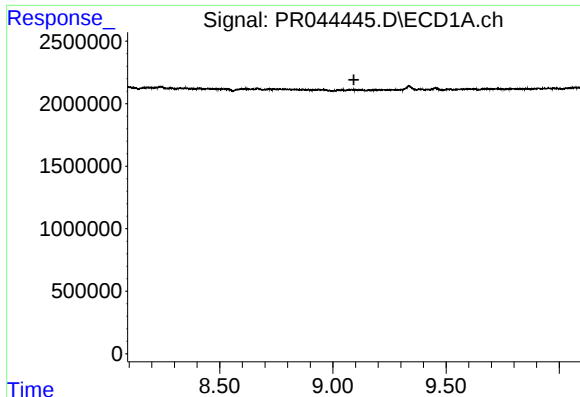
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.996 min
Response: 0
Conc: N.D.



#38 AR-1262-3

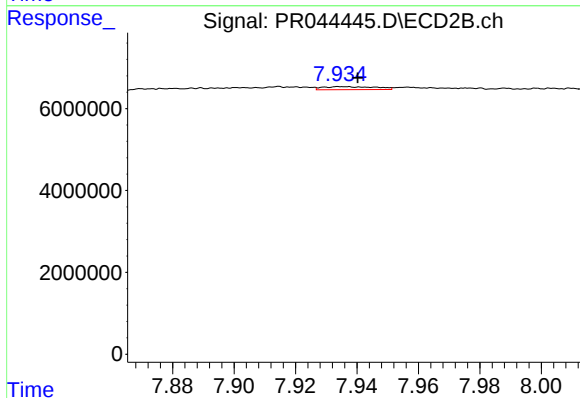
R.T.: 7.844 min
Delta R.T.: -0.030 min
Response: 522979
Conc: 0.59 ng/ml



#39 AR-1262-4

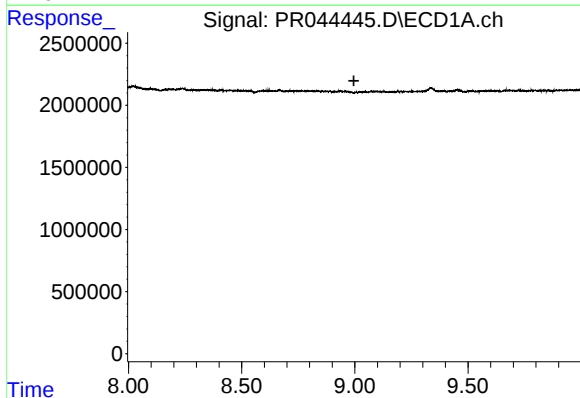
R.T.: 0.000 min
Exp R.T. : 9.093 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



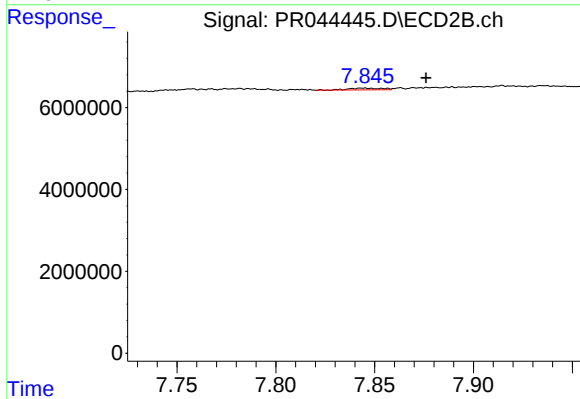
#39 AR-1262-4

R.T.: 7.935 min
Delta R.T.: -0.005 min
Response: 880741
Conc: 0.60 ng/ml



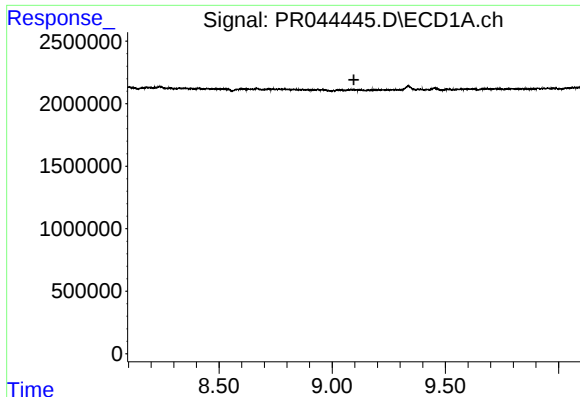
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 8.996 min
Response: 0
Conc: N.D.



#41 AR-1268-1

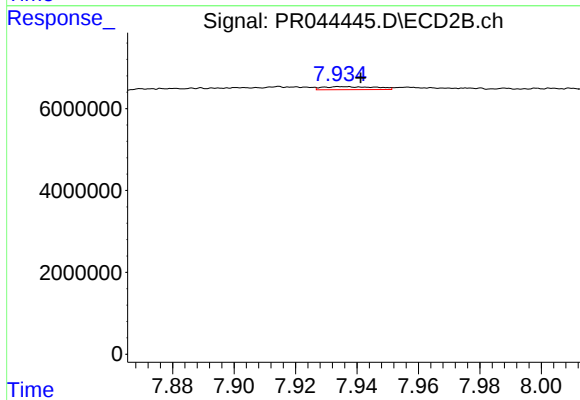
R.T.: 7.844 min
Delta R.T.: -0.032 min
Response: 522979
Conc: 0.20 ng/ml



#42 AR-1268-2

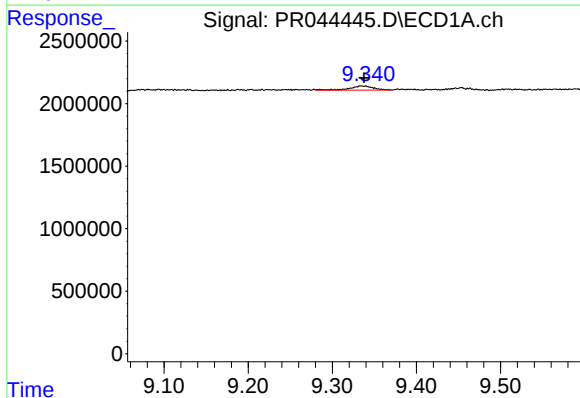
R.T.: 0.000 min
Exp R.T.: 9.096 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



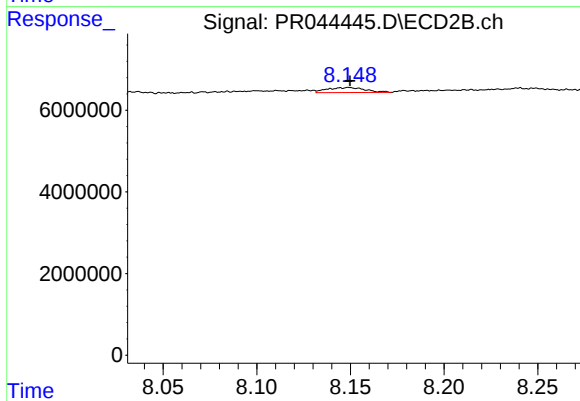
#42 AR-1268-2

R.T.: 7.935 min
Delta R.T.: -0.006 min
Response: 880741
Conc: 0.39 ng/ml



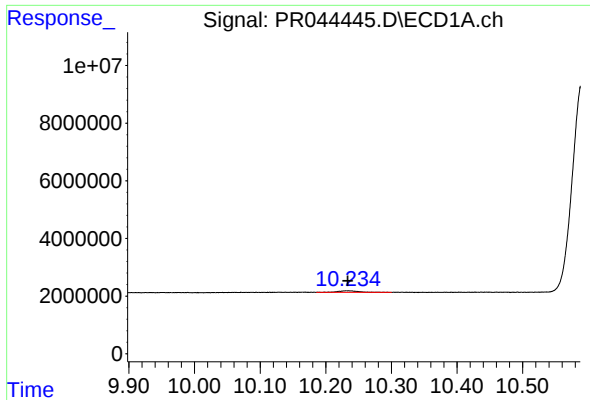
#43 AR-1268-3

R.T.: 9.334 min
Delta R.T.: -0.004 min
Response: 667072
Conc: 0.81 ng/ml



#43 AR-1268-3

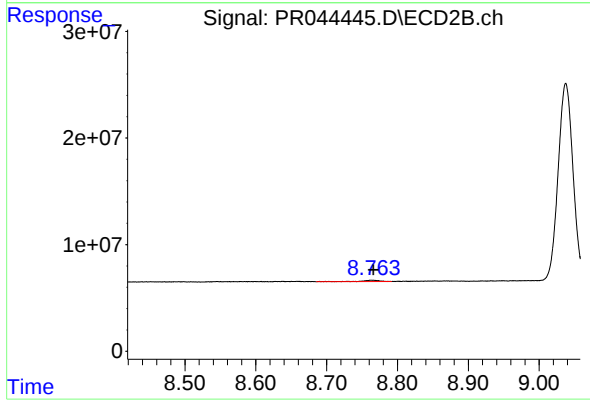
R.T.: 8.149 min
Delta R.T.: 0.000 min
Response: 1753352
Conc: 0.90 ng/ml



#45 AR-1268-5

R.T.: 10.232 min
Delta R.T.: -0.001 min
Response: 1170500
Conc: 0.41 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.764 min
Delta R.T.: -0.002 min
Response: 2260667
Conc: 0.40 ng/ml